

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050455.D
 Acq On : 15 Jul 2025 14:51
 Operator : RC/JU
 Sample : Q2571-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-18MS

Quant Time: Jul 15 15:48:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	572400	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	2135167	20.000	ng	-0.01
39) Acenaphthene-d10	14.486	164	1406721	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	2803606	20.000	ng	-0.01
76) Chrysene-d12	21.439	240	2966394	20.000	ng	-0.02
86) Perylene-d12	24.468	264	3224440	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3517681	105.784	ng	0.00
7) Phenol-d6	7.022	99	4268343	101.822	ng	0.00
23) Nitrobenzene-d5	9.016	82	2865562	68.470	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	2396618	140.220	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	7496048	65.806	ng	-0.01
79) Terphenyl-d14	19.827	244	12062947	71.549	ng	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	403488	29.508	ng	# 65
3) Pyridine	3.746	79	1019533	28.400	ng	98
4) n-Nitrosodimethylamine	3.646	42	557466	33.310	ng	93
6) Aniline	7.187	93	1313465	24.415	ng	99
8) 2-Chlorophenol	7.428	128	1382508	39.428	ng	97
9) Benzaldehyde	6.998	77	660192	26.475	ng	98
10) Phenol	7.051	94	1578382	36.100	ng	99
11) bis(2-Chloroethyl)ether	7.281	93	1247397	35.624	ng	98
12) 1,3-Dichlorobenzene	7.751	146	1406796	32.995	ng	97
13) 1,4-Dichlorobenzene	7.893	146	1442344	33.130	ng	99
14) 1,2-Dichlorobenzene	8.210	146	1401561	33.626	ng	99
15) Benzyl Alcohol	8.093	79	1208787	40.925	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.393	45	1744477	33.823	ng	97
17) 2-Methylphenol	8.298	107	1113578	39.269	ng	98
18) Hexachloroethane	8.945	117	495370	32.353	ng	94
19) n-Nitroso-di-n-propyla...	8.663	70	990999	39.024	ng	97
20) 3+4-Methylphenols	8.622	107	1522188	39.986	ng	99
22) Acetophenone	8.681	105	1993773	37.347	ng	# 97
24) Nitrobenzene	9.057	77	1399876	37.484	ng	97
25) Isophorone	9.587	82	2757882	40.610	ng	99
26) 2-Nitrophenol	9.763	139	689749	45.316	ng	98
27) 2,4-Dimethylphenol	9.828	122	1321626	40.806	ng	97
28) bis(2-Chloroethoxy)met...	10.063	93	1758739	39.083	ng	100
29) 2,4-Dichlorophenol	10.298	162	1456029	43.758	ng	99
30) 1,2,4-Trichlorobenzene	10.516	180	1478837	37.152	ng	99
31) Naphthalene	10.704	128	3987817	36.771	ng	100
32) Benzoic acid	9.951	122	960193	48.261	ng	97
33) 4-Chloroaniline	10.804	127	644562	14.058	ng	99
34) Hexachlorobutadiene	10.998	225	888419	36.568	ng	99
35) Caprolactam	11.586	113	382349	42.093	ng	91
36) 4-Chloro-3-methylphenol	11.928	107	1380724	44.436	ng	98
37) 2-Methylnaphthalene	12.310	142	2741311	40.033	ng	98
38) 1-Methylnaphthalene	12.533	142	2881486	39.762	ng	100
40) 1,2,4,5-Tetrachloroben...	12.680	216	1788912	39.989	ng	100
41) Hexachlorocyclopentadiene	12.669	237	2005480	70.133	ng	99
43) 2,4,6-Trichlorophenol	12.916	196	1255977	45.612	ng	97

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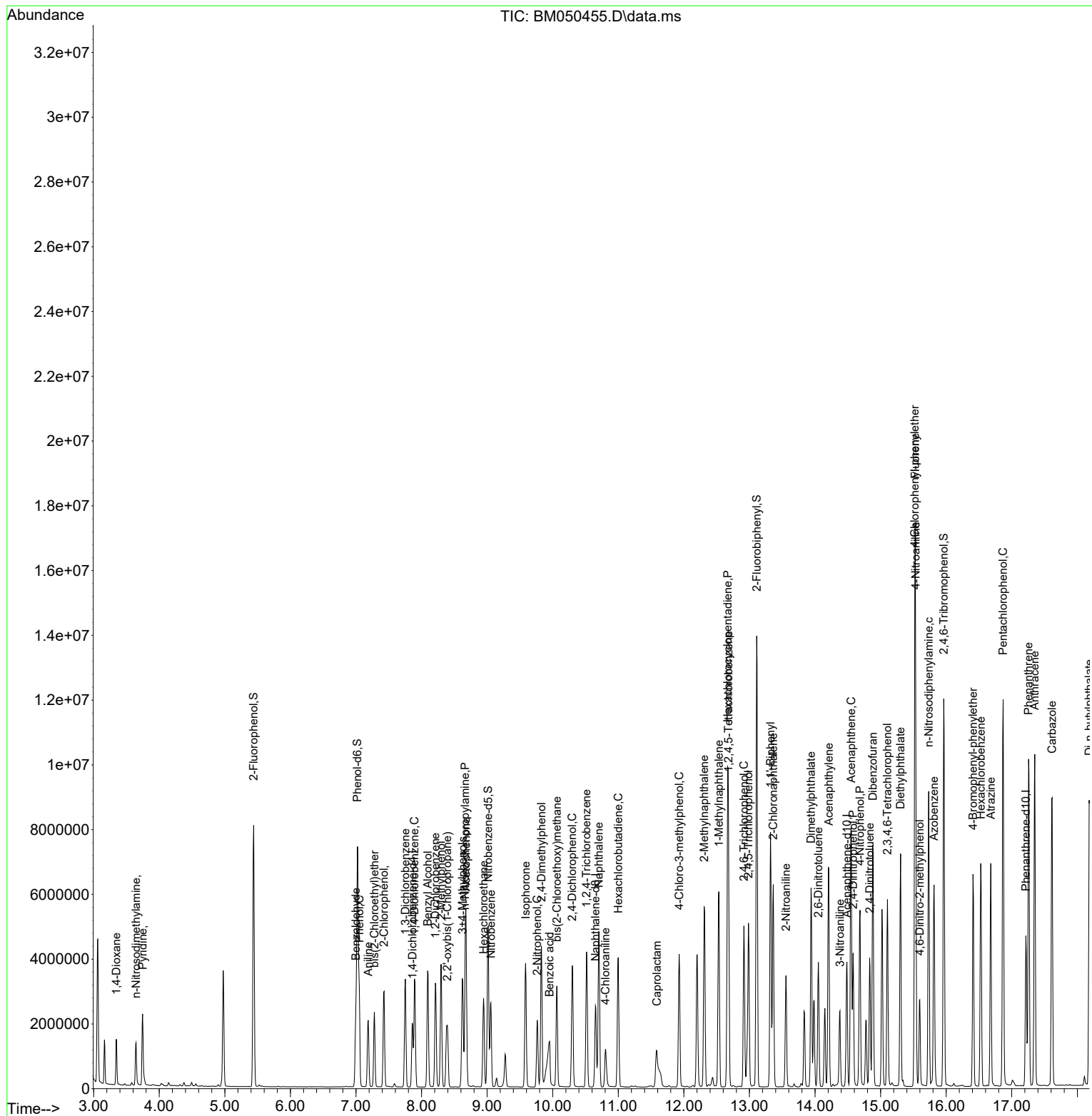
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	1380877	45.918	ng	97
46) 1,1'-Biphenyl	13.322	154	4150029	39.763	ng	100
47) 2-Chloronaphthalene	13.363	162	3251114	39.069	ng	98
48) 2-Nitroaniline	13.557	65	855238	46.044	ng	94
49) Acenaphthylene	14.210	152	5152370	40.970	ng	99
50) Dimethylphthalate	13.939	163	4120554	42.546	ng	100
51) 2,6-Dinitrotoluene	14.051	165	860025	46.249	ng	97
52) Acenaphthene	14.551	154	3182821	39.808	ng	100
53) 3-Nitroaniline	14.380	138	603399	30.512	ng	98
54) 2,4-Dinitrophenol	14.580	184	899464	87.045	ng	# 84
55) Dibenzofuran	14.880	168	4980853	40.431	ng	100
56) 4-Nitrophenol	14.686	139	1487936	87.491	ng	90
57) 2,4-Dinitrotoluene	14.833	165	1221917	44.128	ng	96
58) Fluorene	15.527	166	4202985	41.421	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	1180371	46.627	ng	96
60) Diethylphthalate	15.304	149	3935219	42.536	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	2230029	42.030	ng	98
62) 4-Nitroaniline	15.533	138	910024	40.457	ng	97
63) Azobenzene	15.816	77	3484030	41.012	ng	98
65) 4,6-Dinitro-2-methylph...	15.598	198	643973	43.411	ng	90
66) n-Nitrosodiphenylamine	15.733	169	3603970	41.081	ng	100
67) 4-Bromophenyl-phenylether	16.410	248	1346620	43.595	ng	99
68) Hexachlorobenzene	16.527	284	1564293	42.878	ng	96
69) Atrazine	16.680	200	1280413	44.447	ng	98
70) Pentachlorophenol	16.868	266	2217845	97.656	ng	99
71) Phenanthrene	17.257	178	6437864	40.581	ng	100
72) Anthracene	17.351	178	6536019	41.390	ng	100
73) Carbazole	17.615	167	6040438	42.275	ng	99
74) Di-n-butylphthalate	18.180	149	6847843	43.786	ng	99
75) Fluoranthene	19.262	202	7600062	44.068	ng	99
77) Benzidine	19.445	184	1211247	16.009	ng	99
78) Pyrene	19.627	202	8044944	42.346	ng	99
80) Butylbenzylphthalate	20.521	149	3132628	50.007	ng	98
81) Benzo(a)anthracene	21.421	228	8293520	42.909	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	2016614	30.939	ng	99
83) Chrysene	21.486	228	7764524	42.591	ng	100
84) Bis(2-ethylhexyl)phtha...	21.351	149	4688722	47.149	ng	97
85) Di-n-octyl phthalate	22.492	149	8079125	51.872	ng	98
87) Indeno(1,2,3-cd)pyrene	27.903	276	10077266	43.957	ng	99
88) Benzo(b)fluoranthene	23.515	252	8379564	42.250	ng	99
89) Benzo(k)fluoranthene	23.574	252	8289661	40.281	ng	100
90) Benzo(a)pyrene	24.327	252	7941671	42.775	ng	99
91) Dibenzo(a,h)anthracene	27.962	278	8344234	43.218	ng	99
92) Benzo(g,h,i)perylene	28.968	276	7977625	43.719	ng	99

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

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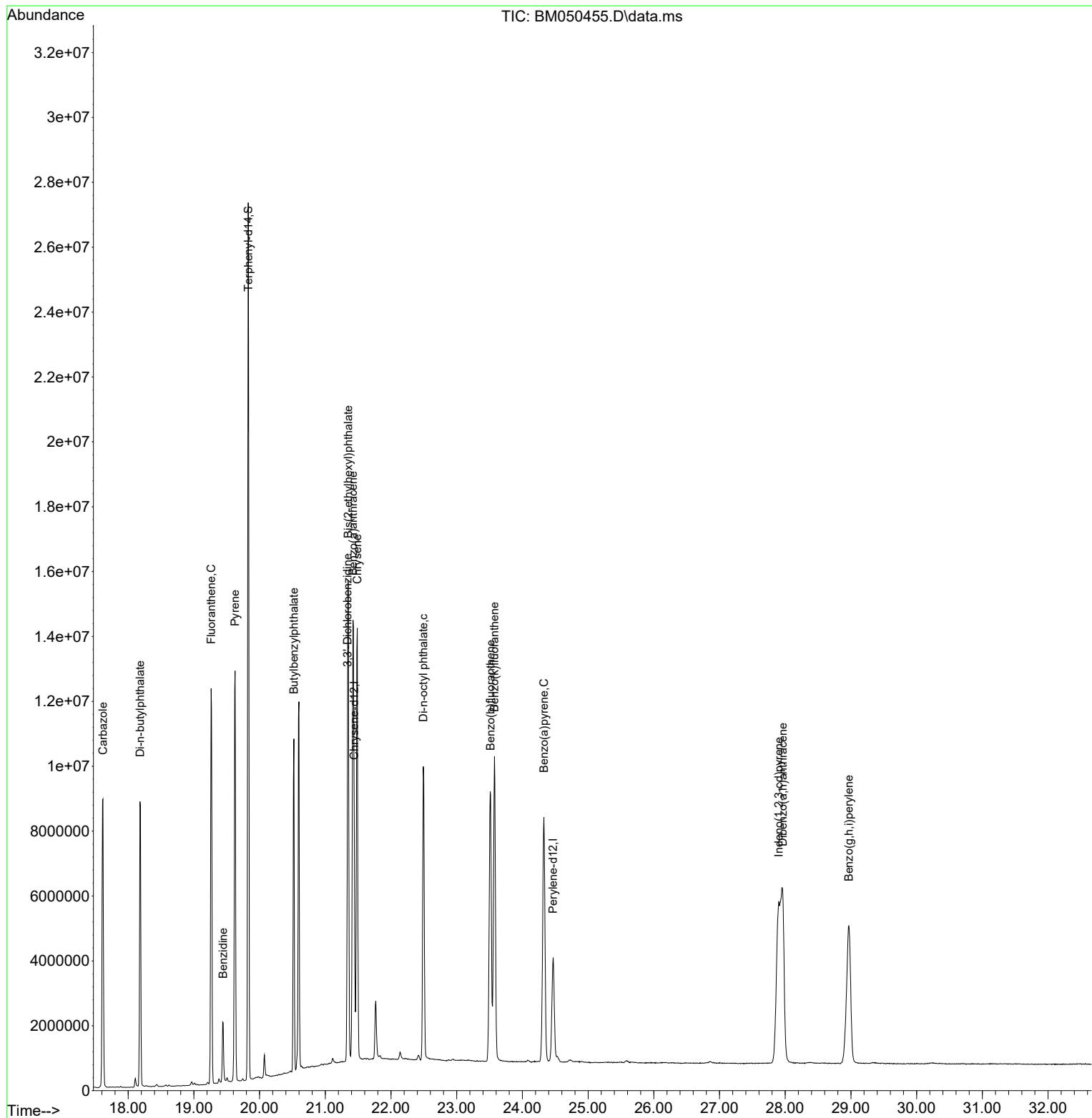
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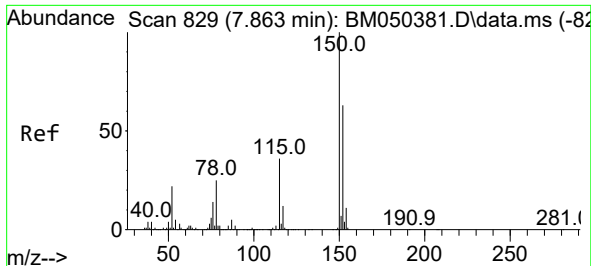


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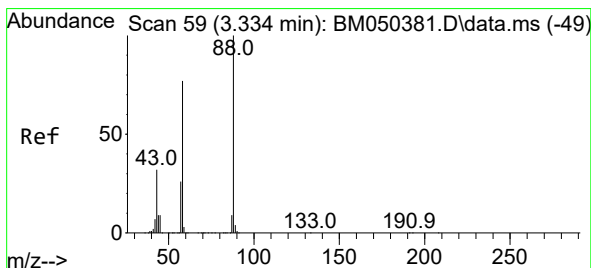
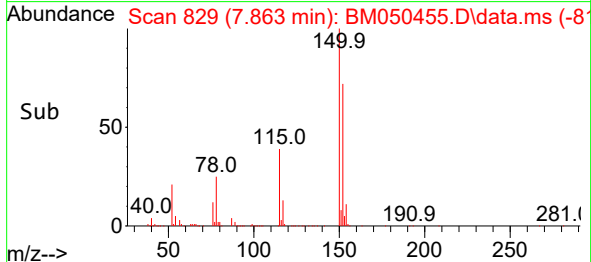
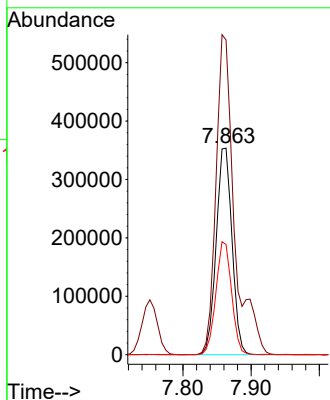
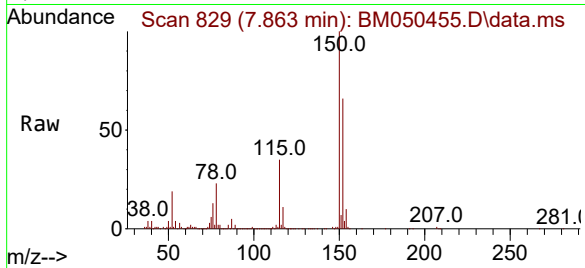




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 829
 Delta R.T. 0.000 min
 Lab File: BM050455.D
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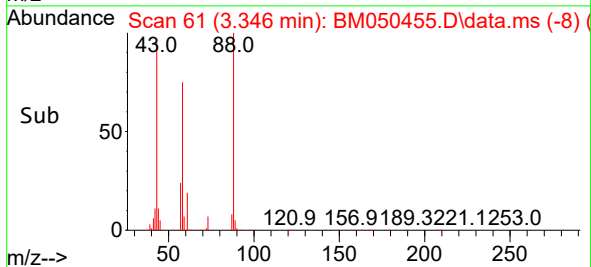
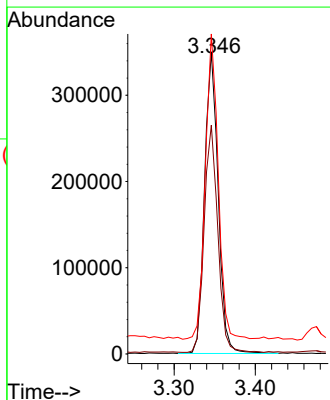
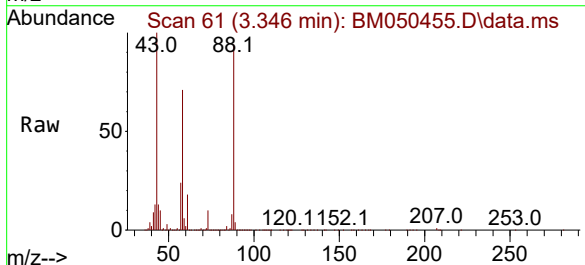
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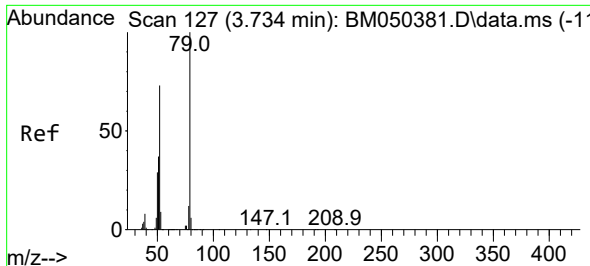
Tgt Ion:152 Resp: 572400
 Ion Ratio Lower Upper
 152 100
 150 152.3 126.2 189.4
 115 53.4 45.8 68.8



#2
 1,4-Dioxane
 Concen: 29.508 ng
 RT: 3.346 min Scan# 61
 Delta R.T. 0.012 min
 Lab File: BM050455.D
 Acq: 15 Jul 2025 14:51

Tgt Ion: 88 Resp: 403488
 Ion Ratio Lower Upper
 88 100
 58 75.8 61.0 91.6
 43 96.7 24.6 37.0#

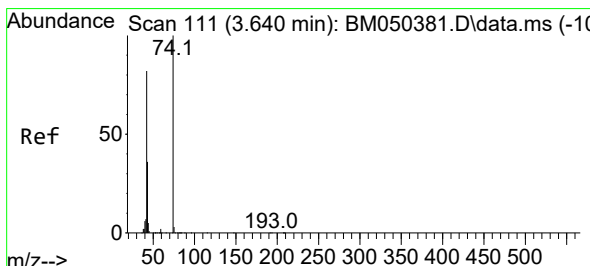
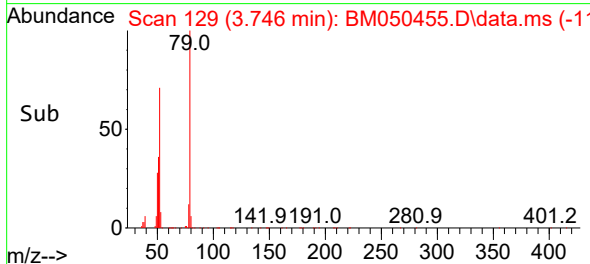
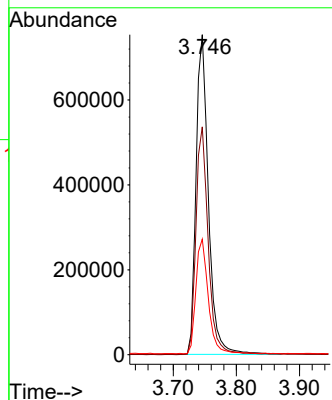
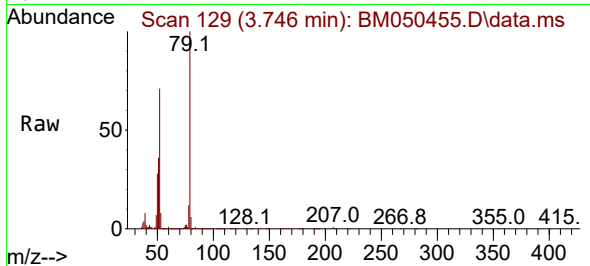




#3
 Pyridine
 Concen: 28.400 ng
 RT: 3.746 min Scan# 111
 Delta R.T. 0.012 min
 Lab File: BM050455.D
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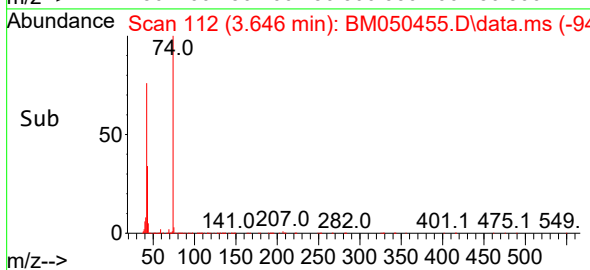
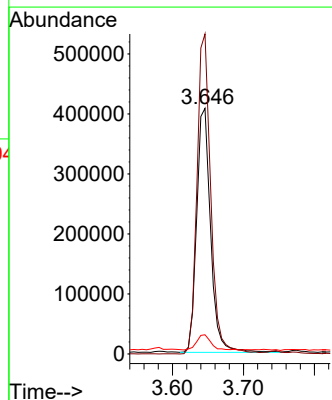
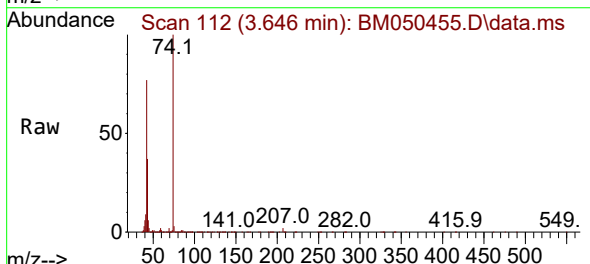
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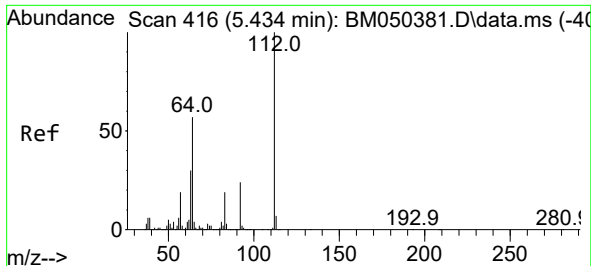
Tgt Ion: 79 Resp: 1019533
 Ion Ratio Lower Upper
 79 100
 52 71.2 58.3 87.5
 51 36.1 29.6 44.4



#4
 n-Nitrosodimethylamine
 Concen: 33.310 ng
 RT: 3.646 min Scan# 112
 Delta R.T. 0.006 min
 Lab File: BM050455.D
 Acq: 15 Jul 2025 14:51

Tgt Ion: 42 Resp: 557466
 Ion Ratio Lower Upper
 42 100
 74 130.3 97.5 146.3
 44 7.8 5.7 8.5

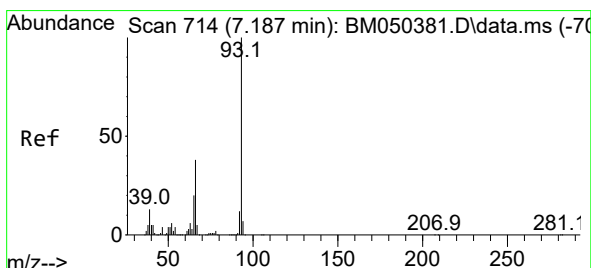
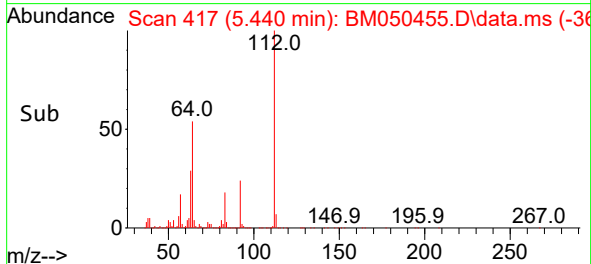
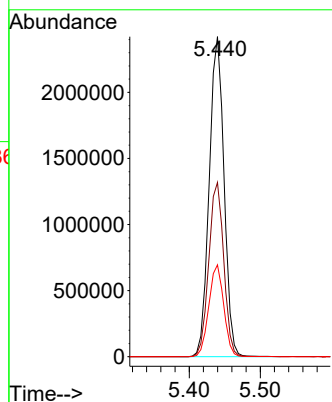
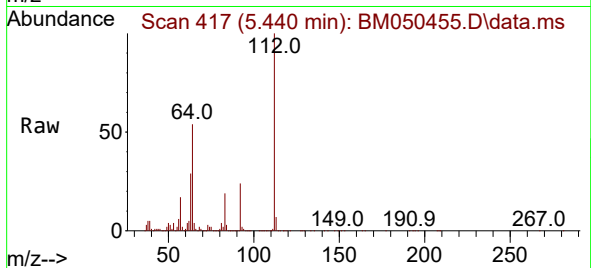




#5
2-Fluorophenol
Concen: 105.784 ng
RT: 5.440 min Scan# 416
Delta R.T. 0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

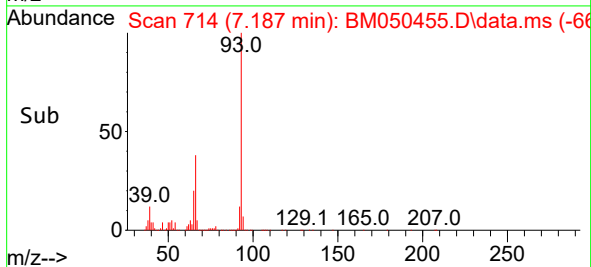
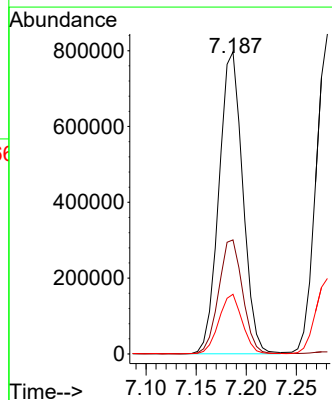
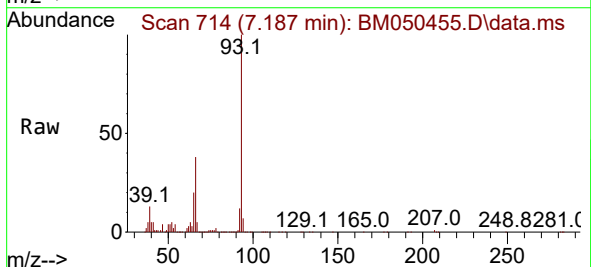
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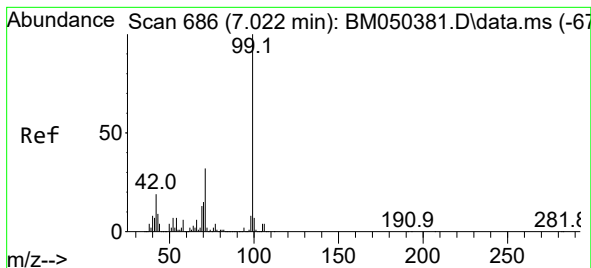
Tgt Ion:112 Resp: 3517681
Ion Ratio Lower Upper
112 100
64 54.5 45.5 68.3
63 28.7 24.2 36.4



#6
Aniline
Concen: 24.415 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion: 93 Resp: 1313465
Ion Ratio Lower Upper
93 100
66 37.7 30.5 45.7
65 19.7 15.9 23.9





#7

Phenol-d6

Concen: 101.822 ng

RT: 7.022 min Scan# 686

Delta R.T. 0.000 min

Lab File: BM050455.D

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Instrument :

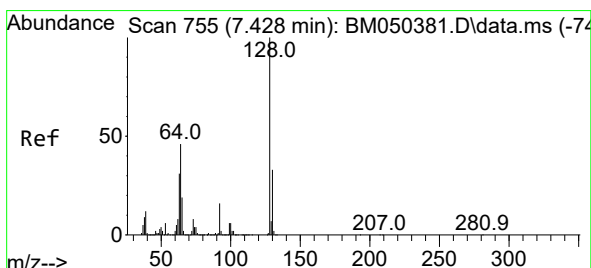
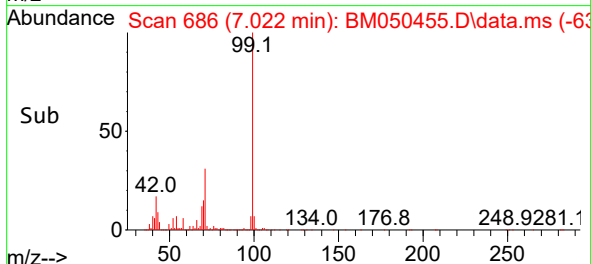
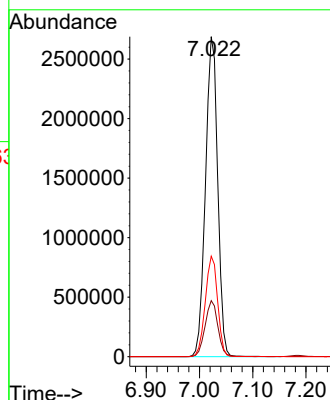
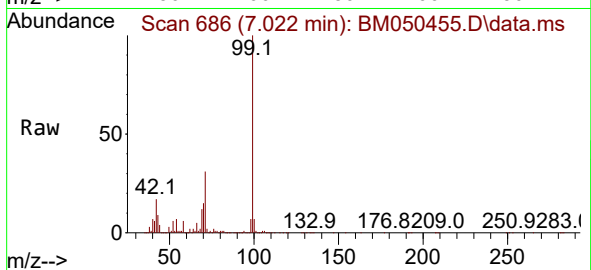
BNA_M

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Tgt Ion: 99 Resp: 4268343

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.6
71	31.4	25.9	38.9



#8

2-Chlorophenol

Concen: 39.428 ng

RT: 7.428 min Scan# 755

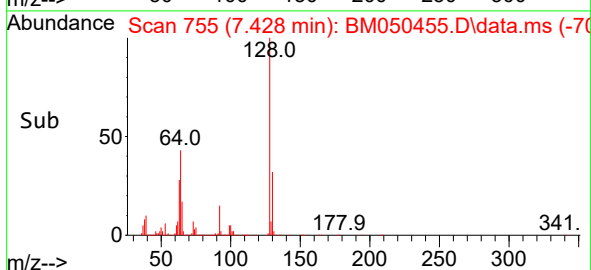
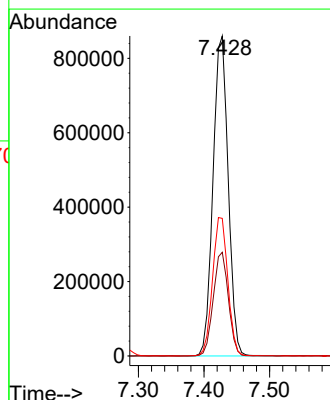
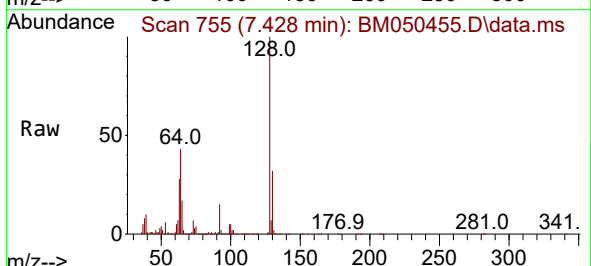
Delta R.T. 0.000 min

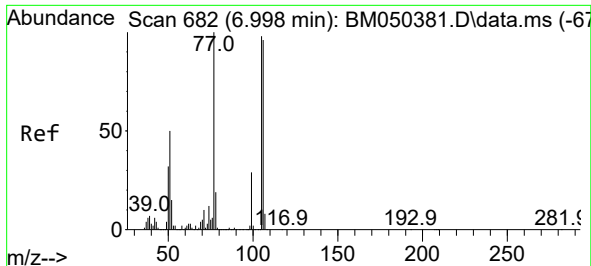
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Tgt Ion:128 Resp: 1382508

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.3	53.3
64	43.0	25.6	65.6

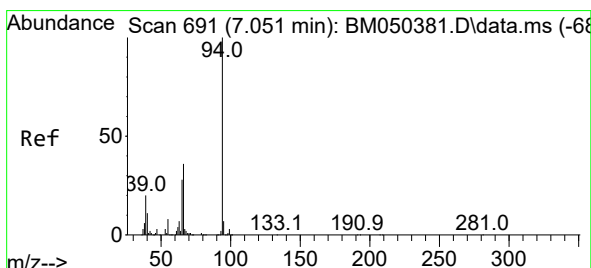
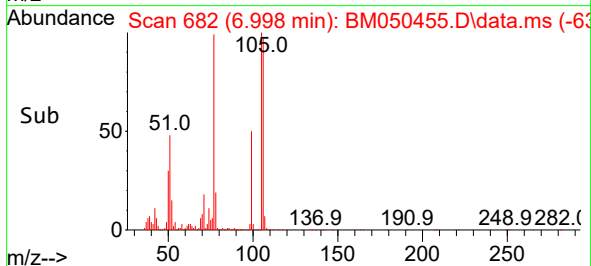
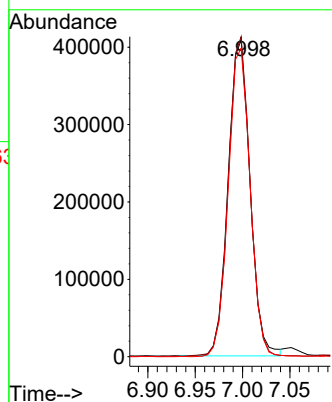
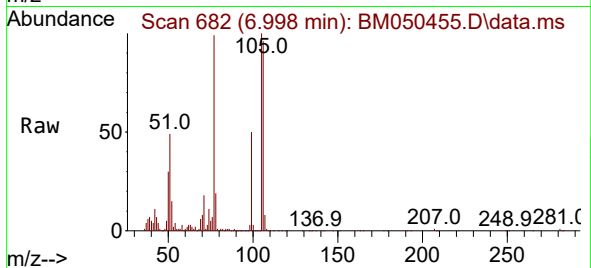




#9
Benzaldehyde
Concen: 26.475 ng
RT: 6.998 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

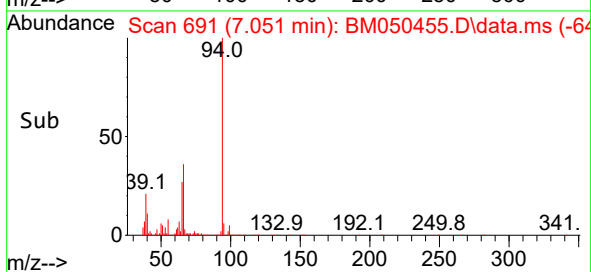
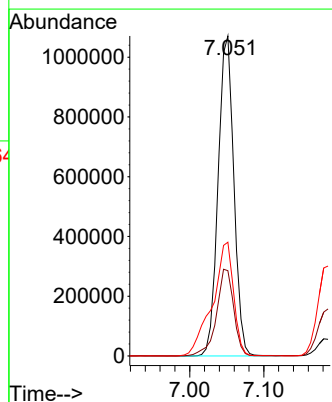
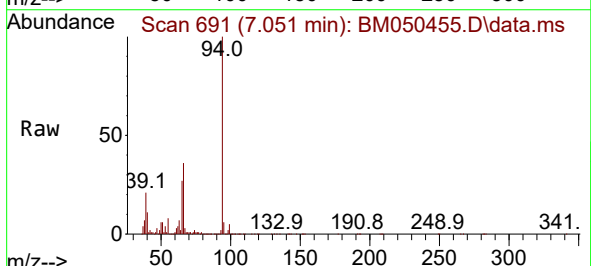
Instrument :
BNA_M
ClientSampleId :
TP-18MS

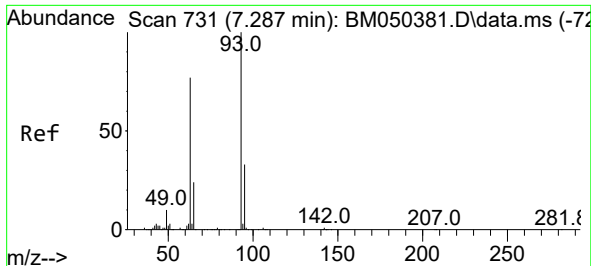
Tgt Ion: 77 Resp: 660192
Ion Ratio Lower Upper
77 100
105 101.0 78.4 118.4
106 97.4 76.3 116.3



#10
Phenol
Concen: 36.100 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion: 94 Resp: 1578382
Ion Ratio Lower Upper
94 100
65 26.6 8.1 48.1
66 35.5 15.8 55.8

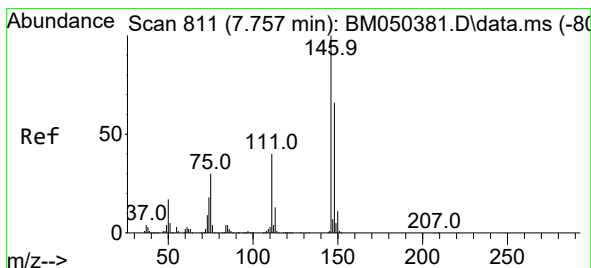
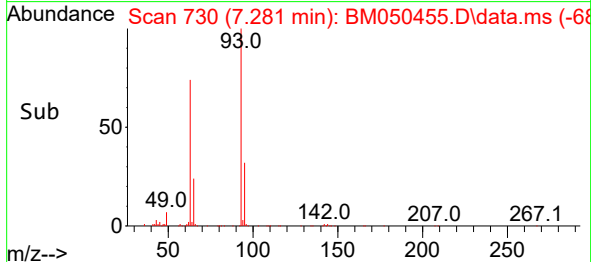
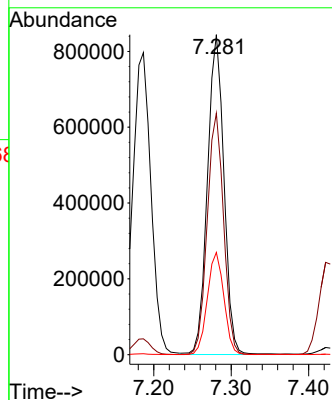
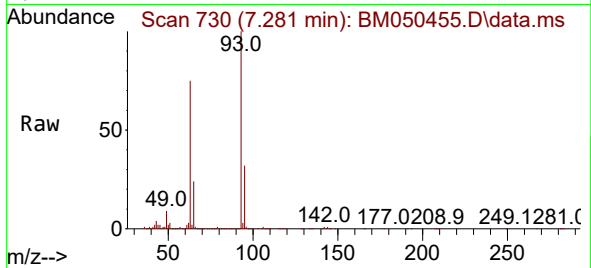




#11
bis(2-Chloroethyl)ether
Concen: 35.624 ng
RT: 7.281 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

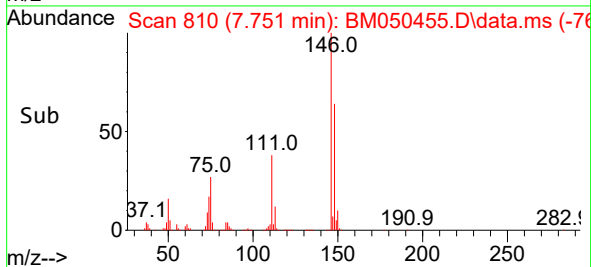
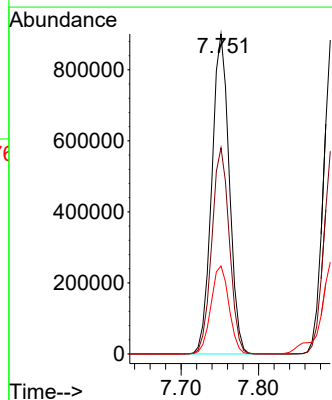
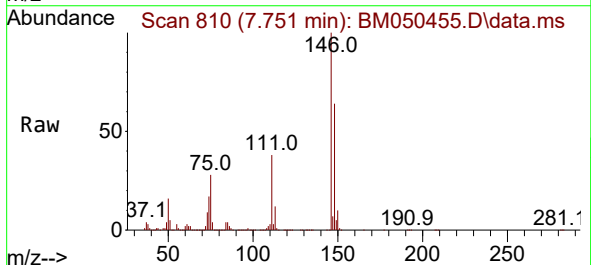
Instrument :
BNA_M
ClientSampleId :
TP-18MS

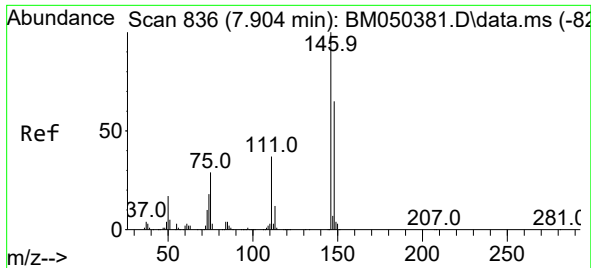
Tgt Ion: 93 Resp: 1247397
Ion Ratio Lower Upper
93 100
63 75.5 56.9 96.9
95 31.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 32.995 ng
RT: 7.751 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:146 Resp: 1406796
Ion Ratio Lower Upper
146 100
148 64.5 53.2 79.8
75 27.5 23.9 35.9

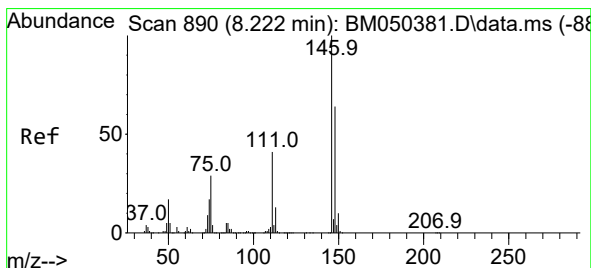
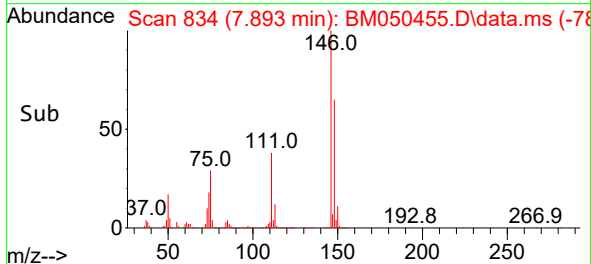
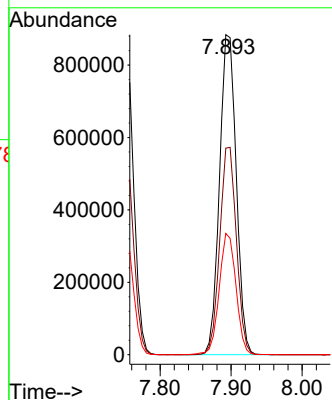
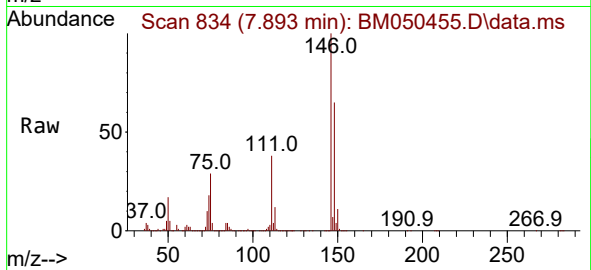




#13
1,4-Dichlorobenzene
Concen: 33.130 ng
RT: 7.893 min Scan# 811
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

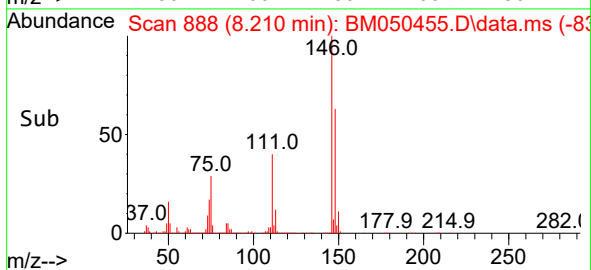
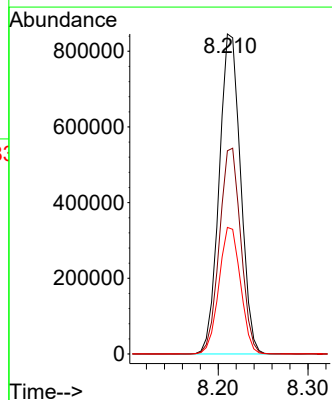
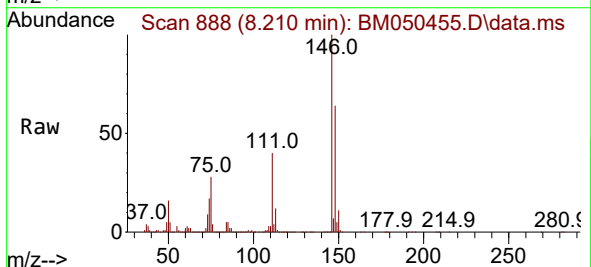
Instrument :
BNA_M
ClientSampleId :
TP-18MS

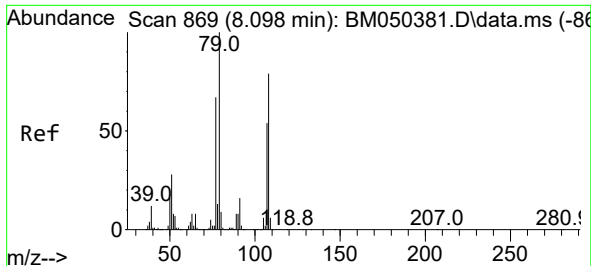
Tgt Ion:146 Resp: 1442344
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
111 37.9 30.0 45.0



#14
1,2-Dichlorobenzene
Concen: 33.626 ng
RT: 8.210 min Scan# 888
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:146 Resp: 1401561
Ion Ratio Lower Upper
146 100
148 63.5 51.5 77.3
111 39.6 32.6 49.0

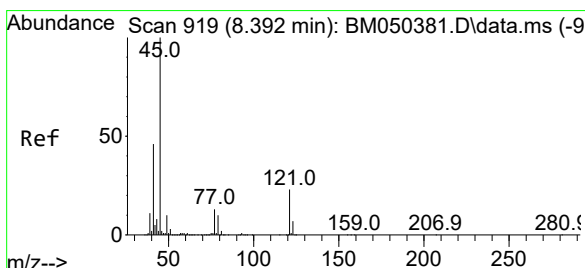
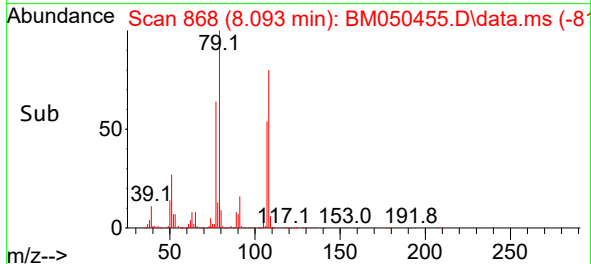
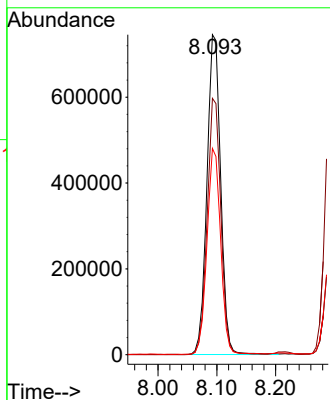
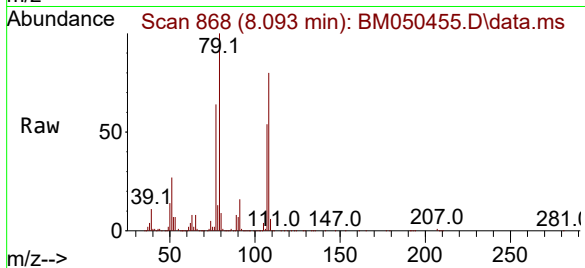




#15
Benzyl Alcohol
Concen: 40.925 ng
RT: 8.093 min Scan# 869
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

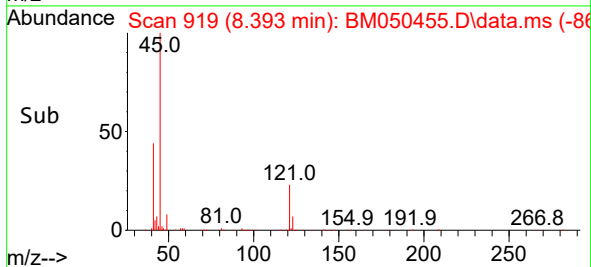
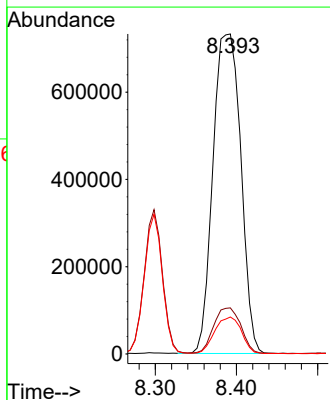
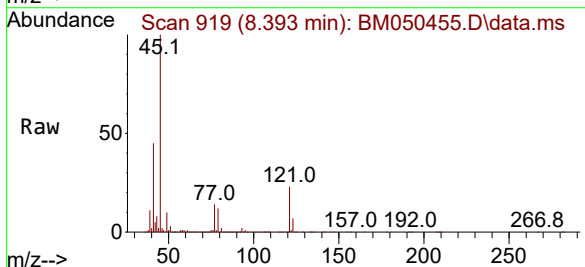
Instrument :
BNA_M
ClientSampleId :
TP-18MS

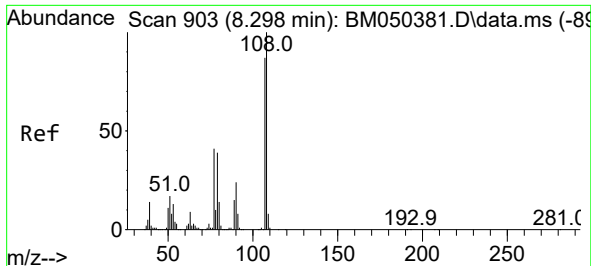
Tgt Ion: 79 Resp: 1208787
Ion Ratio Lower Upper
79 100
108 80.1 63.0 94.4
77 64.4 53.4 80.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.823 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion: 45 Resp: 1744477
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.5
79 11.6 0.0 30.3

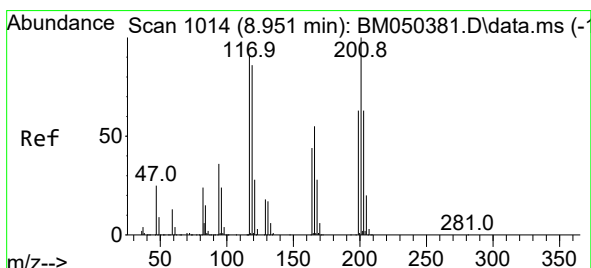
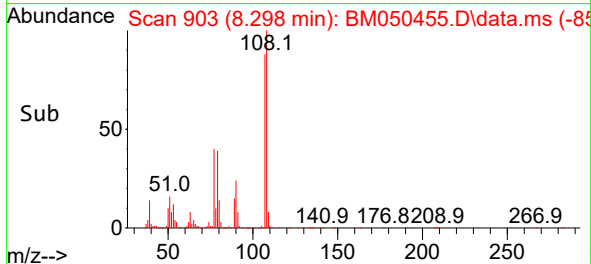
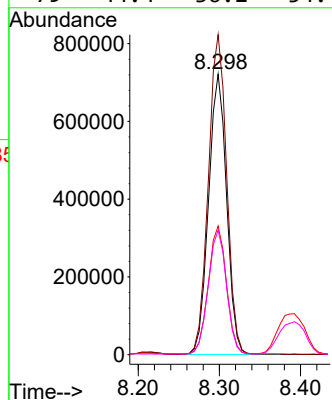
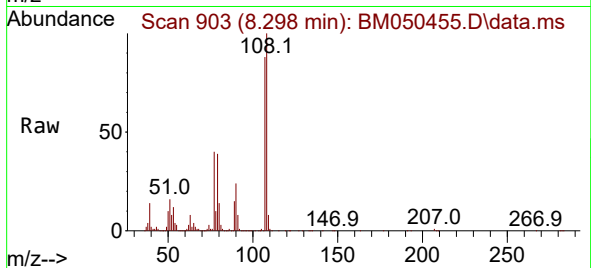




#17
2-Methylphenol
Concen: 39.269 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

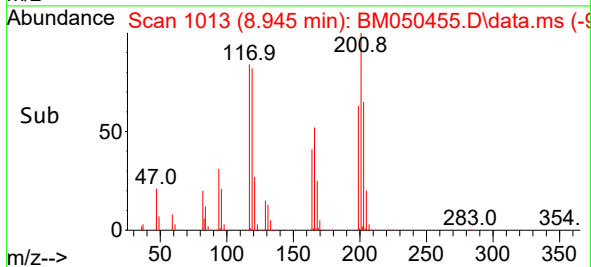
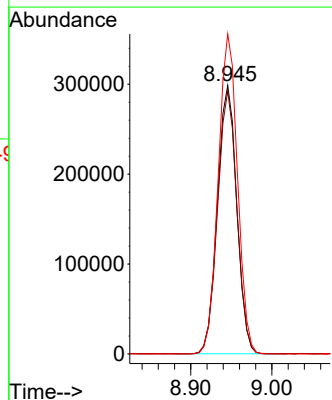
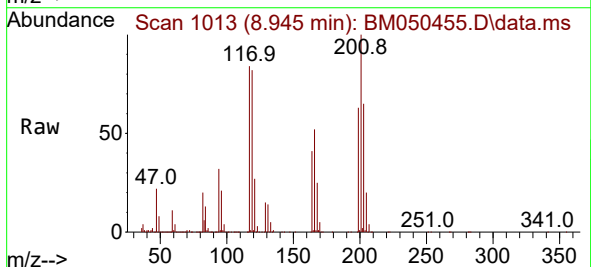
Instrument :
BNA_M
ClientSampleId :
TP-18MS

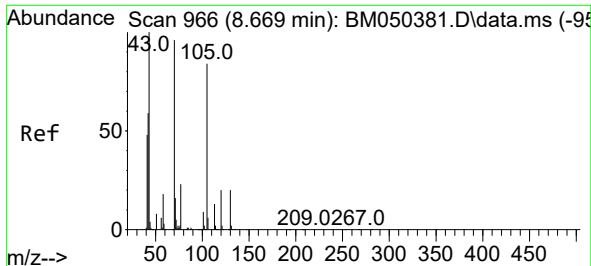
Tgt Ion:107 Resp: 1113578
Ion Ratio Lower Upper
107 100
108 114.1 92.1 138.1
77 45.8 38.2 57.4
79 44.4 36.2 54.4



#18
Hexachloroethane
Concen: 32.353 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:117 Resp: 495370
Ion Ratio Lower Upper
117 100
119 98.0 75.6 113.4
201 119.2 87.9 131.9





#19

n-Nitroso-di-n-propylamine

Concen: 39.024 ng

RT: 8.663 min Scan# 9

Delta R.T. -0.006 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Instrument :

BNA_M

ClientSampleId :

TP-18MS

Tgt Ion: 70 Resp: 990999

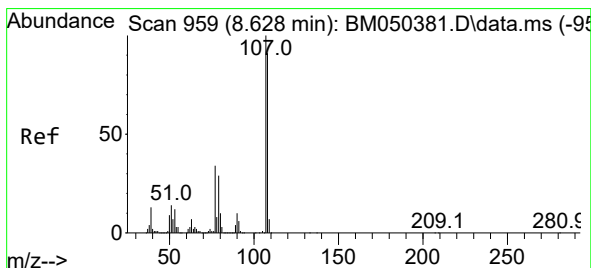
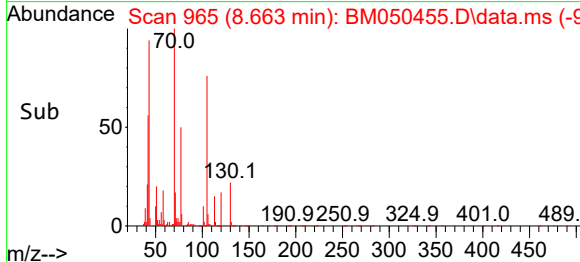
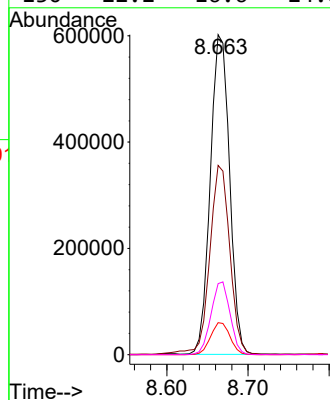
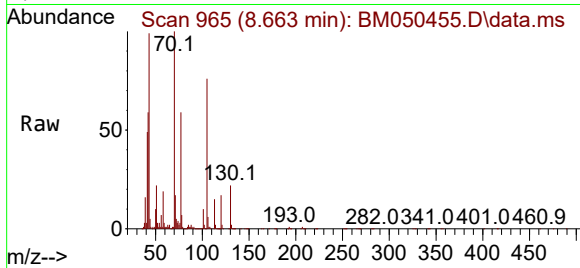
Ion Ratio Lower Upper

70 100

42 59.2 49.7 74.5

101 10.0 7.7 11.5

130 22.2 16.6 24.8



#20

3+4-Methylphenols

Concen: 39.986 ng

RT: 8.622 min Scan# 958

Delta R.T. -0.006 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Tgt Ion: 107 Resp: 1522188

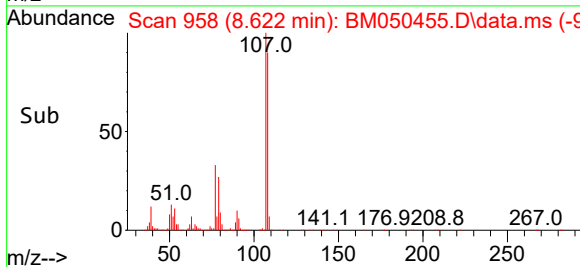
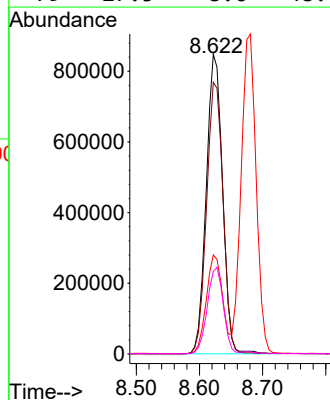
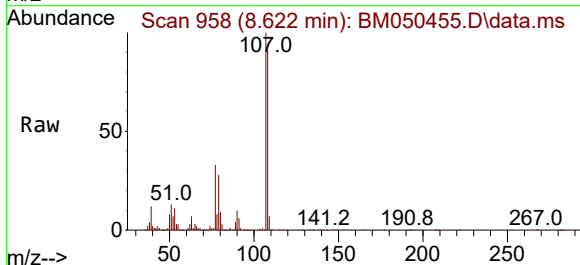
Ion Ratio Lower Upper

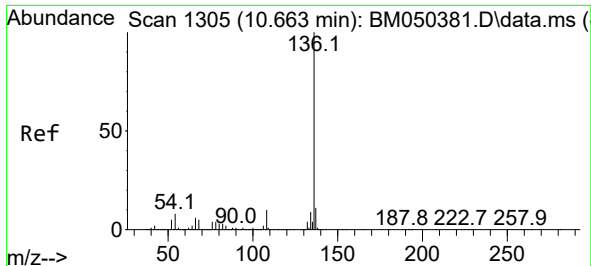
107 100

108 90.7 71.5 111.5

77 33.1 13.7 53.7

79 27.5 8.6 48.6

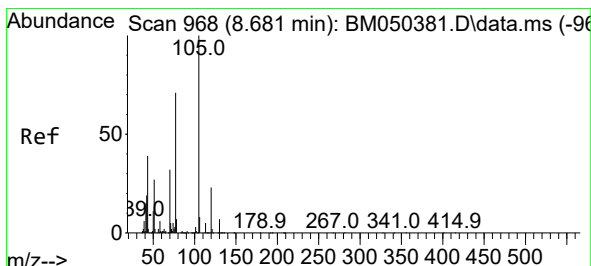
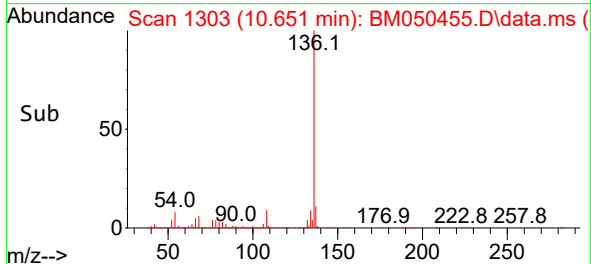
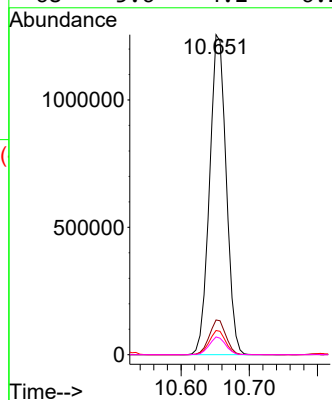
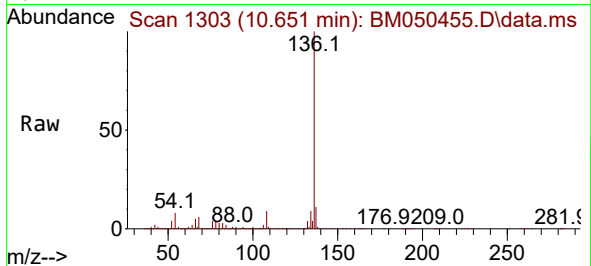




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

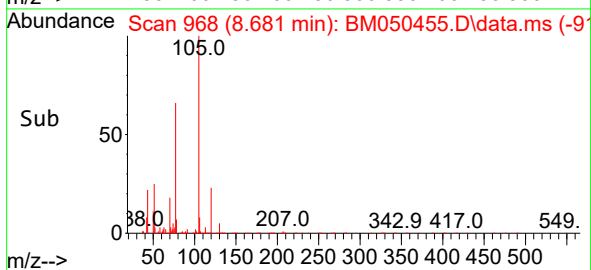
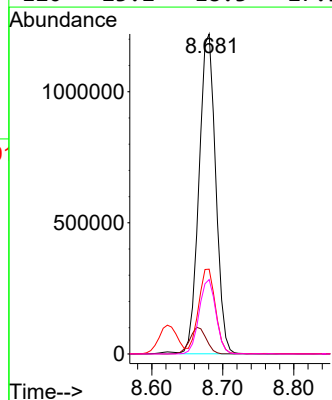
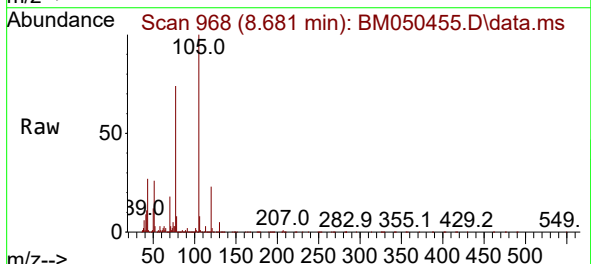
Instrument :
BNA_M
ClientSampleId :
TP-18MS

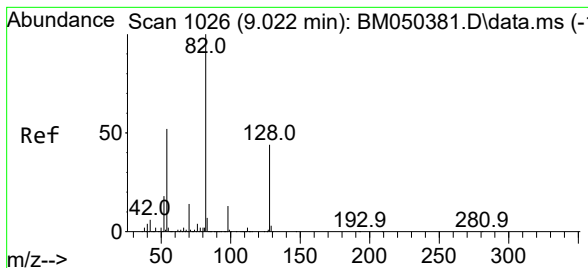
Tgt Ion:136 Resp: 2135167
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.6 6.3 9.5
68 5.6 4.2 6.2



#22
Acetophenone
Concen: 37.347 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:105 Resp: 1993773
Ion Ratio Lower Upper
105 100
71 2.9 4.4 6.6#
51 26.5 23.0 34.6
120 23.2 18.3 27.5

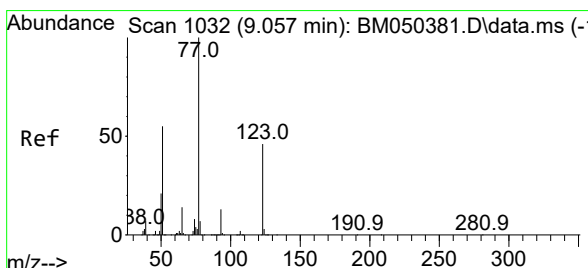
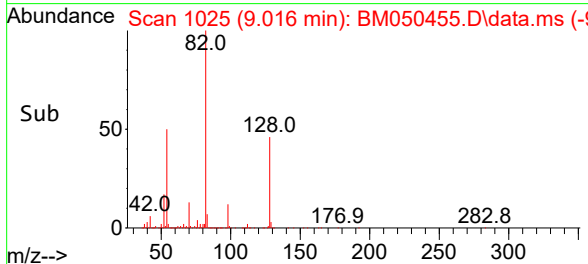
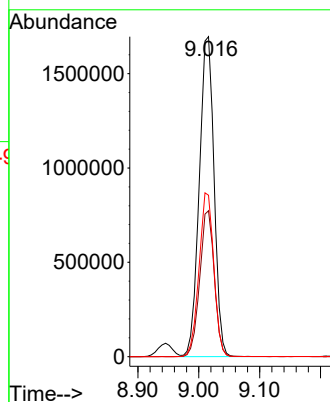
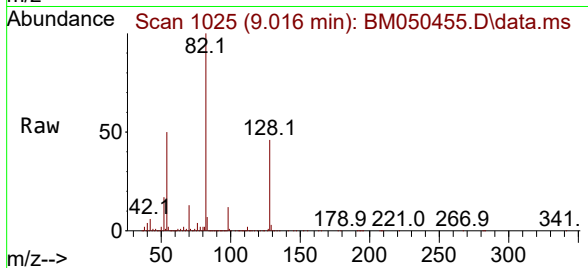




#23
Nitrobenzene-d5
Concen: 68.470 ng
RT: 9.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

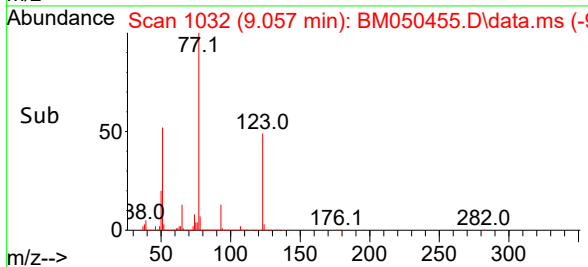
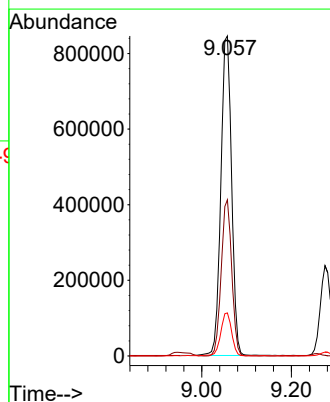
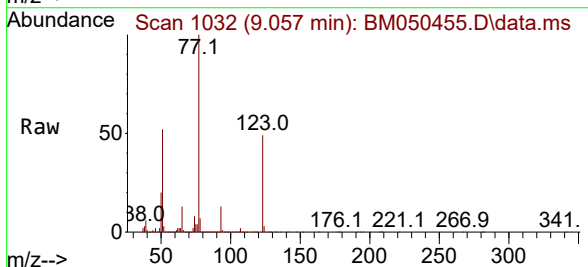
Instrument :
BNA_M
ClientSampleId :
TP-18MS

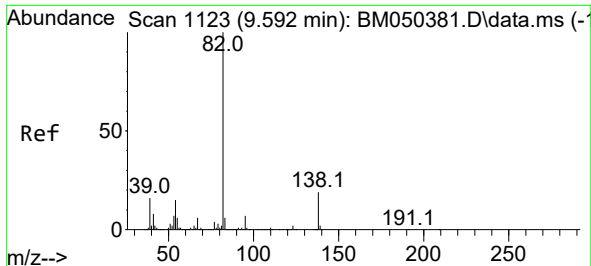
Tgt Ion: 82 Resp: 2865562
Ion Ratio Lower Upper
82 100
128 45.6 35.2 52.8
54 50.5 41.5 62.3



#24
Nitrobenzene
Concen: 37.484 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion: 77 Resp: 1399876
Ion Ratio Lower Upper
77 100
123 48.8 37.0 55.6
65 13.4 11.0 16.4

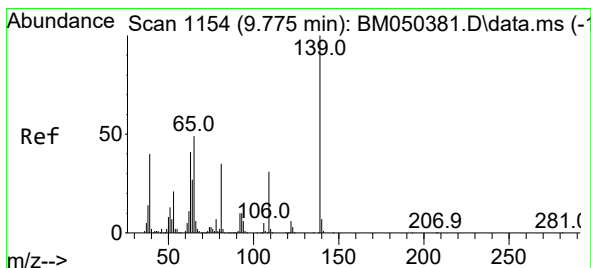
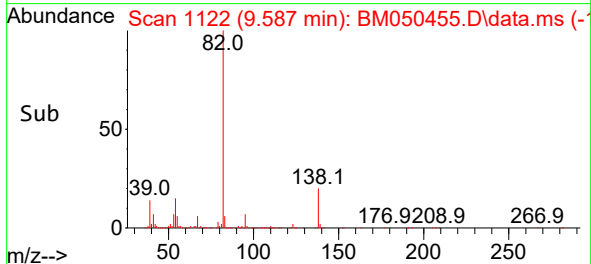
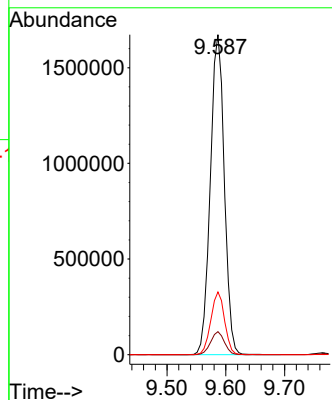
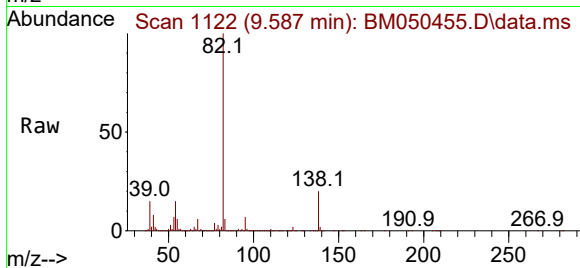




#25
Isophorone
Concen: 40.610 ng
RT: 9.587 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

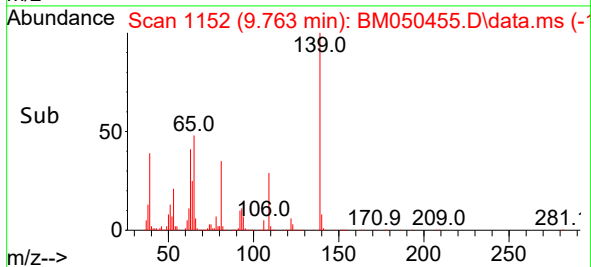
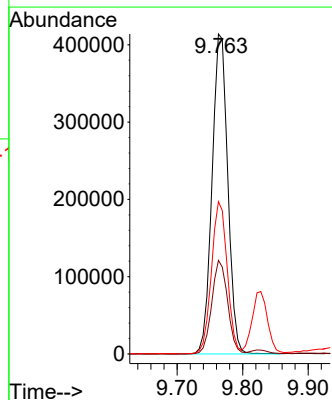
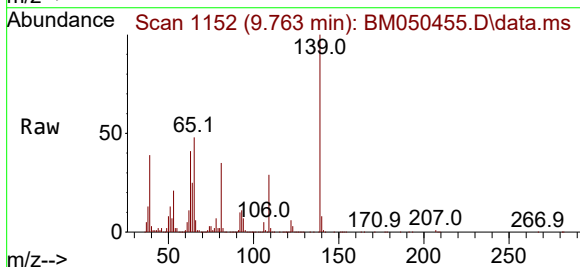
Instrument :
BNA_M
ClientSampleId :
TP-18MS

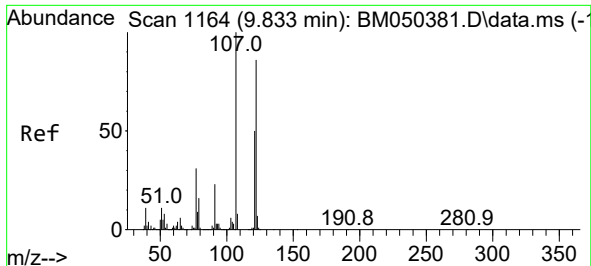
Tgt Ion: 82 Resp: 2757882
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.6 15.3 22.9



#26
2-Nitrophenol
Concen: 45.316 ng
RT: 9.763 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion: 139 Resp: 689749
Ion Ratio Lower Upper
139 100
109 29.2 24.6 36.8
65 47.6 39.2 58.8

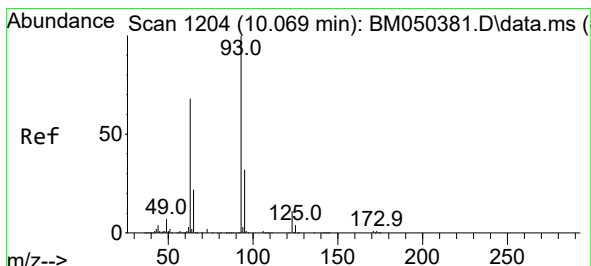
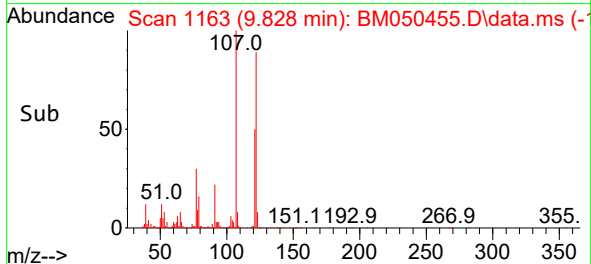
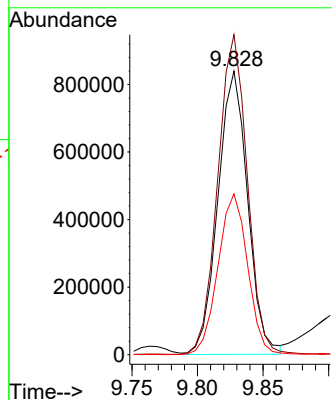
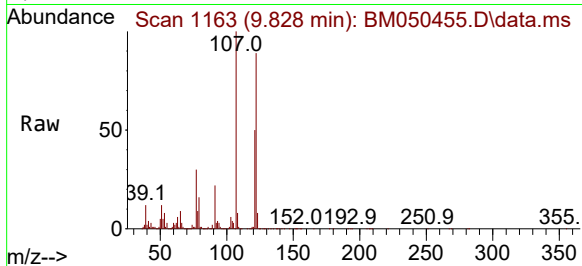




#27
2,4-Dimethylphenol
Concen: 40.806 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

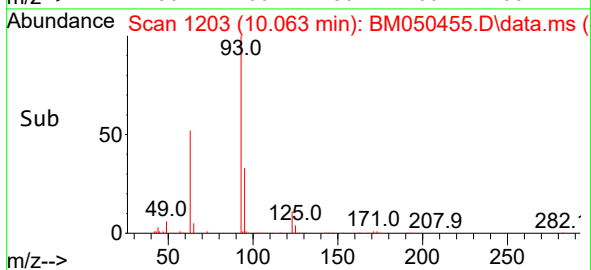
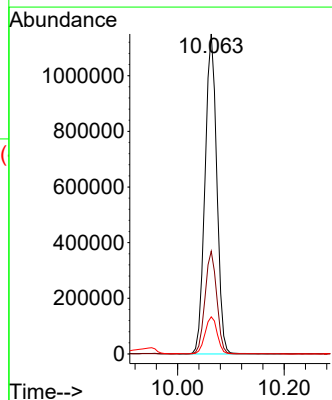
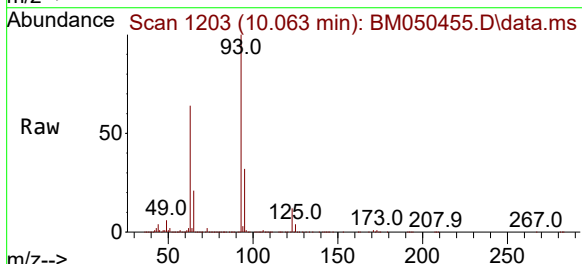
Instrument :
BNA_M
ClientSampleId :
TP-18MS

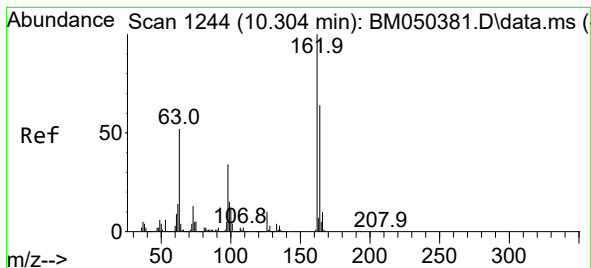
Tgt Ion:122 Resp: 1321626
Ion Ratio Lower Upper
122 100
107 112.9 93.0 139.6
121 56.7 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.083 ng
RT: 10.063 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion: 93 Resp: 1758739
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.6
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.758 ng

RT: 10.298 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Instrument :

BNA_M

ClientSampleId :

TP-18MS

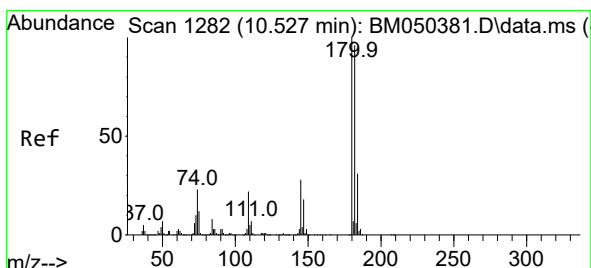
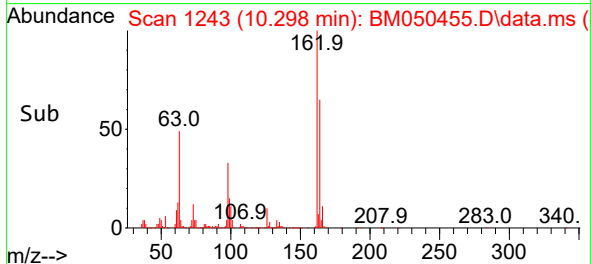
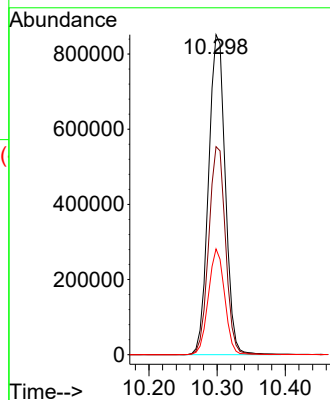
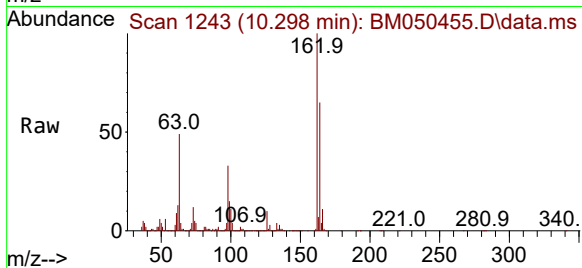
Tgt Ion:162 Resp: 1456029

Ion Ratio Lower Upper

162 100

164 65.0 43.7 83.7

98 33.0 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 37.152 ng

RT: 10.516 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

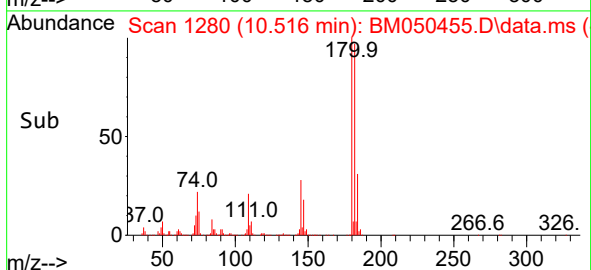
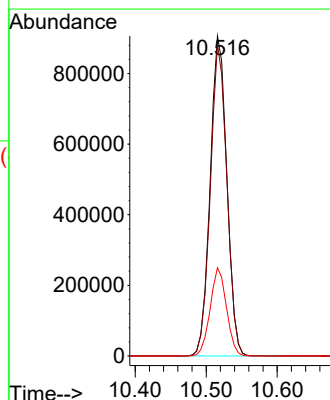
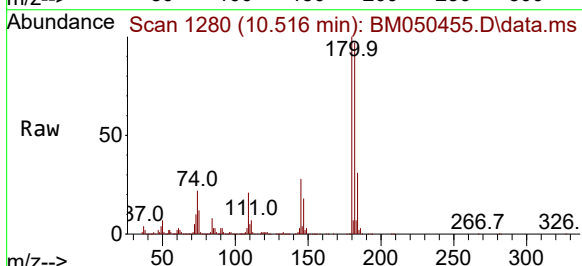
Tgt Ion:180 Resp: 1478837

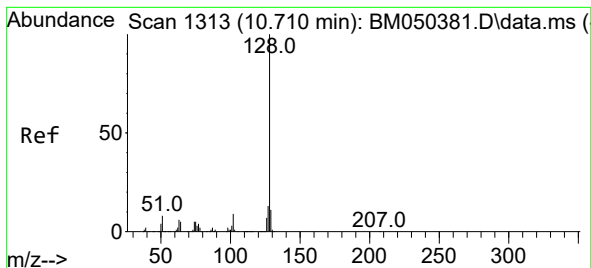
Ion Ratio Lower Upper

180 100

182 97.4 76.8 115.2

145 27.5 22.6 33.8





#31

Naphthalene

Concen: 36.771 ng

RT: 10.704 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Instrument :

BNA_M

ClientSampleId :

TP-18MS

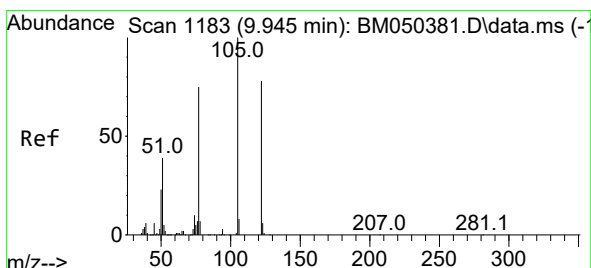
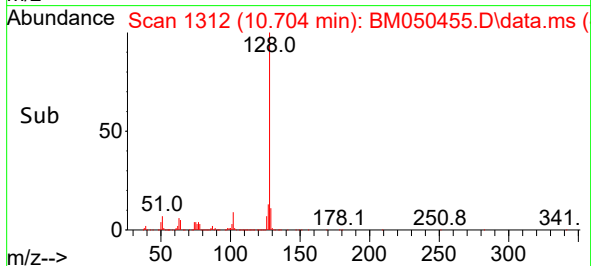
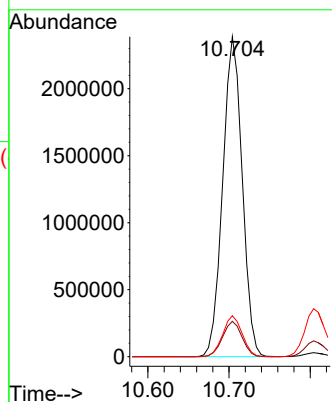
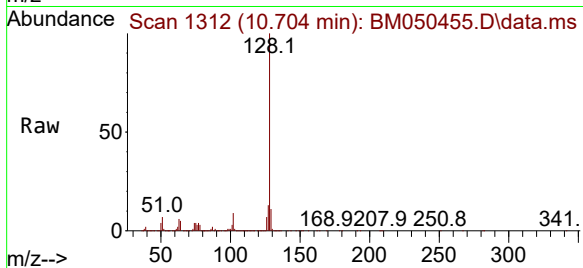
Tgt Ion:128 Resp: 3987817

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 12.8 10.4 15.6



#32

Benzoic acid

Concen: 48.261 ng

RT: 9.951 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

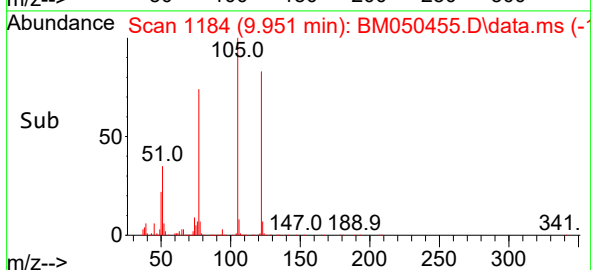
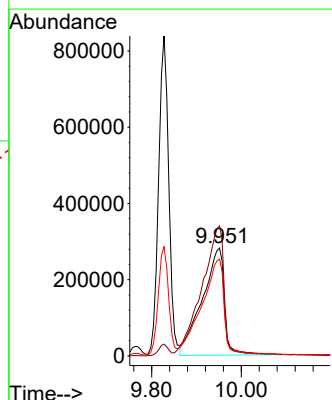
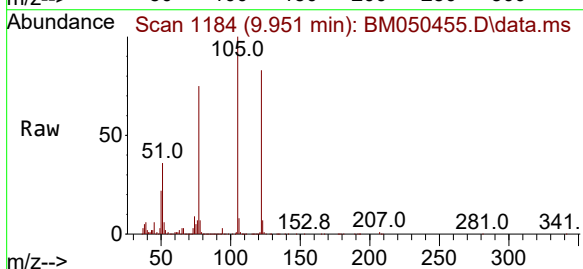
Tgt Ion:122 Resp: 960193

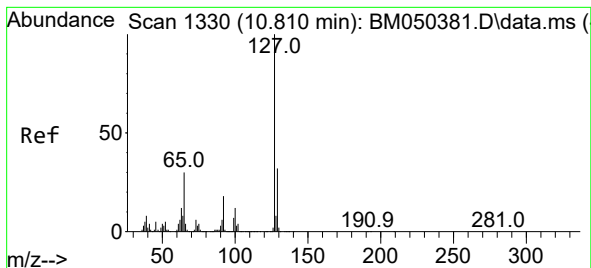
Ion Ratio Lower Upper

122 100

105 120.6 104.0 144.0

77 90.0 73.8 113.8





#33

4-Chloroaniline

Concen: 14.058 ng

RT: 10.804 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Instrument :

BNA_M

ClientSampleId :

TP-18MS

Tgt Ion:127 Resp: 644562

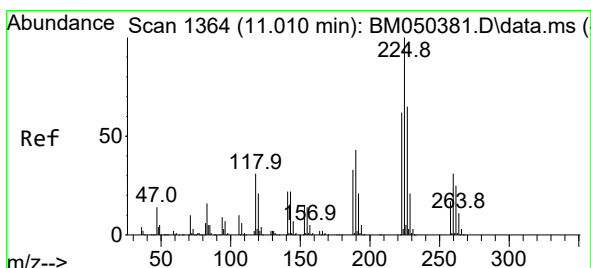
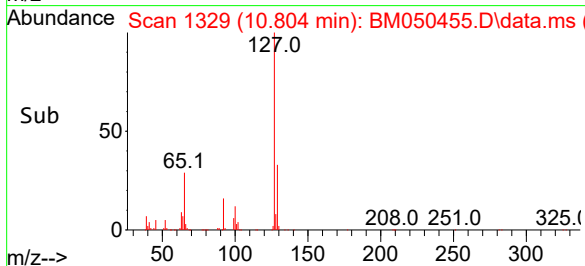
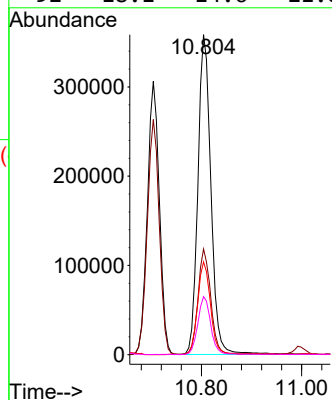
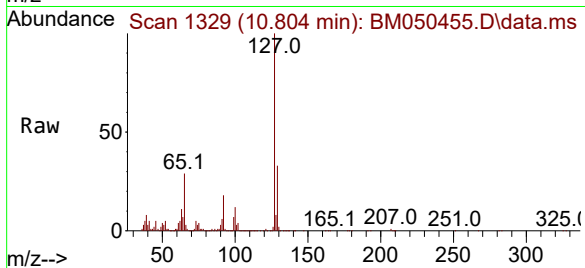
Ion Ratio Lower Upper

127 100

129 33.1 25.5 38.3

65 29.0 23.9 35.9

92 18.1 14.6 21.8



#34

Hexachlorobutadiene

Concen: 36.568 ng

RT: 10.998 min Scan# 1362

Delta R.T. -0.012 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

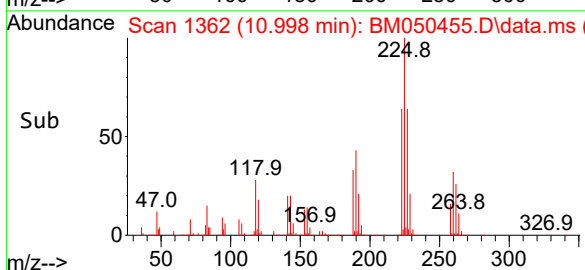
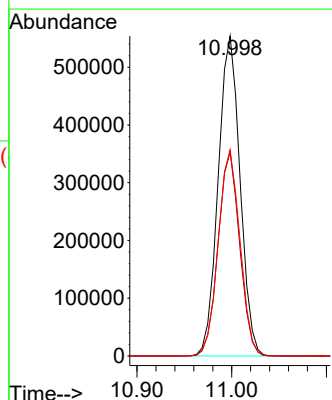
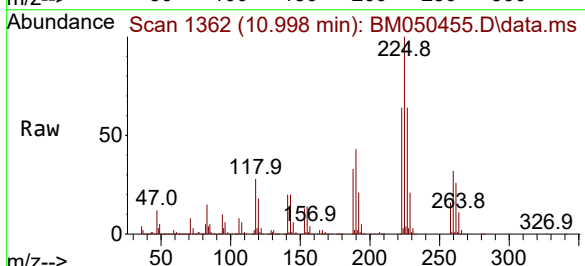
Tgt Ion:225 Resp: 888419

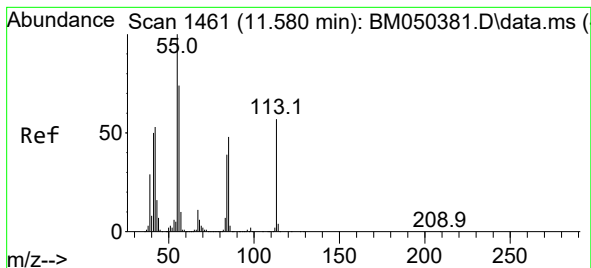
Ion Ratio Lower Upper

225 100

223 63.7 49.7 74.5

227 64.5 52.1 78.1

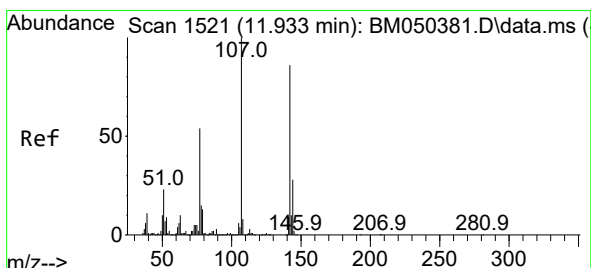
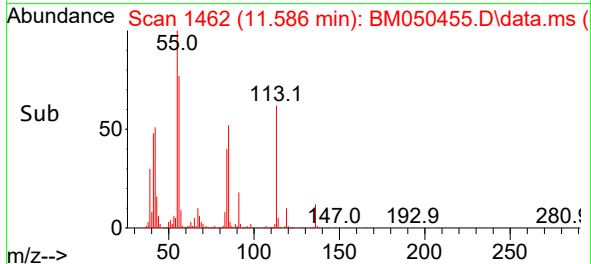
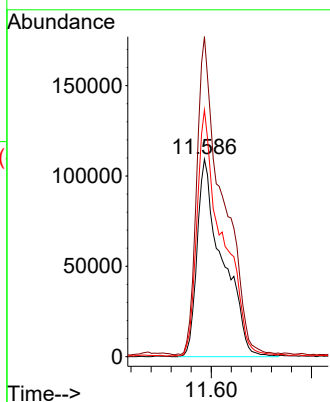
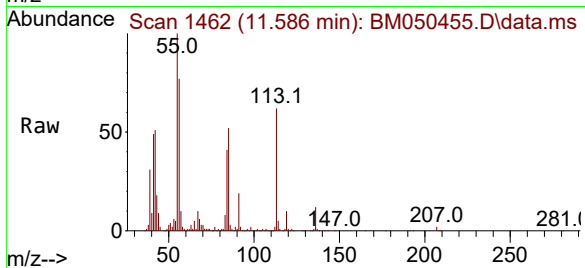




#35
Caprolactam
Concen: 42.093 ng
RT: 11.586 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

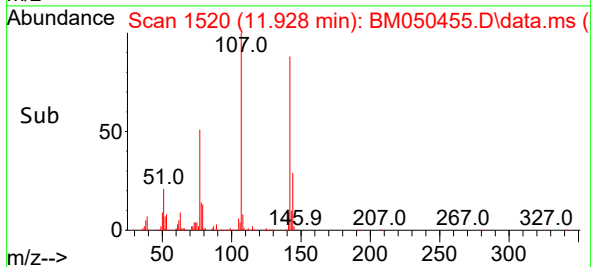
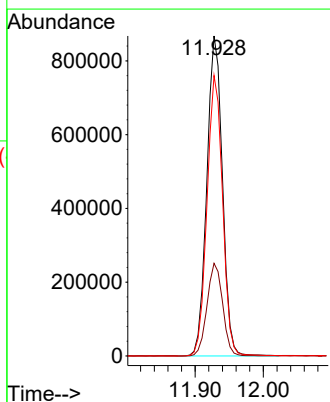
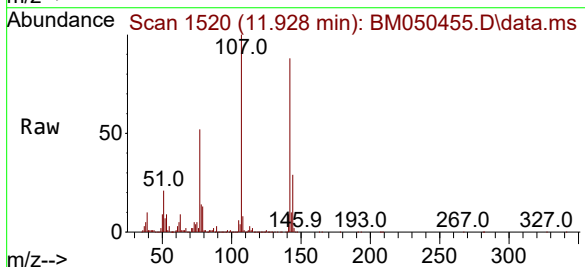
Instrument :
BNA_M
ClientSampleId :
TP-18MS

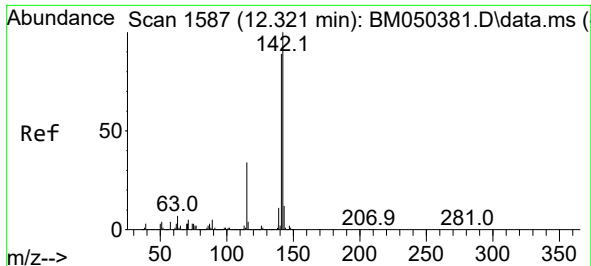
Tgt Ion:113 Resp: 382349
Ion Ratio Lower Upper
113 100
55 162.0 157.2 197.2
56 125.0 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 44.436 ng
RT: 11.928 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:107 Resp: 1380724
Ion Ratio Lower Upper
107 100
144 28.9 22.2 33.4
142 87.6 68.7 103.1

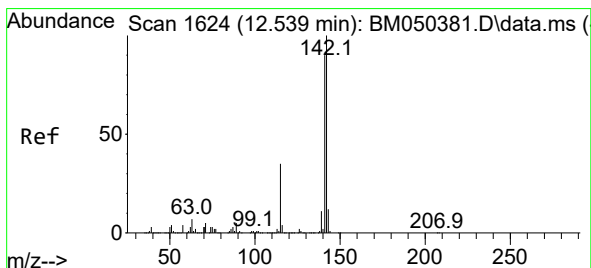
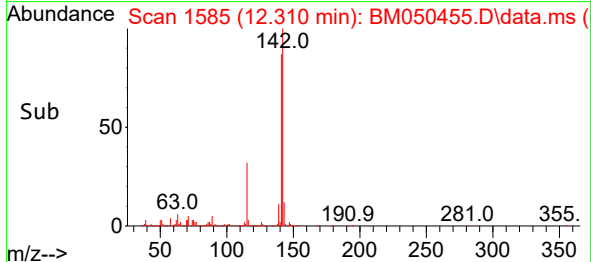
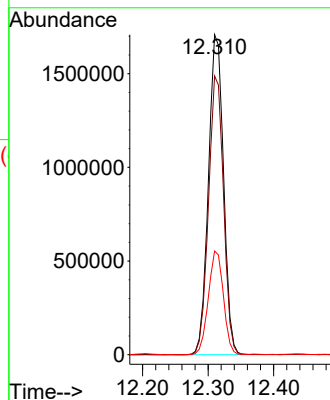
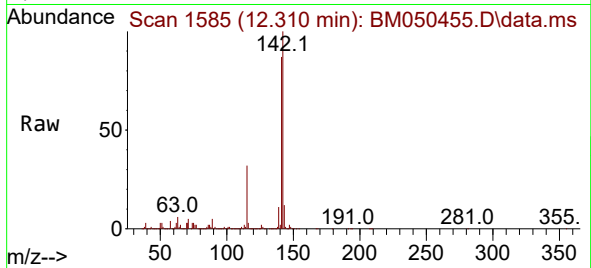




#37
2-Methylnaphthalene
Concen: 40.033 ng
RT: 12.310 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

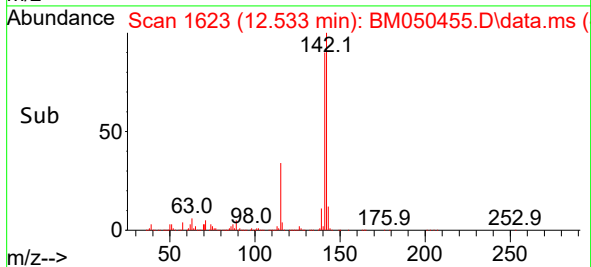
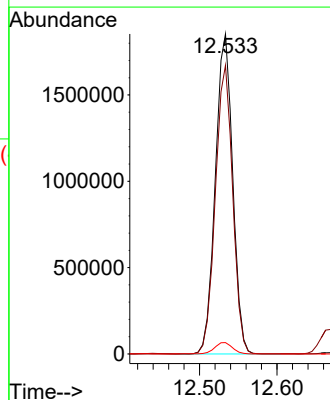
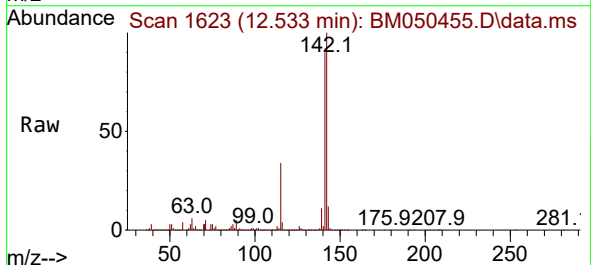
Instrument :
BNA_M
ClientSampleId :
TP-18MS

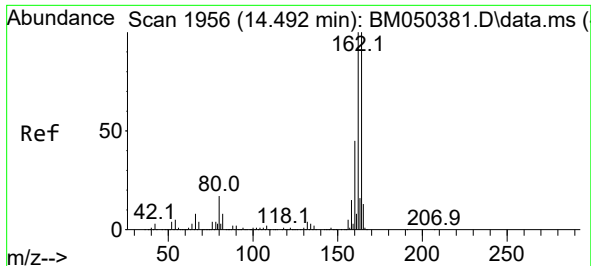
Tgt Ion:142 Resp: 2741311
Ion Ratio Lower Upper
142 100
141 87.1 70.8 106.2
115 32.4 27.0 40.4



#38
1-Methylnaphthalene
Concen: 39.762 ng
RT: 12.533 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:142 Resp: 2881486
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9
116 3.6 3.0 4.6

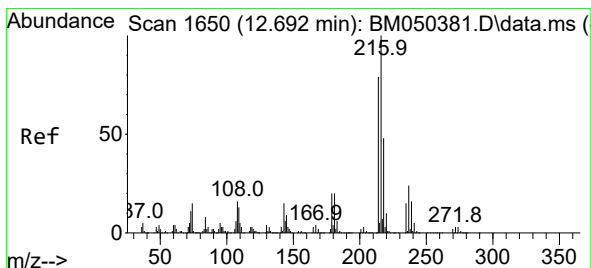
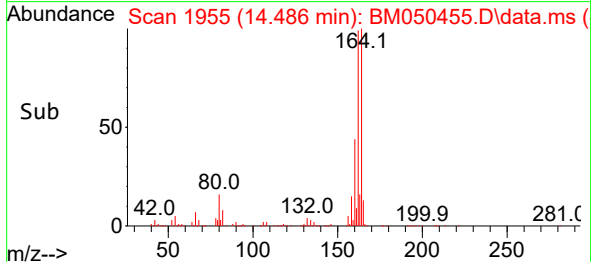
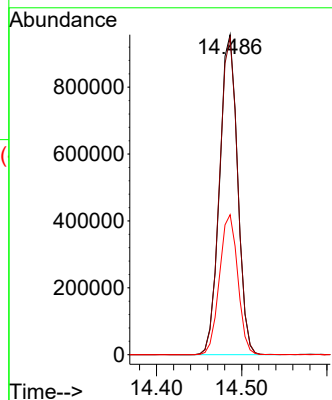
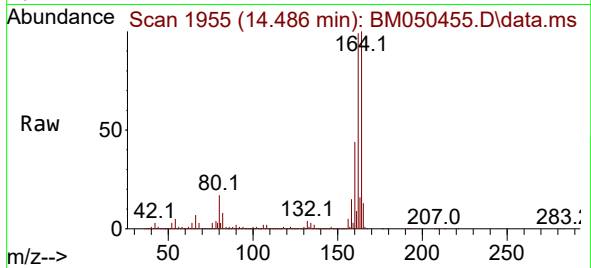




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

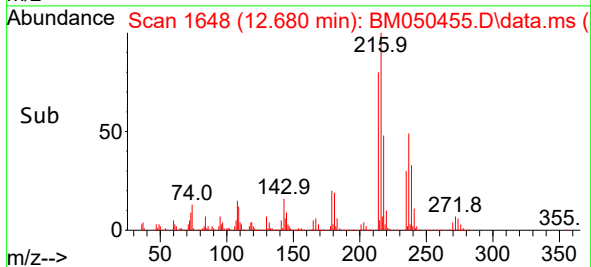
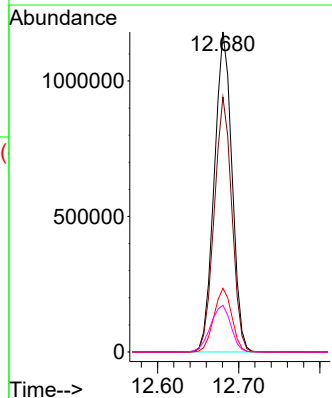
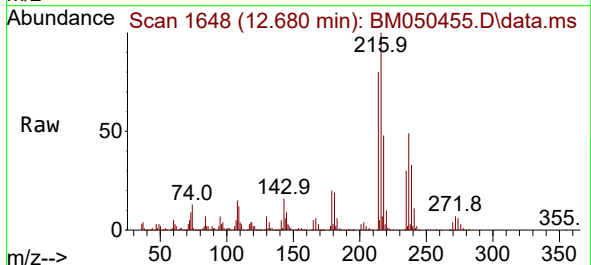
Instrument :
BNA_M
ClientSampleId :
TP-18MS

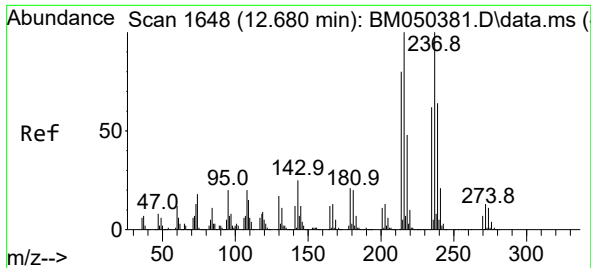
Tgt Ion:164 Resp: 1406721
Ion Ratio Lower Upper
164 100
162 99.1 79.9 119.9
160 43.8 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.989 ng
RT: 12.680 min Scan# 1648
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:216 Resp: 1788912
Ion Ratio Lower Upper
216 100
214 79.1 63.3 94.9
179 20.1 16.4 24.6
108 16.9 13.9 20.9

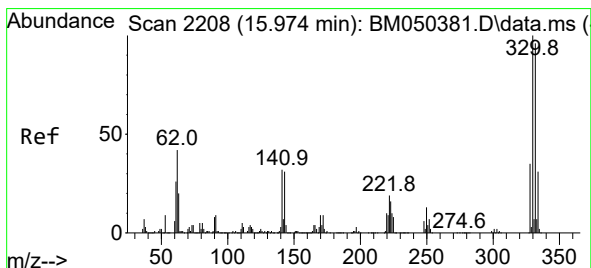
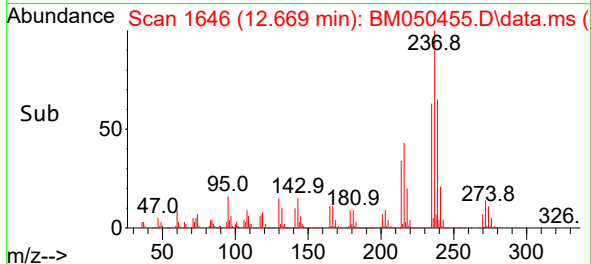
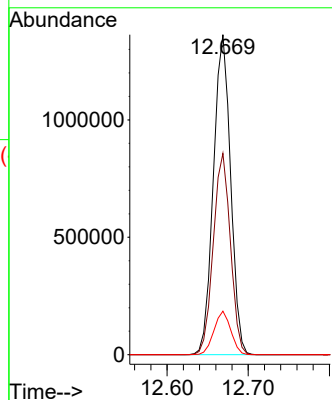
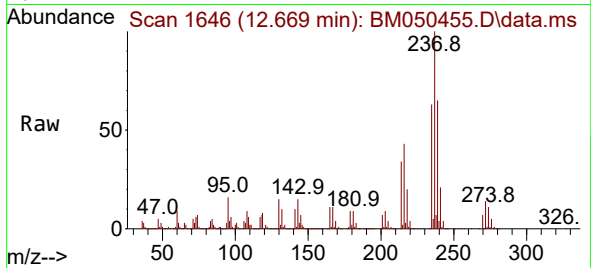




#41
Hexachlorocyclopentadiene
Concen: 70.133 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

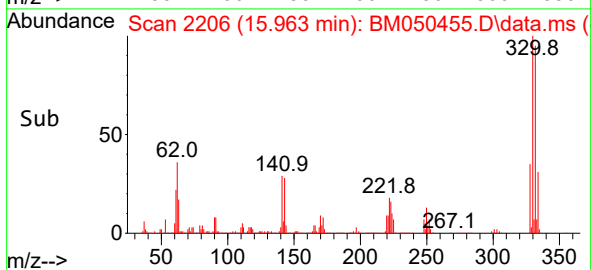
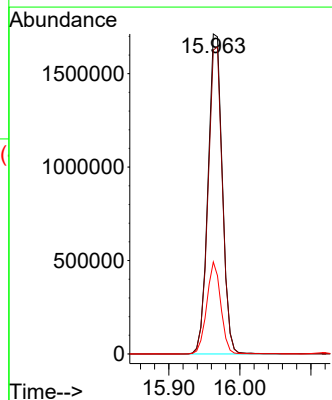
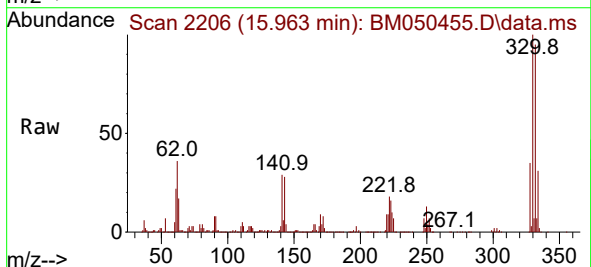
Instrument :
BNA_M
ClientSampleId :
TP-18MS

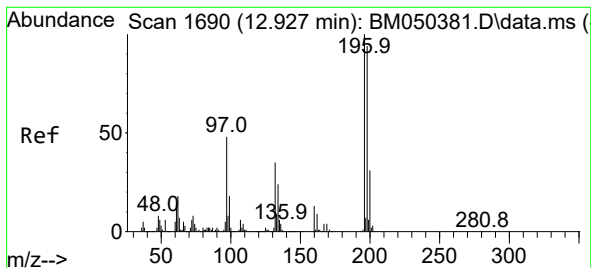
Tgt Ion:237 Resp: 2005480
Ion Ratio Lower Upper
237 100
235 62.9 42.3 82.3
272 13.6 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 140.220 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:330 Resp: 2396618
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 28.2 27.4 41.0





#43

2,4,6-Trichlorophenol

Concen: 45.612 ng

RT: 12.916 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Instrument :

BNA_M

ClientSampleId :

TP-18MS

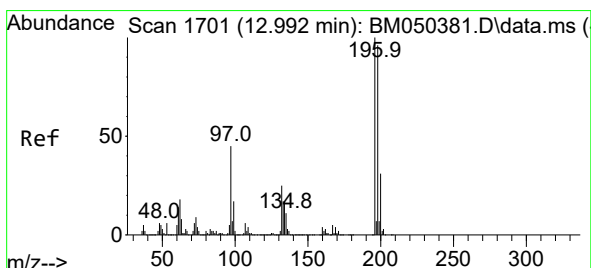
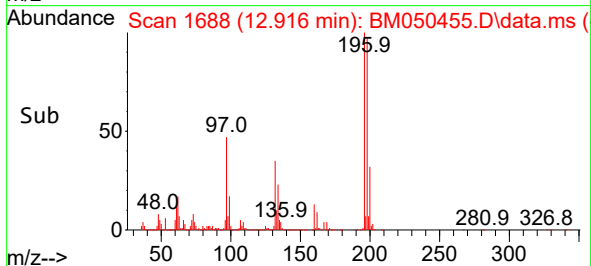
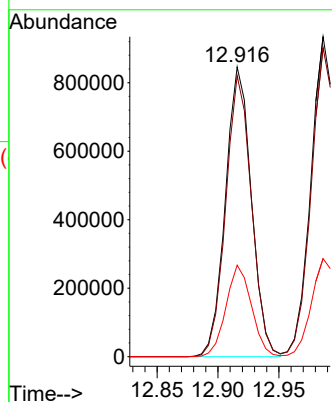
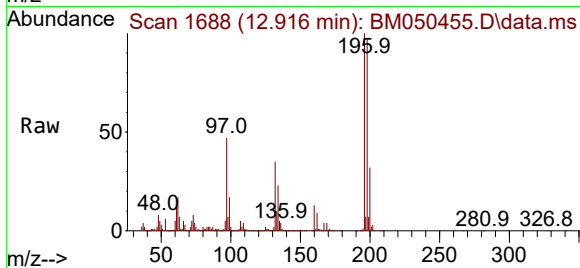
Tgt Ion:196 Resp: 1255977

Ion Ratio Lower Upper

196 100

198 97.0 75.1 112.7

200 31.6 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 45.918 ng

RT: 12.986 min Scan# 1700

Delta R.T. -0.006 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Tgt Ion:196 Resp: 1380877

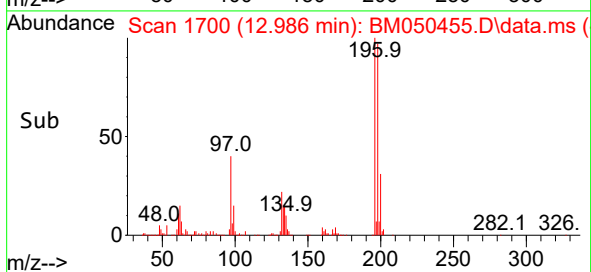
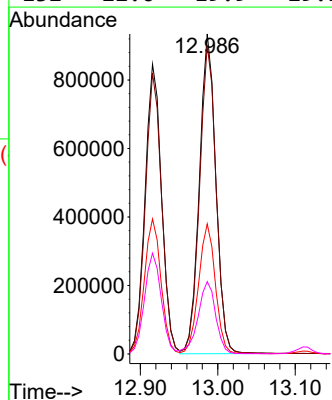
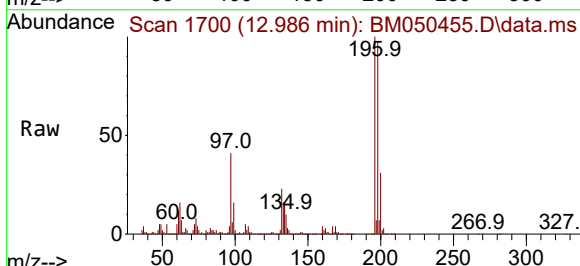
Ion Ratio Lower Upper

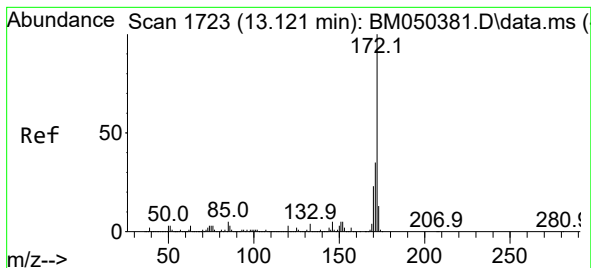
196 100

198 96.6 77.2 115.8

97 40.7 36.2 54.4

132 22.6 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 65.806 ng

RT: 13.110 min Scan# 1721

Delta R.T. -0.012 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Instrument :

BNA_M

ClientSampleId :

TP-18MS

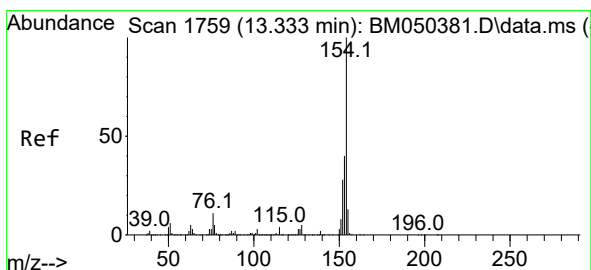
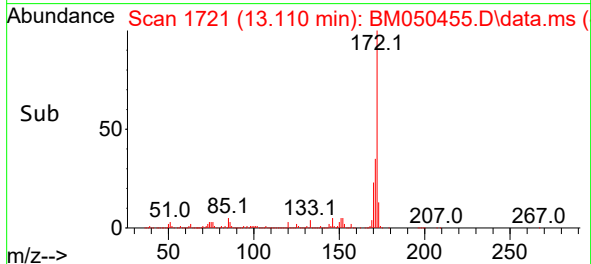
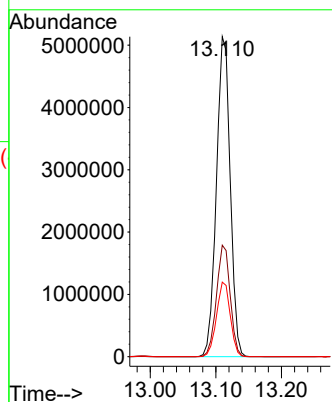
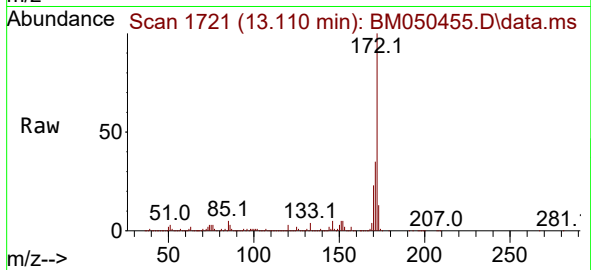
Tgt Ion:172 Resp: 7496048

Ion Ratio Lower Upper

172 100

171 34.8 27.7 41.5

170 23.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 39.763 ng

RT: 13.322 min Scan# 1757

Delta R.T. -0.012 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

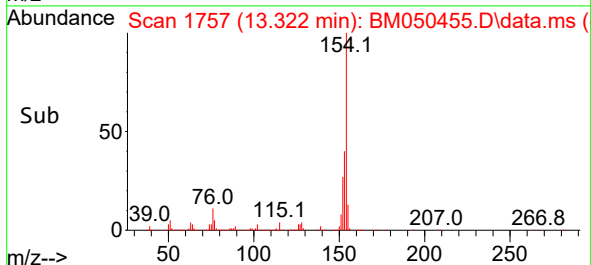
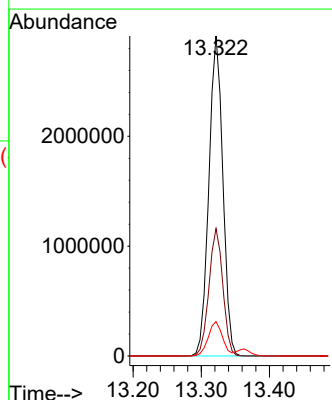
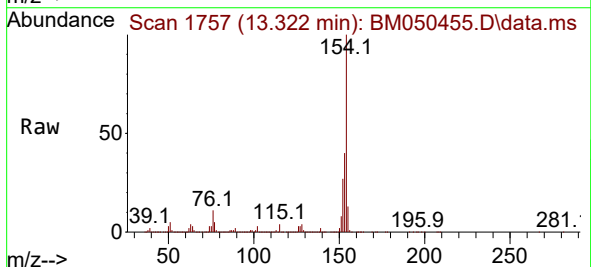
Tgt Ion:154 Resp: 4150029

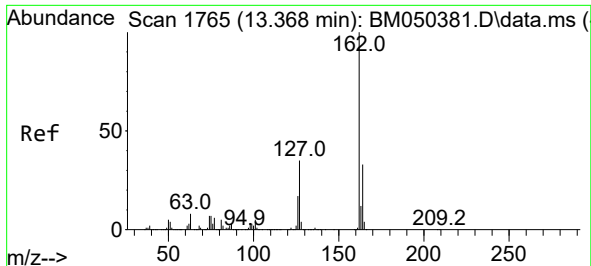
Ion Ratio Lower Upper

154 100

153 39.8 19.7 59.7

76 10.8 0.0 30.9

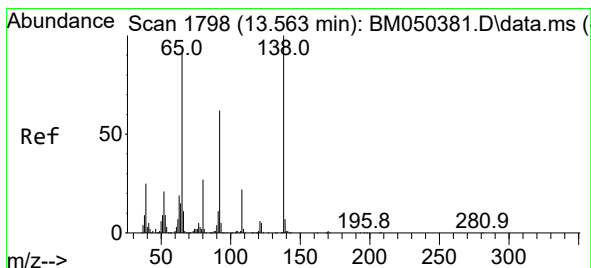
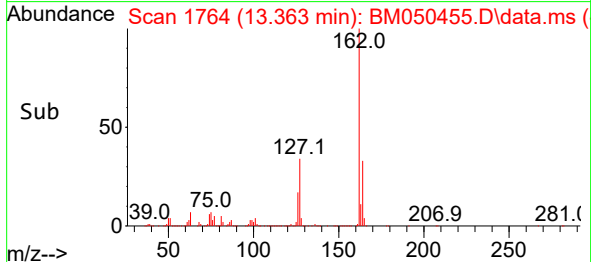
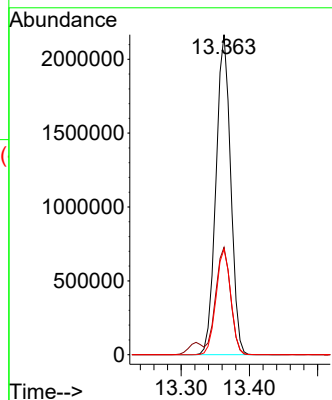
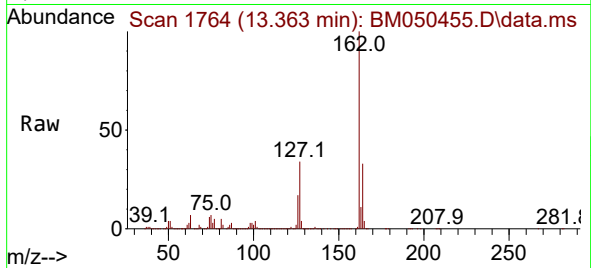




#47
2-Chloronaphthalene
Concen: 39.069 ng
RT: 13.363 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

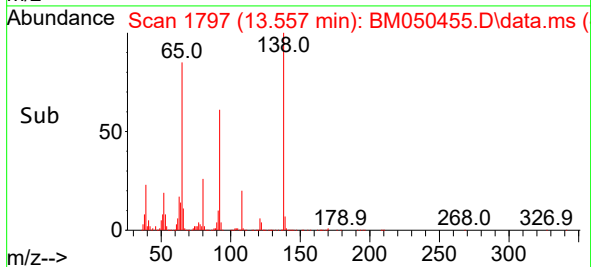
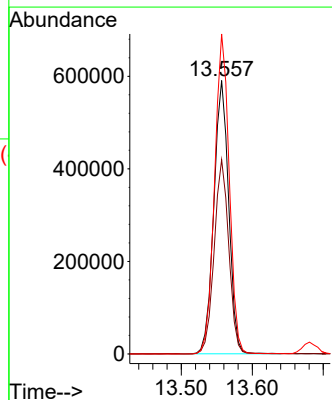
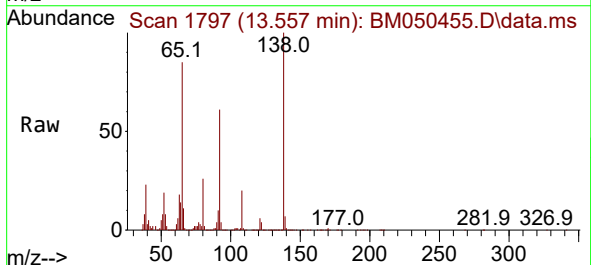
Instrument :
BNA_M
ClientSampleId :
TP-18MS

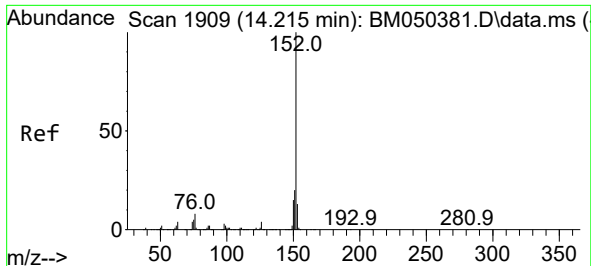
Tgt Ion:162 Resp: 3251114
Ion Ratio Lower Upper
162 100
127 33.6 28.3 42.5
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 46.044 ng
RT: 13.557 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion: 65 Resp: 855238
Ion Ratio Lower Upper
65 100
92 71.0 54.3 81.5
138 117.0 87.8 131.6

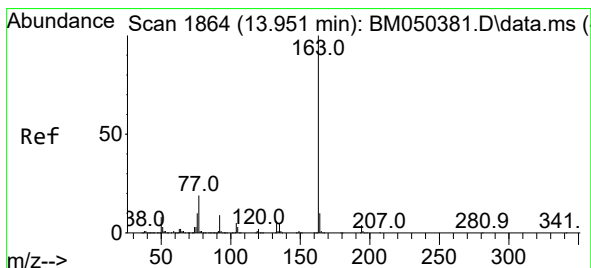
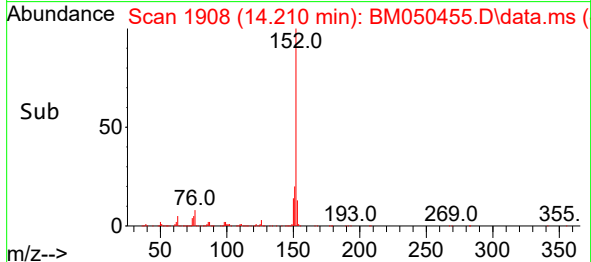
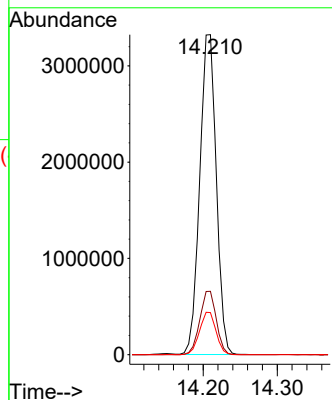
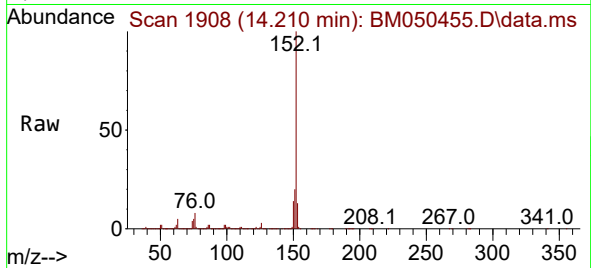




#49
Acenaphthylene
Concen: 40.970 ng
RT: 14.210 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

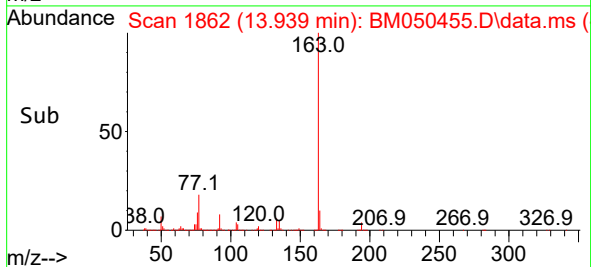
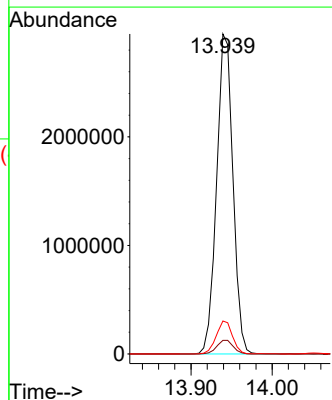
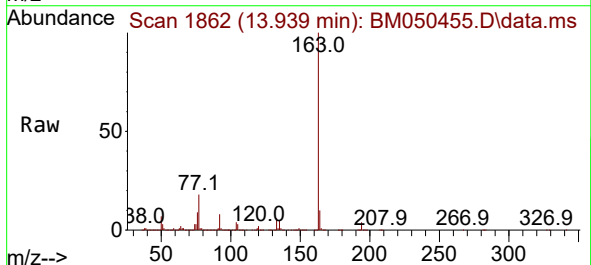
Instrument :
BNA_M
ClientSampleId :
TP-18MS

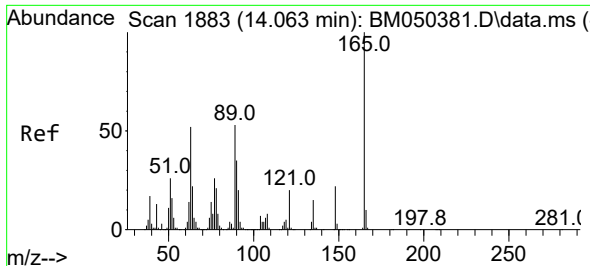
Tgt Ion:152 Resp: 5152370
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 42.546 ng
RT: 13.939 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:163 Resp: 4120554
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.3 8.2 12.2

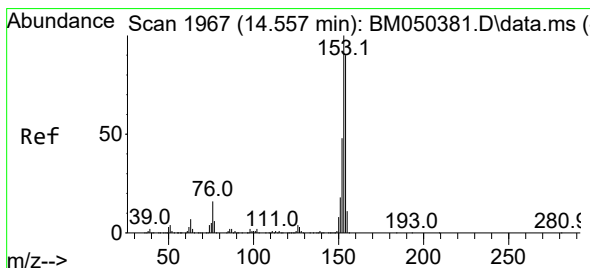
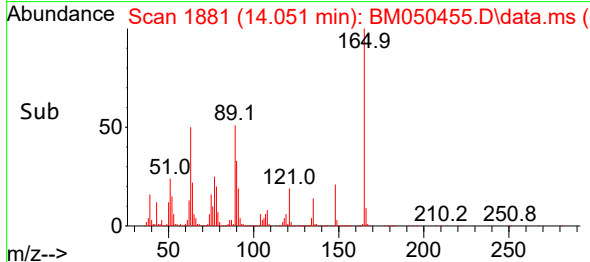
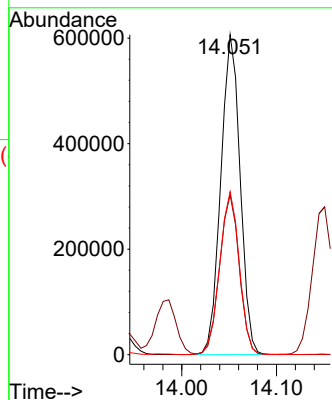
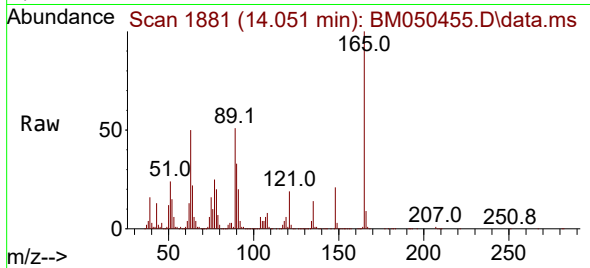




#51
2,6-Dinitrotoluene
Concen: 46.249 ng
RT: 14.051 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

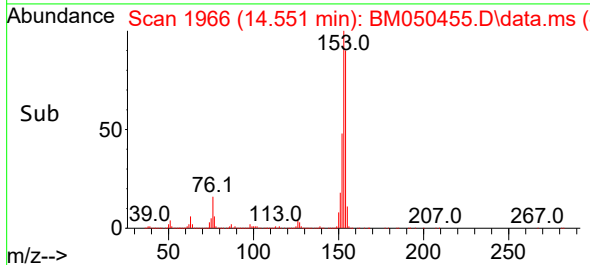
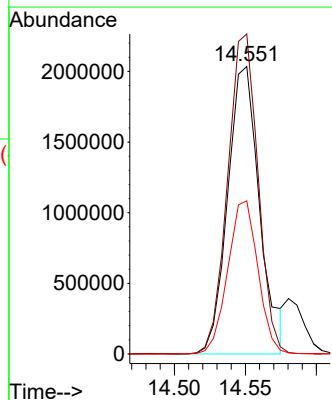
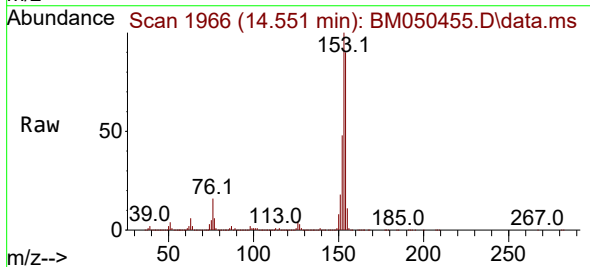
Instrument :
BNA_M
ClientSampleId :
TP-18MS

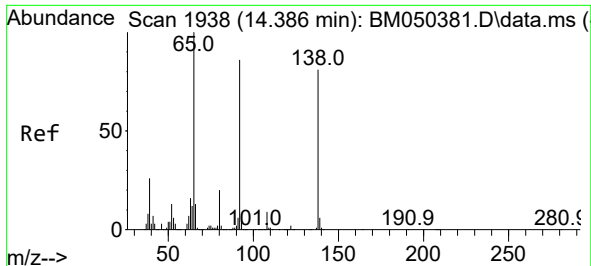
Tgt Ion:165 Resp: 860025
Ion Ratio Lower Upper
165 100
63 50.0 42.4 63.6
89 51.0 42.2 63.2



#52
Acenaphthene
Concen: 39.808 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:154 Resp: 3182821
Ion Ratio Lower Upper
154 100
153 111.3 89.2 133.8
152 53.2 42.6 64.0

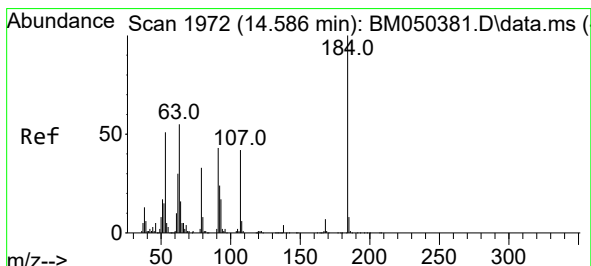
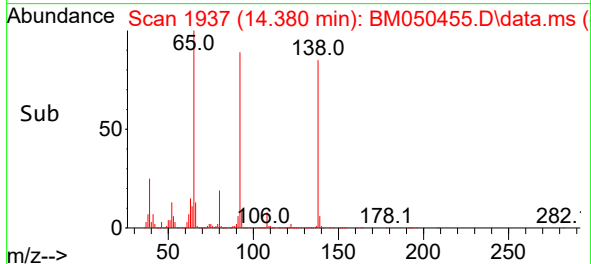
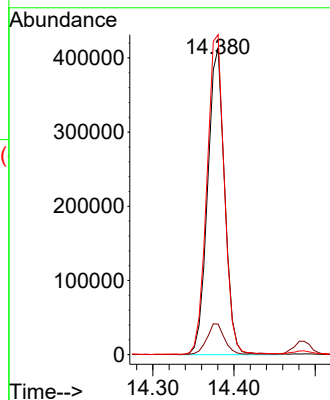
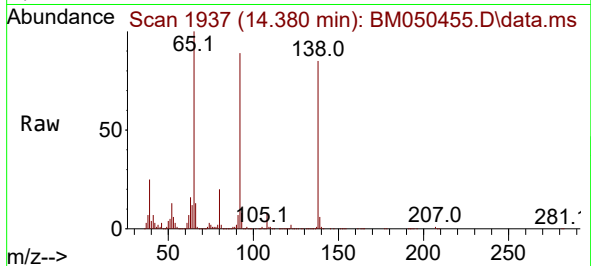




#53
3-Nitroaniline
Concen: 30.512 ng
RT: 14.380 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

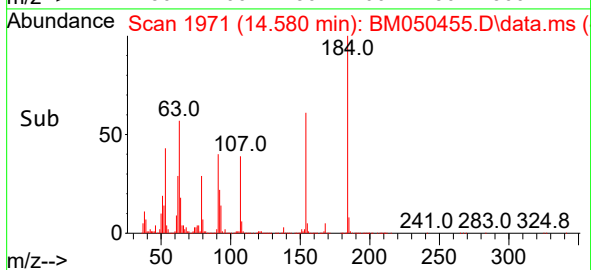
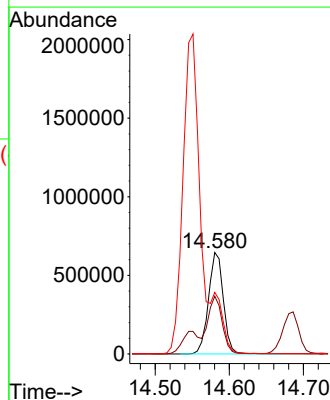
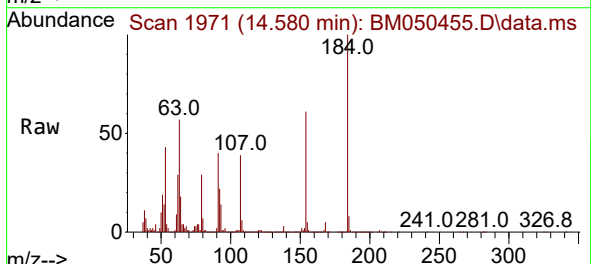
Instrument :
BNA_M
ClientSampleId :
TP-18MS

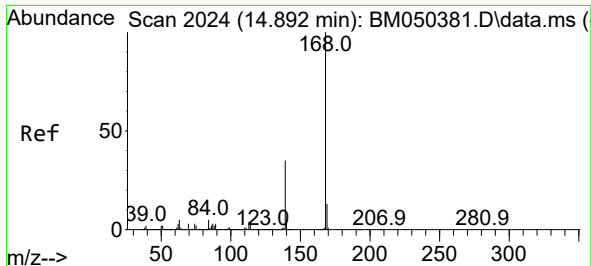
Tgt Ion:138 Resp: 603399
Ion Ratio Lower Upper
138 100
108 10.0 8.8 13.2
92 104.3 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 87.045 ng
RT: 14.580 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:184 Resp: 899464
Ion Ratio Lower Upper
184 100
63 57.0 53.4 80.0
154 60.8 61.6 92.4#

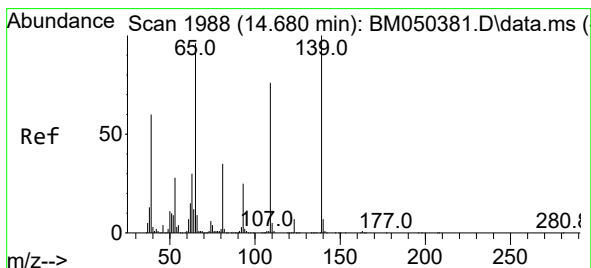
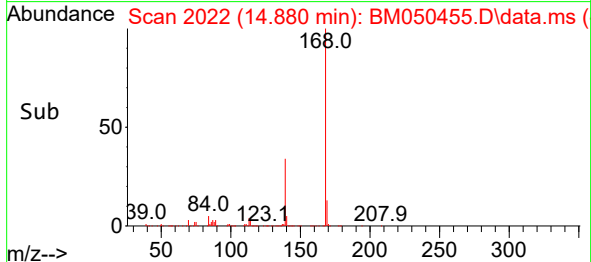
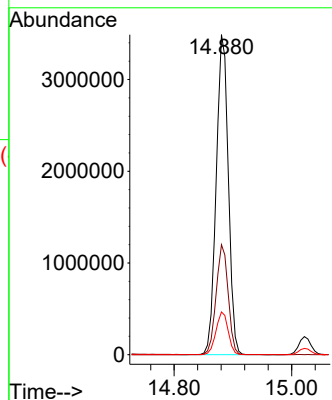
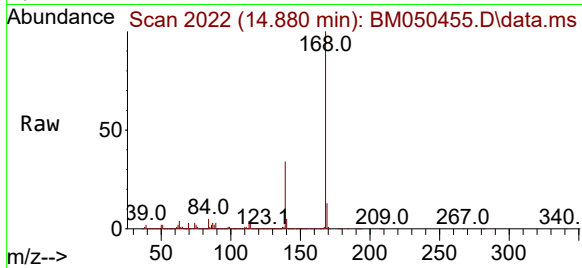




#55
Dibenzenofuran
Concen: 40.431 ng
RT: 14.880 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

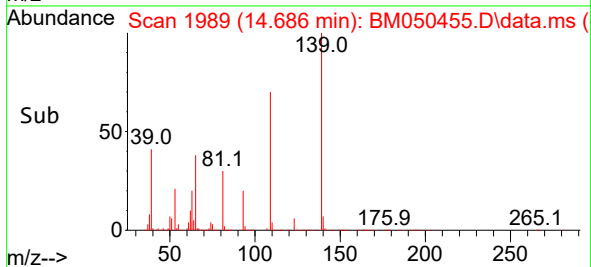
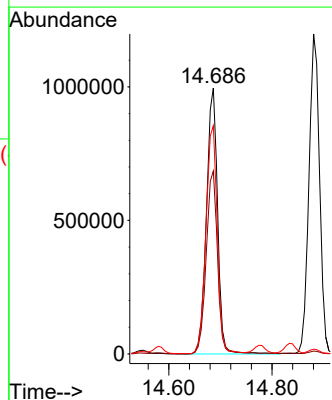
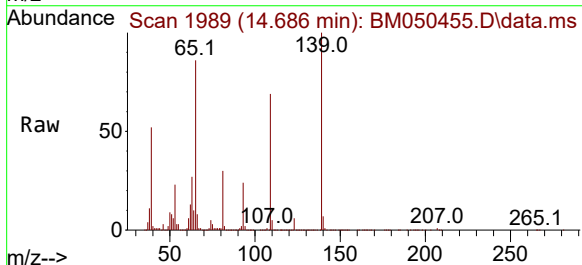
Instrument :
BNA_M
ClientSampleId :
TP-18MS

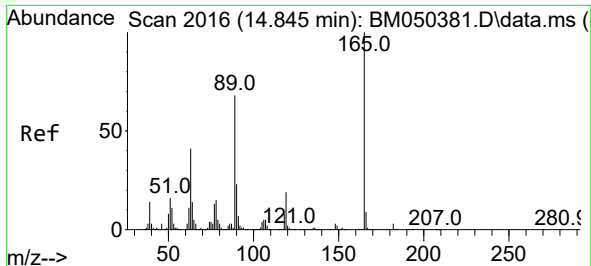
Tgt Ion:168 Resp: 4980853
Ion Ratio Lower Upper
168 100
139 34.3 27.7 41.5
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 87.491 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:139 Resp: 1487936
Ion Ratio Lower Upper
139 100
109 68.7 56.5 96.5
65 85.8 76.4 116.4

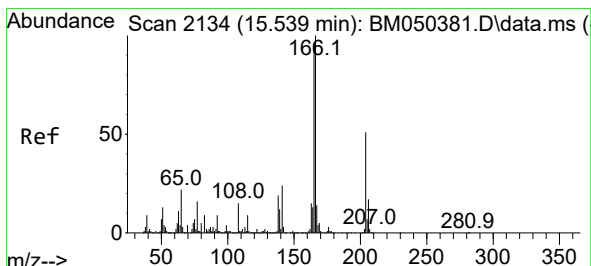
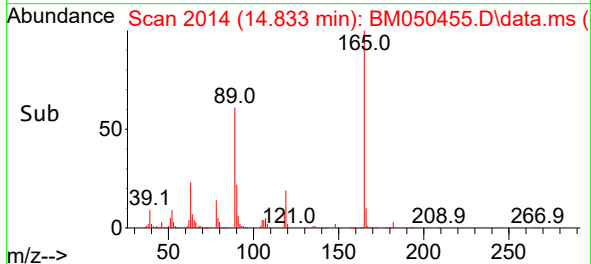
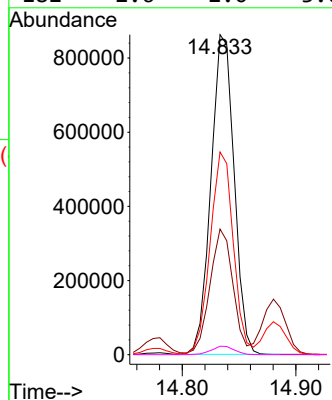
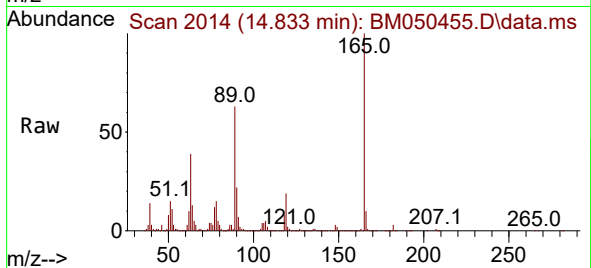




#57
2,4-Dinitrotoluene
Concen: 44.128 ng
RT: 14.833 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

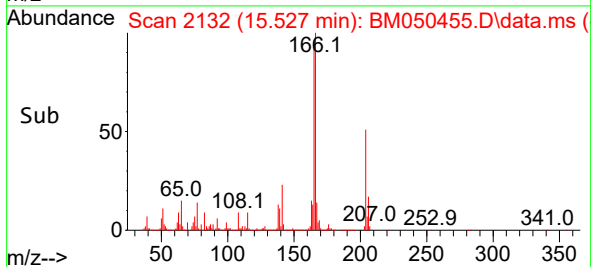
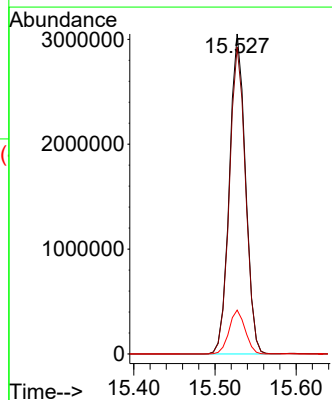
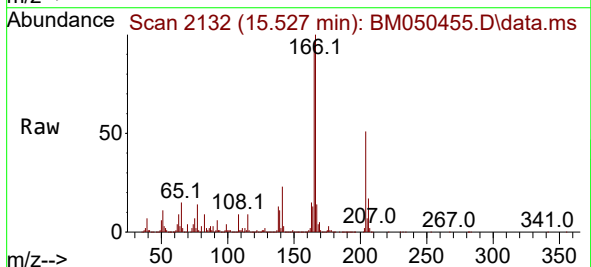
Instrument :
BNA_M
ClientSampleId :
TP-18MS

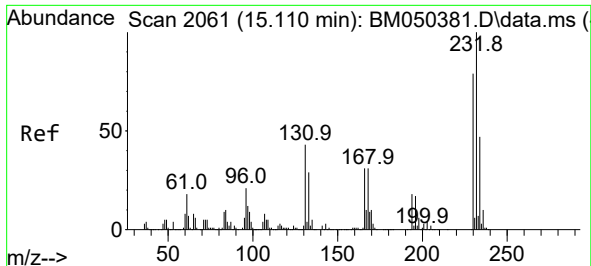
Tgt Ion:165 Resp: 1221917
Ion Ratio Lower Upper
165 100
63 39.2 32.5 48.7
89 63.4 54.0 81.0
182 2.6 2.0 3.0



#58
Fluorene
Concen: 41.421 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:166 Resp: 4202985
Ion Ratio Lower Upper
166 100
165 96.0 77.0 115.6
167 13.7 10.9 16.3

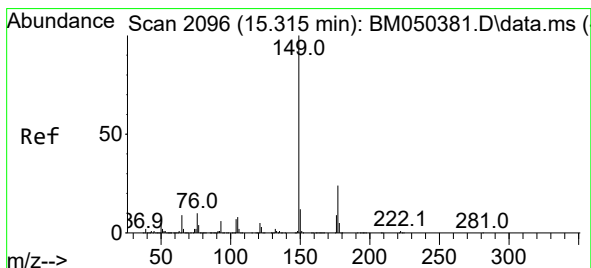
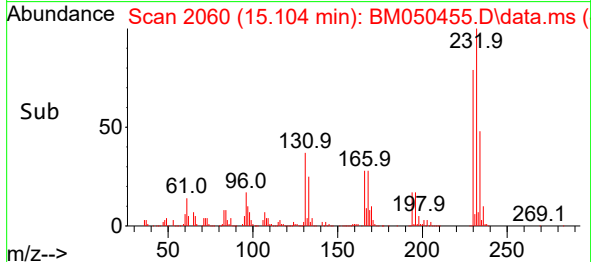
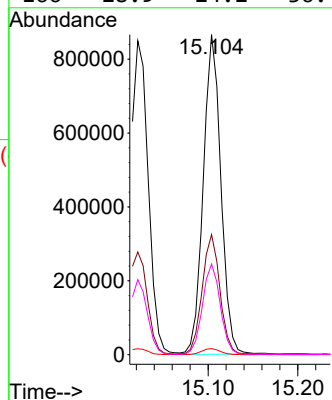
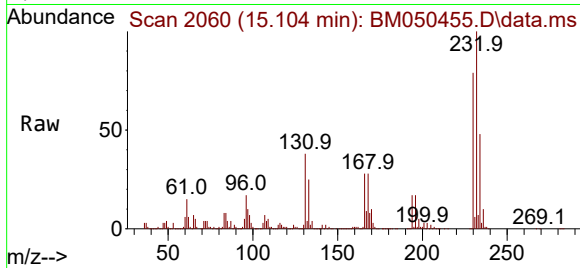




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.627 ng
RT: 15.104 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

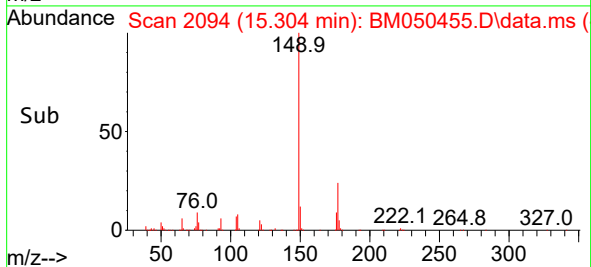
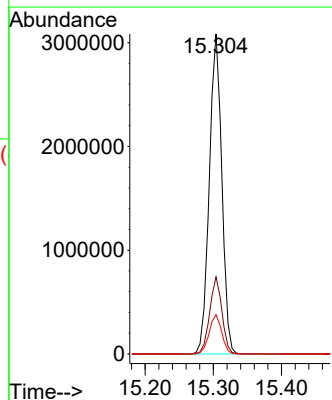
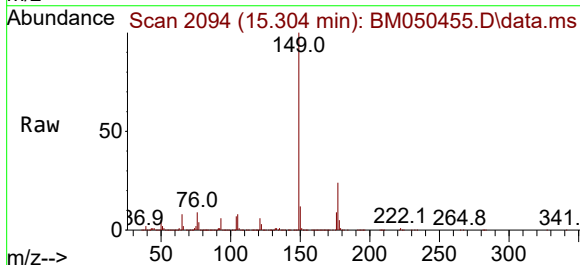
Instrument :
BNA_M
ClientSampleId :
TP-18MS

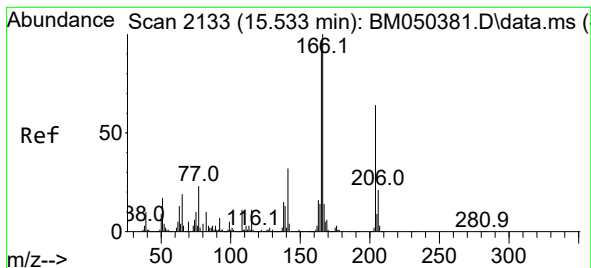
Tgt Ion:232 Resp: 1180371
Ion Ratio Lower Upper
232 100
131 38.2 33.4 50.0
130 2.1 1.8 2.6
166 28.9 24.2 36.4



#60
Diethylphthalate
Concen: 42.536 ng
RT: 15.304 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:149 Resp: 3935219
Ion Ratio Lower Upper
149 100
177 24.0 18.8 28.2
150 12.3 9.8 14.8

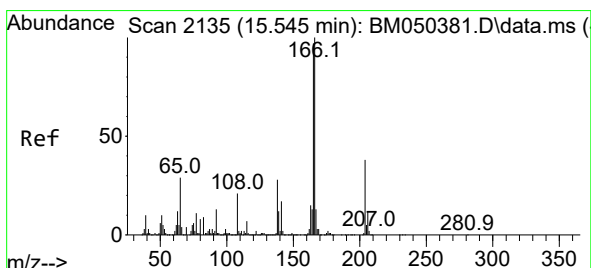
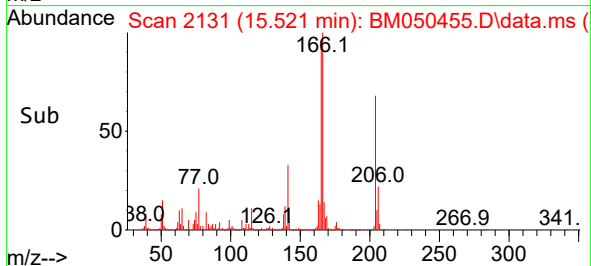
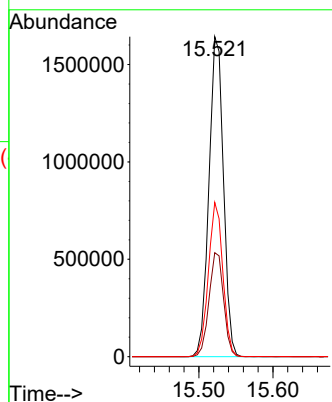
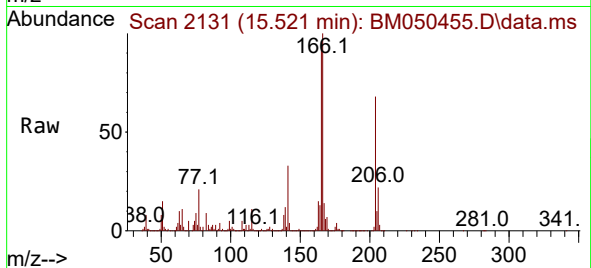




#61
4-Chlorophenyl-phenylether
Concen: 42.030 ng
RT: 15.521 min Scan# 2131
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

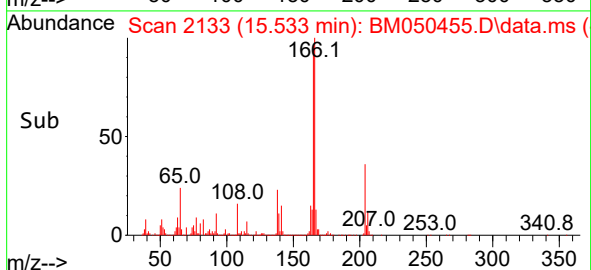
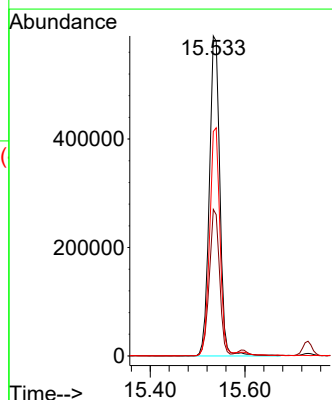
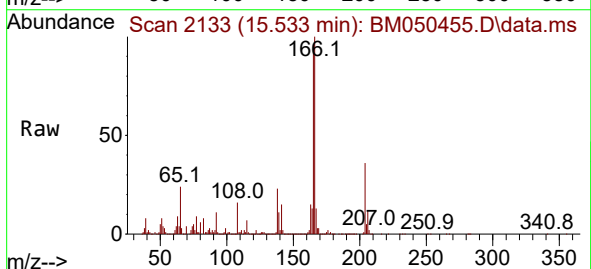
Instrument :
BNA_M
ClientSampleId :
TP-18MS

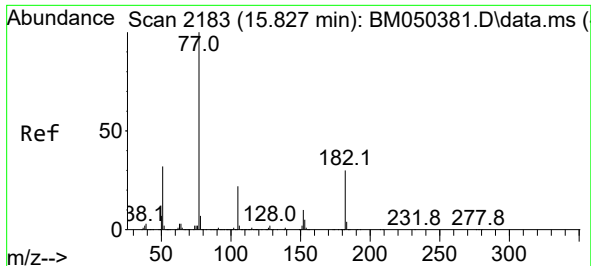
Tgt Ion:204 Resp: 2230029
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 48.2 39.9 59.9



#62
4-Nitroaniline
Concen: 40.457 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:138 Resp: 910024
Ion Ratio Lower Upper
138 100
92 45.8 24.5 64.5
108 70.1 52.5 92.5

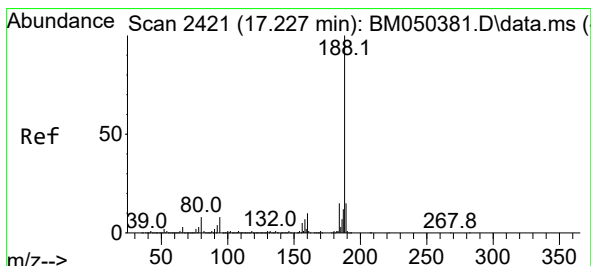
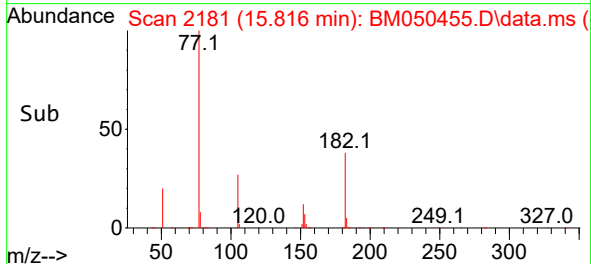
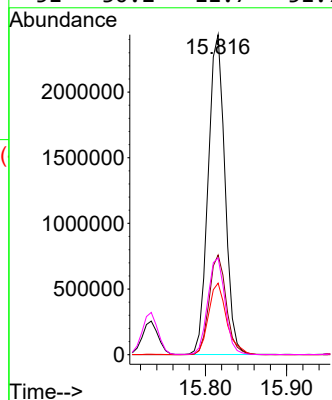
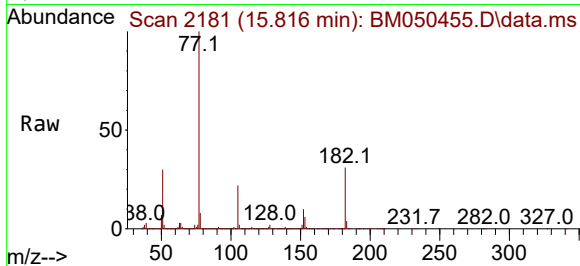




#63
Azobenzene
Concen: 41.012 ng
RT: 15.816 min Scan# 2183
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

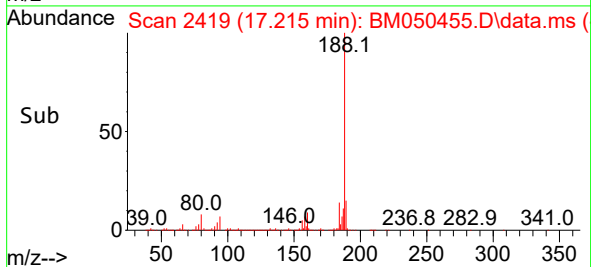
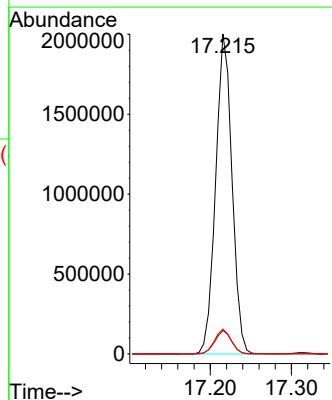
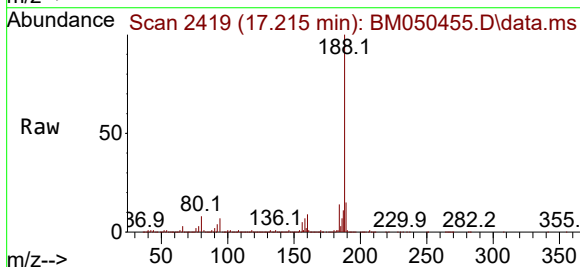
Instrument :
BNA_M
ClientSampleId :
TP-18MS

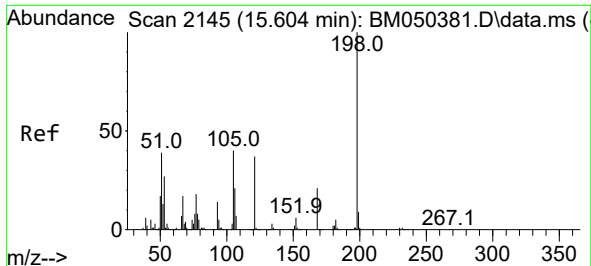
Tgt Ion: 77 Resp: 3484030
Ion Ratio Lower Upper
77 100
182 31.2 10.0 50.0
105 22.3 2.0 42.0
51 30.2 11.7 51.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:188 Resp: 2803606
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 7.8 6.5 9.7

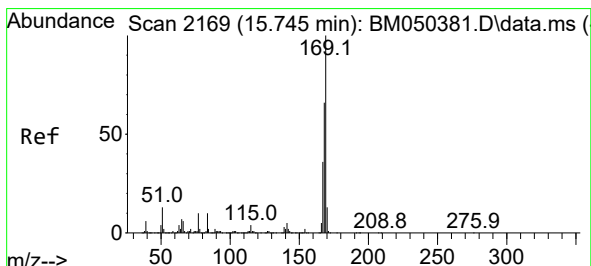
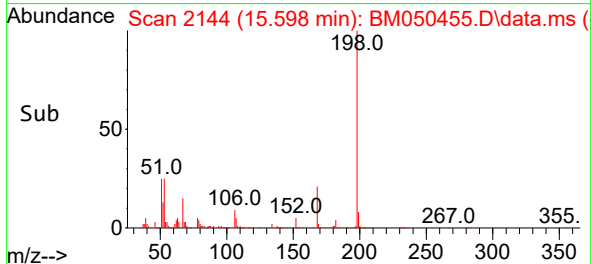
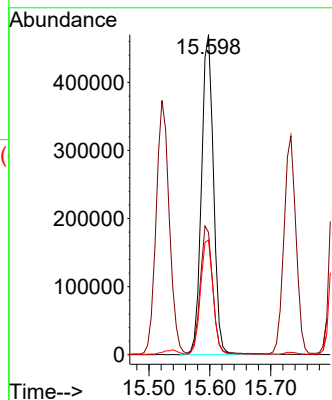
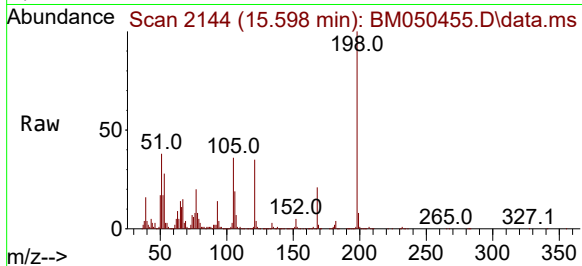




#65
4,6-Dinitro-2-methylphenol
Concen: 43.411 ng
RT: 15.598 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

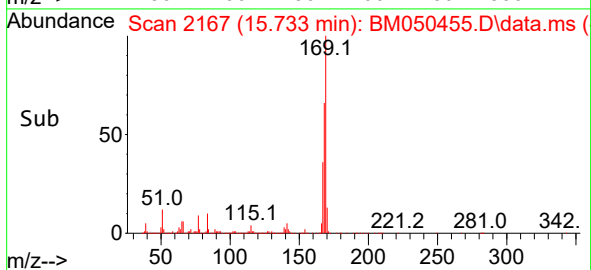
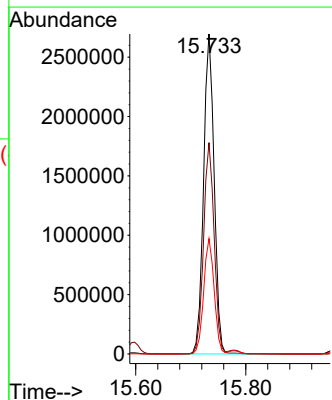
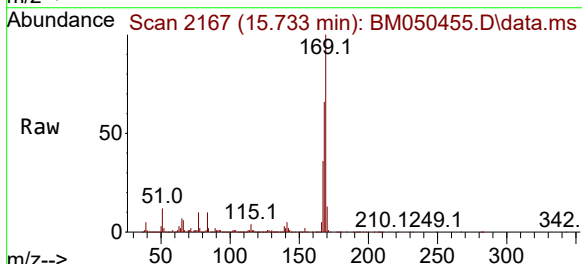
Instrument :
BNA_M
ClientSampleId :
TP-18MS

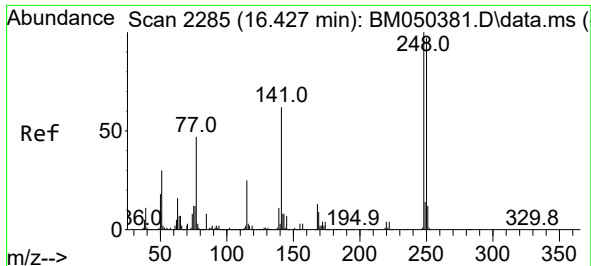
Tgt Ion:198 Resp: 643973
Ion Ratio Lower Upper
198 100
51 38.3 26.6 66.6
105 35.8 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 41.081 ng
RT: 15.733 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:169 Resp: 3603970
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.0 28.7 43.1

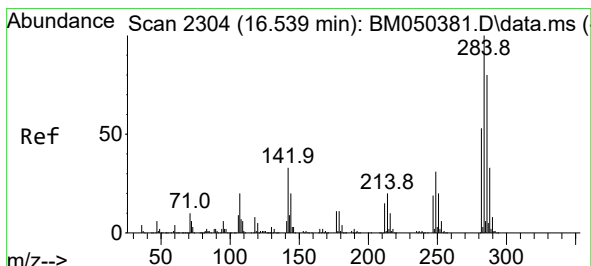
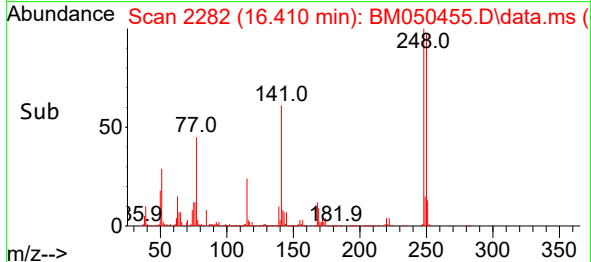
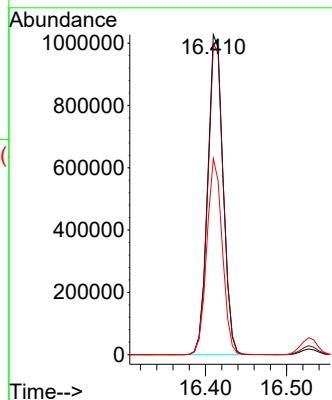
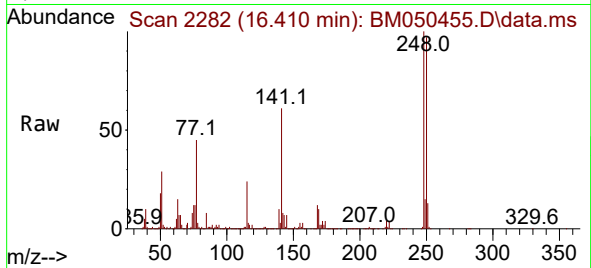




#67
4-Bromophenyl-phenylether
Concen: 43.595 ng
RT: 16.410 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

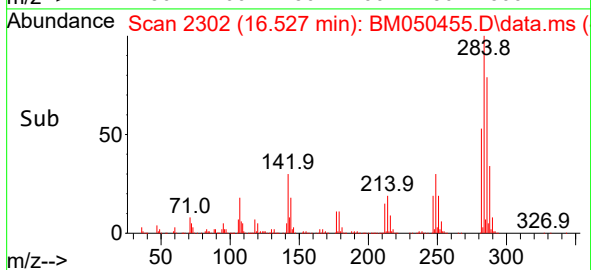
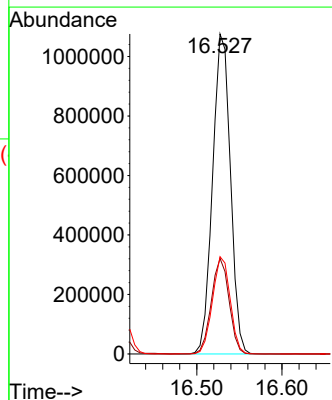
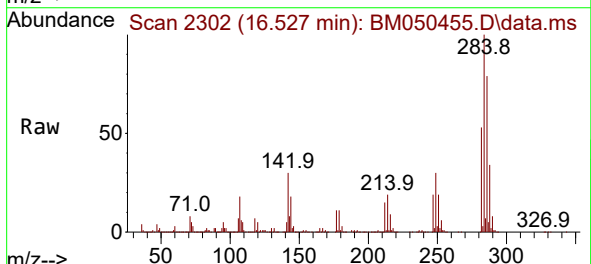
Instrument :
BNA_M
ClientSampleId :
TP-18MS

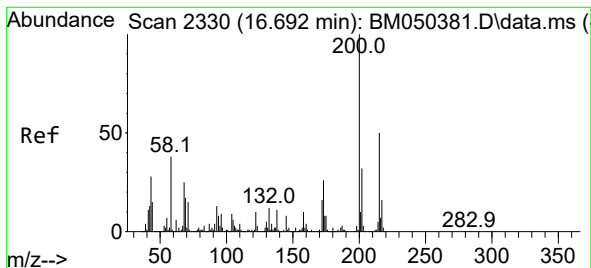
Tgt Ion:248 Resp: 1346620
Ion Ratio Lower Upper
248 100
250 97.1 77.9 116.9
141 61.2 49.7 74.5



#68
Hexachlorobenzene
Concen: 42.878 ng
RT: 16.527 min Scan# 2302
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:284 Resp: 1564293
Ion Ratio Lower Upper
284 100
142 29.8 26.8 40.2
249 30.4 24.5 36.7





#69

Atrazine

Concen: 44.447 ng

RT: 16.680 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Instrument :

BNA_M

ClientSampleId :

TP-18MS

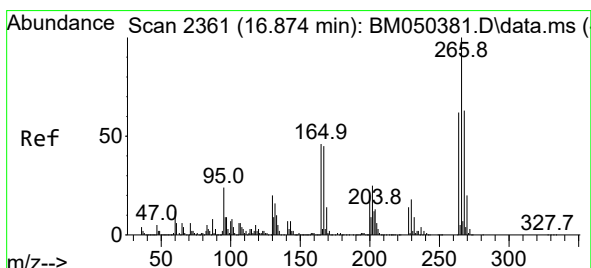
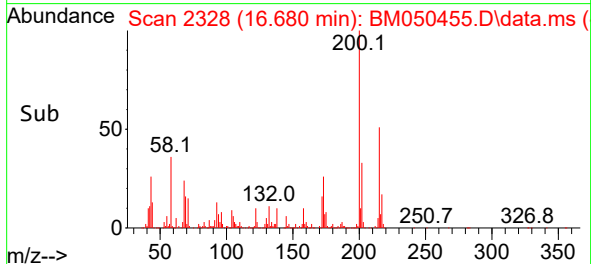
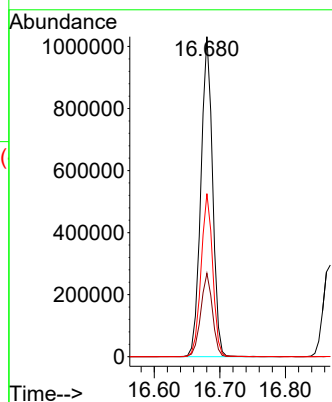
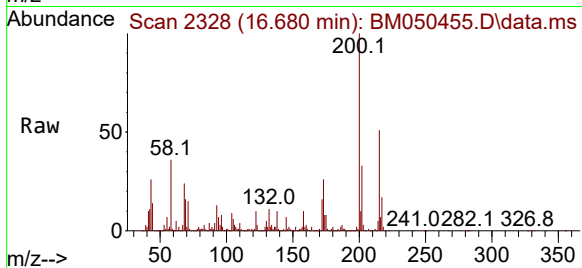
Tgt Ion:200 Resp: 1280413

Ion Ratio Lower Upper

200 100

173 26.1 5.6 45.6

215 51.0 29.6 69.6



#70

Pentachlorophenol

Concen: 97.656 ng

RT: 16.868 min Scan# 2360

Delta R.T. -0.006 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

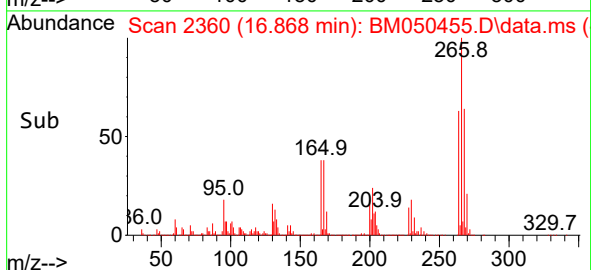
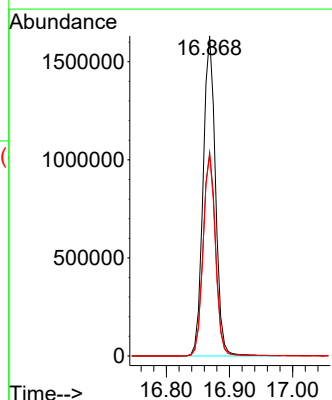
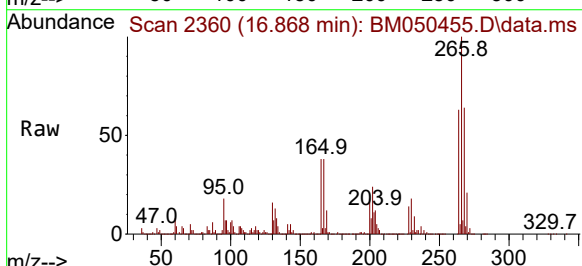
Tgt Ion:266 Resp: 2217845

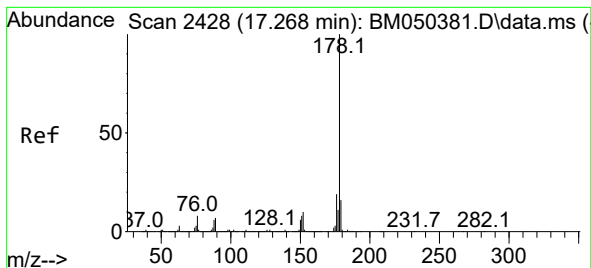
Ion Ratio Lower Upper

266 100

268 63.6 50.5 75.7

264 62.8 49.9 74.9





#71

Phenanthrene

Concen: 40.581 ng

RT: 17.257 min Scan# 2426

Delta R.T. -0.012 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Instrument :

BNA_M

ClientSampleId :

TP-18MS

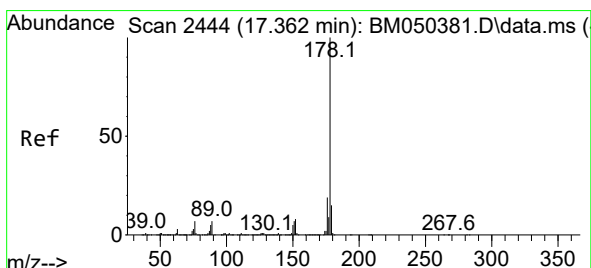
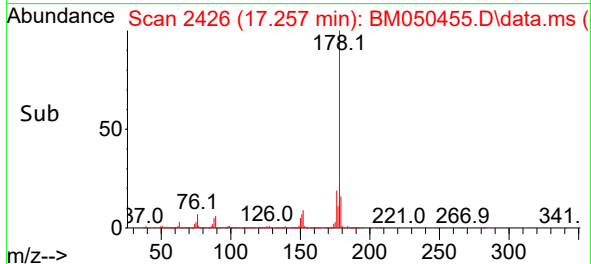
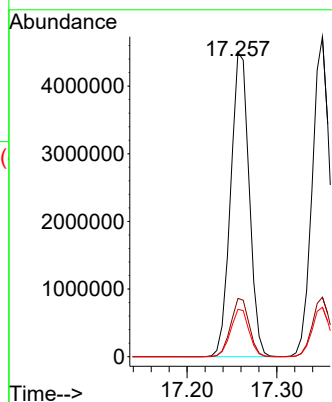
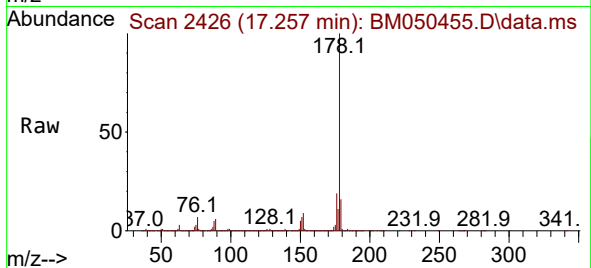
Tgt Ion:178 Resp: 6437864

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.6 12.5 18.7



#72

Anthracene

Concen: 41.390 ng

RT: 17.351 min Scan# 2442

Delta R.T. -0.012 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

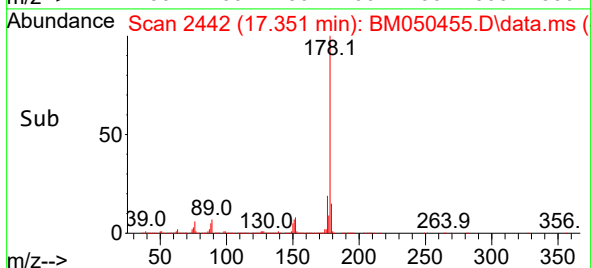
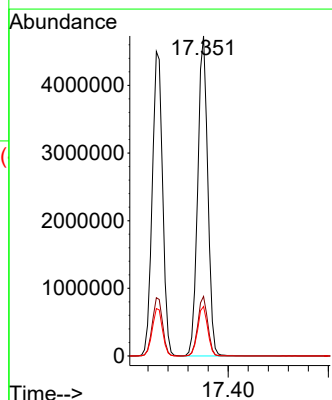
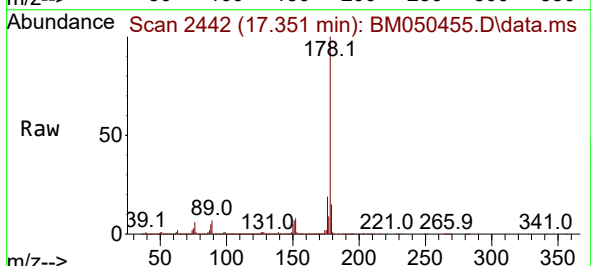
Tgt Ion:178 Resp: 6536019

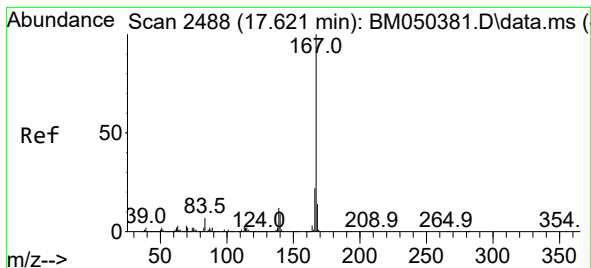
Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.5 12.2 18.4





#73

Carbazole

Concen: 42.275 ng

RT: 17.615 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Instrument :

BNA_M

ClientSampleId :

TP-18MS

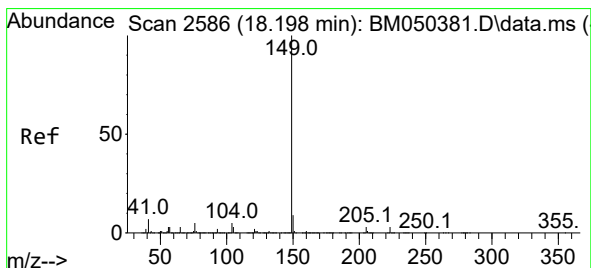
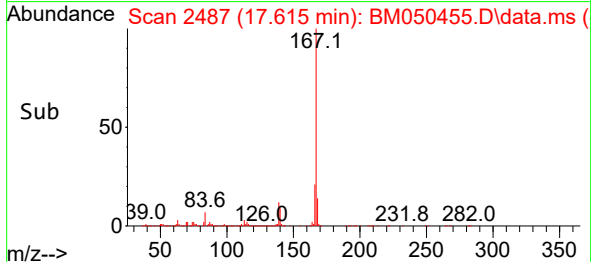
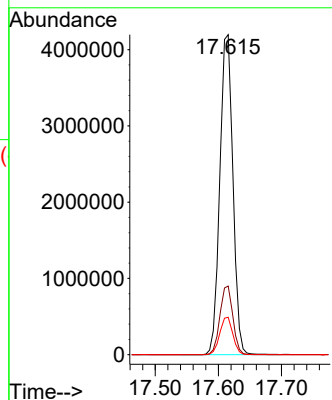
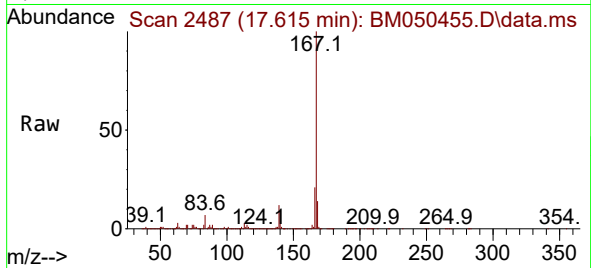
Tgt Ion:167 Resp: 6040438

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 11.7 9.9 14.9



#74

Di-n-butylphthalate

Concen: 43.786 ng

RT: 18.180 min Scan# 2583

Delta R.T. -0.017 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

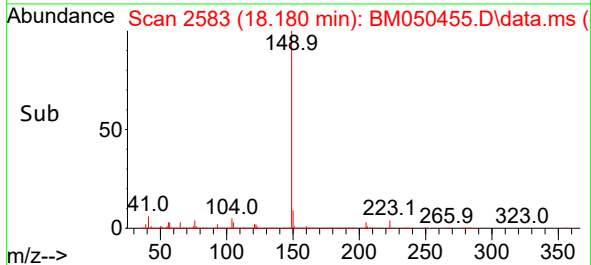
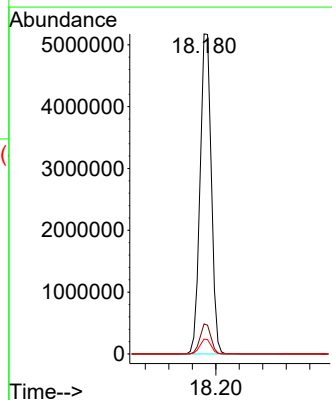
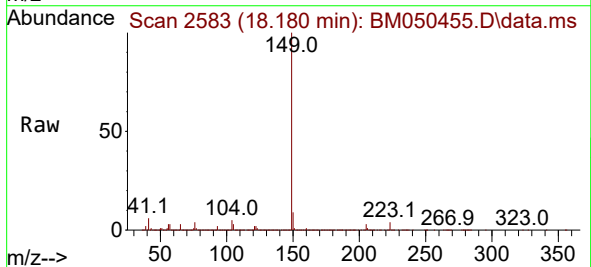
Tgt Ion:149 Resp: 6847843

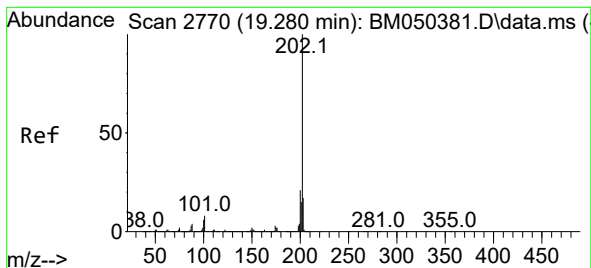
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 4.7 3.9 5.9





#75

Fluoranthene

Concen: 44.068 ng

RT: 19.262 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Instrument :

BNA_M

ClientSampleId :

TP-18MS

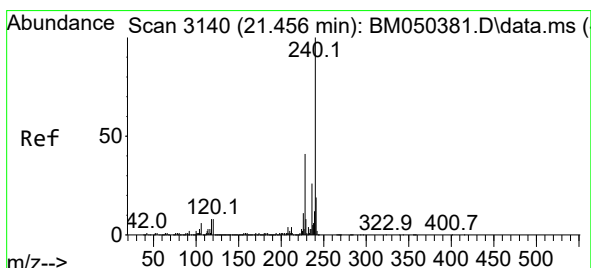
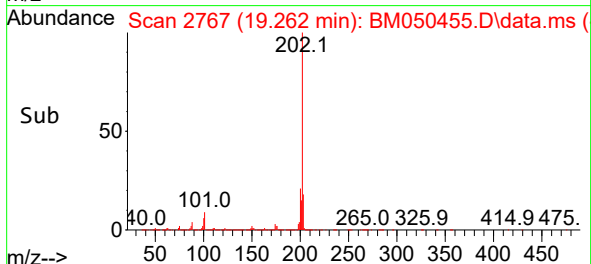
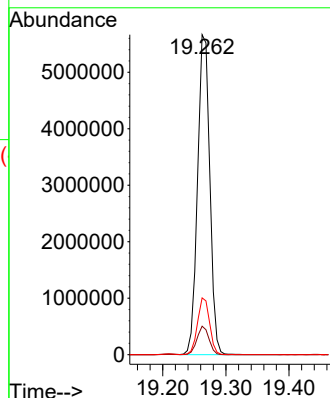
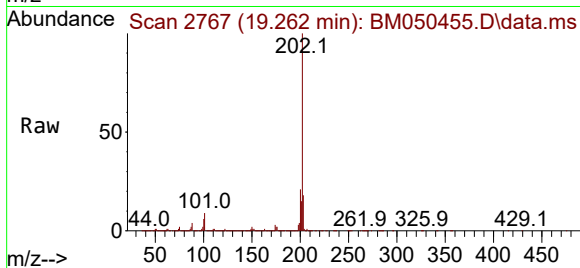
Tgt Ion:202 Resp: 7600062

Ion Ratio Lower Upper

202 100

101 8.9 0.0 28.3

203 17.7 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3137

Delta R.T. -0.017 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

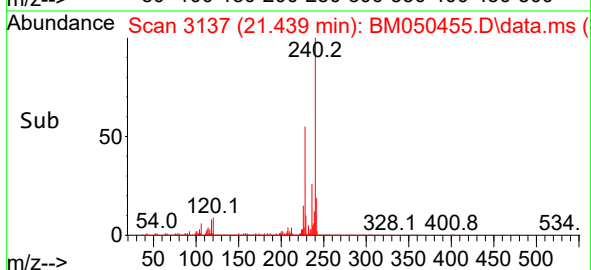
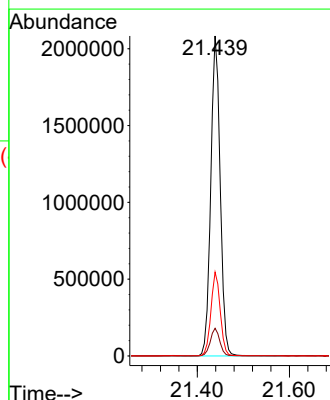
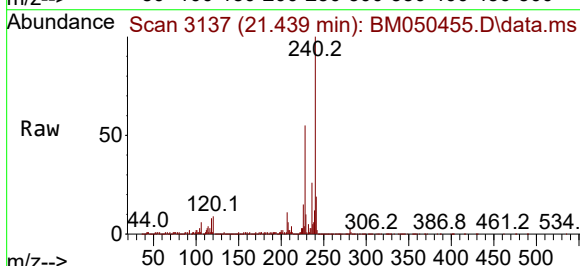
Tgt Ion:240 Resp: 2966394

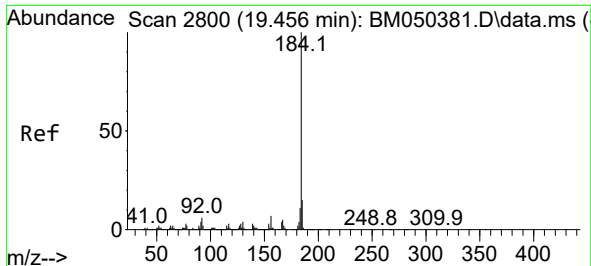
Ion Ratio Lower Upper

240 100

120 8.7 6.7 10.1

236 26.2 20.7 31.1

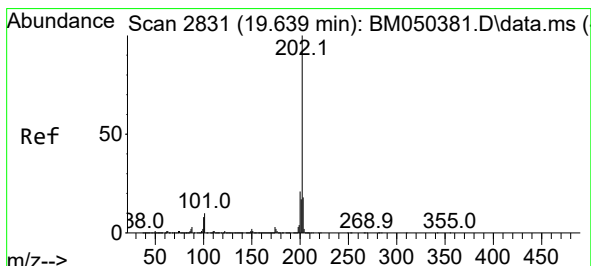
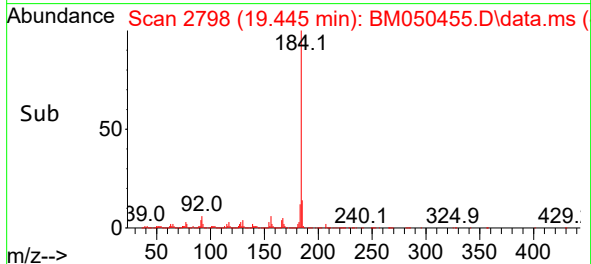
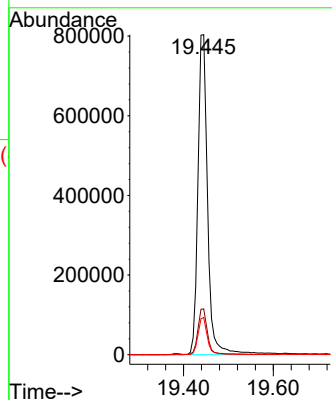
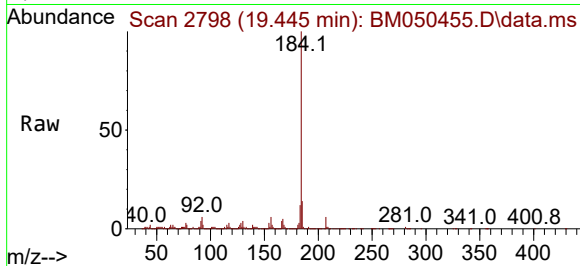




#77
Benzidine
Concen: 16.009 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

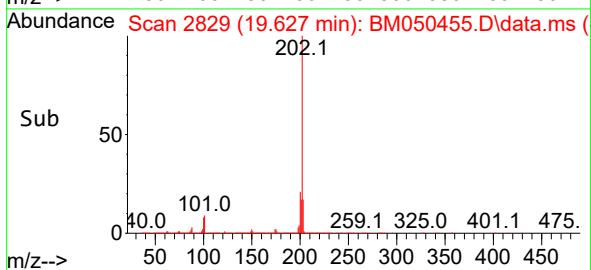
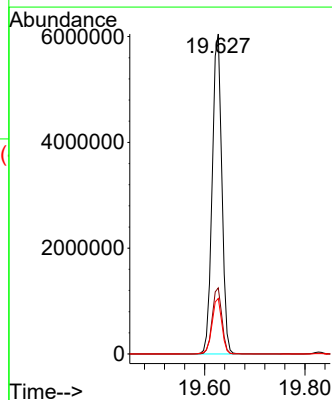
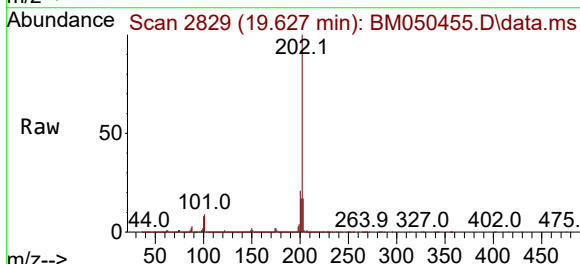
Instrument :
BNA_M
ClientSampleId :
TP-18MS

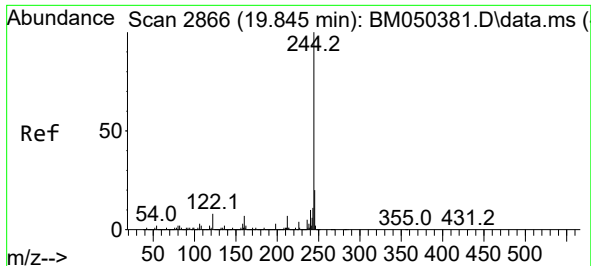
Tgt Ion:184 Resp: 1211247
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 11.6 9.0 13.6



#78
Pyrene
Concen: 42.346 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:202 Resp: 8044944
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 17.4 14.1 21.1

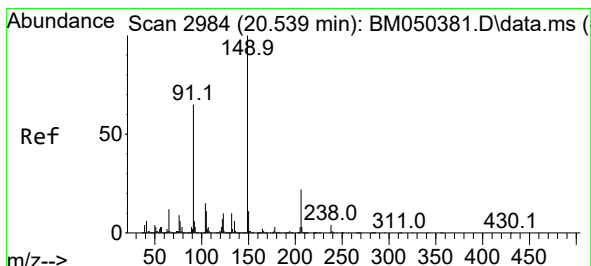
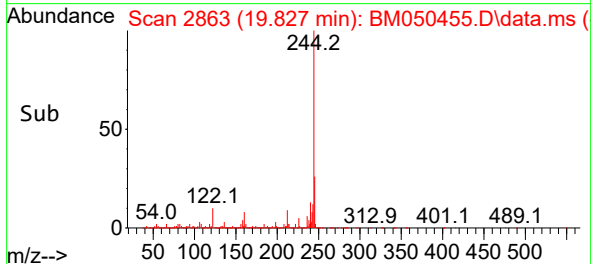
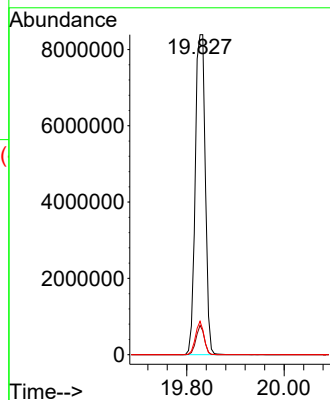
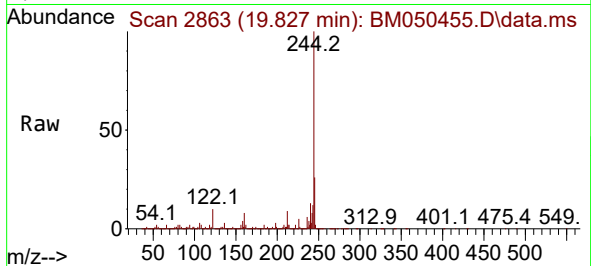




#79
 Terphenyl-d14
 Concen: 71.549 ng
 RT: 19.827 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BM050455.D
 Acq: 15 Jul 2025 14:51

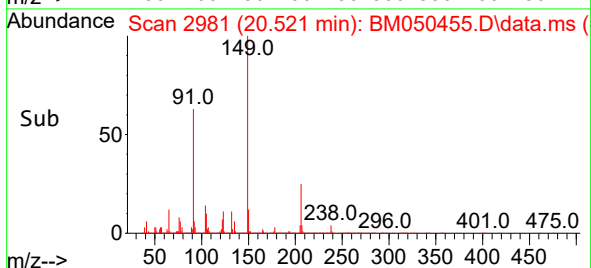
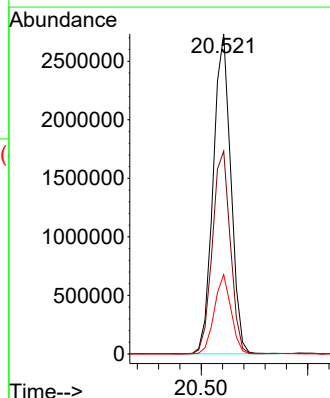
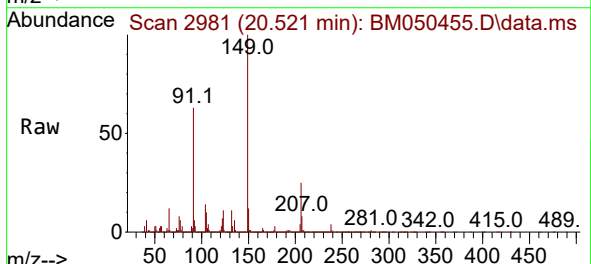
Instrument :
 BNA_M
 ClientSampleId :
 TP-18MS

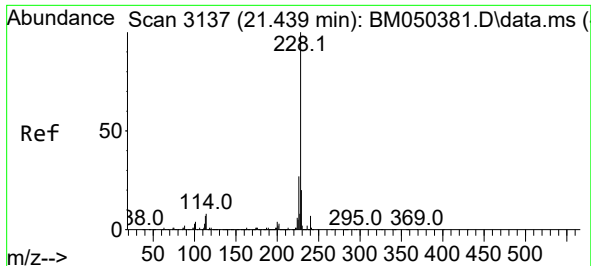
Tgt Ion:244 Resp:12062947
 Ion Ratio Lower Upper
 244 100
 212 9.2 5.7 8.5#
 122 10.5 6.2 9.2#



#80
 Butylbenzylphthalate
 Concen: 50.007 ng
 RT: 20.521 min Scan# 2981
 Delta R.T. -0.017 min
 Lab File: BM050455.D
 Acq: 15 Jul 2025 14:51

Tgt Ion:149 Resp: 3132628
 Ion Ratio Lower Upper
 149 100
 91 63.4 51.6 77.4
 206 24.8 17.8 26.8

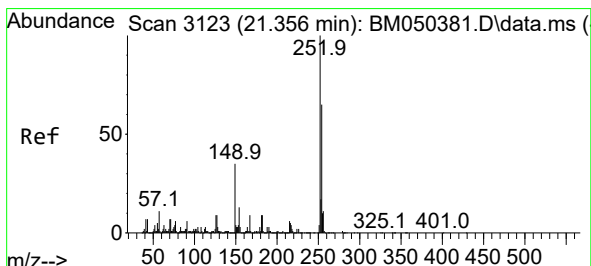
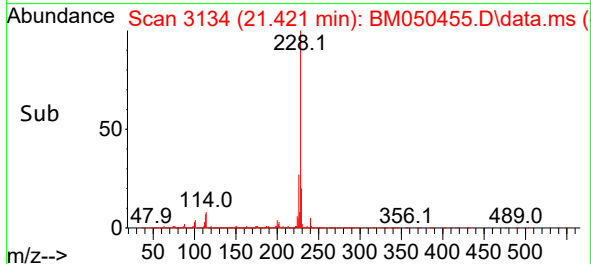
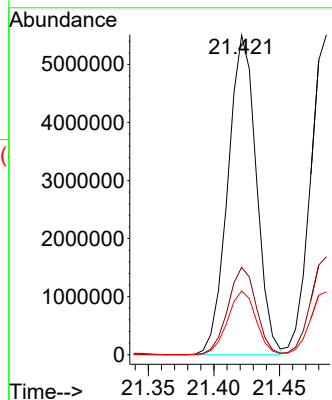
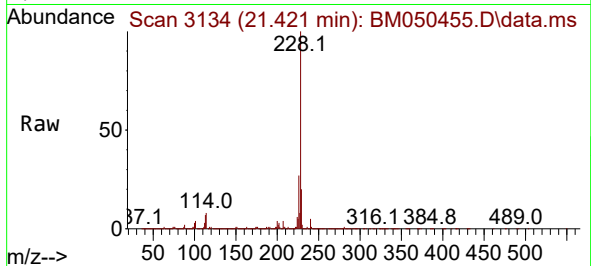




#81
Benzo(a)anthracene
Concen: 42.909 ng
RT: 21.421 min Scan# 31
Delta R.T. -0.017 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

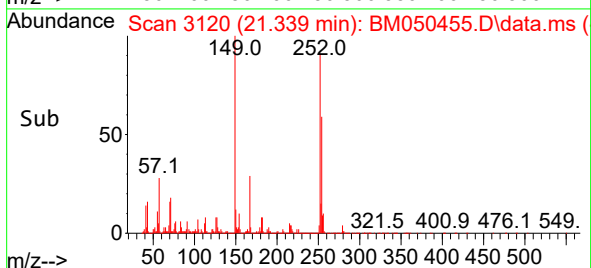
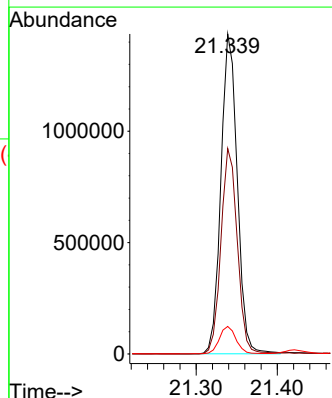
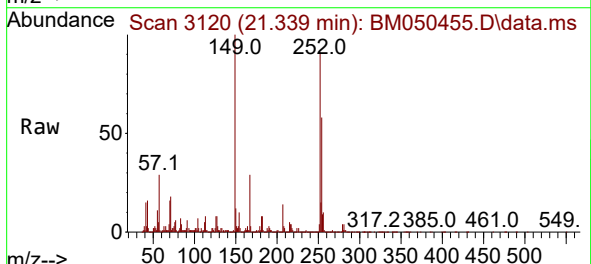
Instrument :
BNA_M
ClientSampleId :
TP-18MS

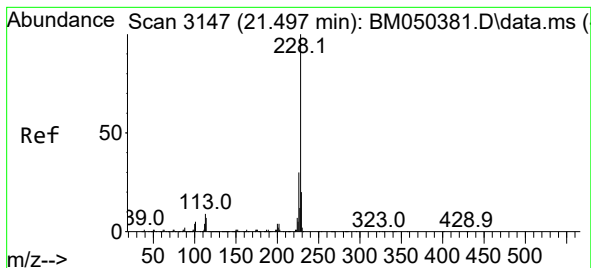
Tgt Ion:228 Resp: 8293520
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 30.939 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.017 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:252 Resp: 2016614
Ion Ratio Lower Upper
252 100
254 64.2 51.7 77.5
126 8.6 7.3 10.9





#83

Chrysene

Concen: 42.591 ng

RT: 21.486 min Scan# 3145

Delta R.T. -0.012 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Instrument :

BNA_M

ClientSampleId :

TP-18MS

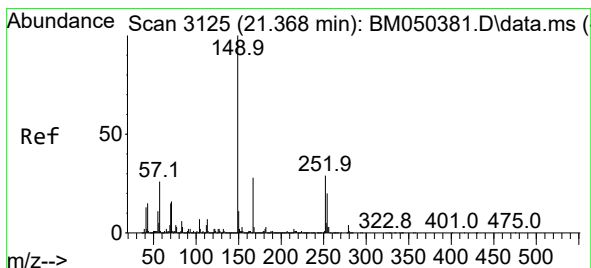
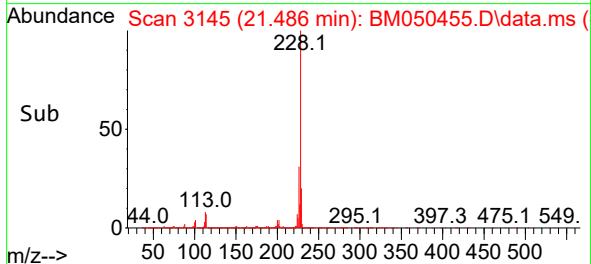
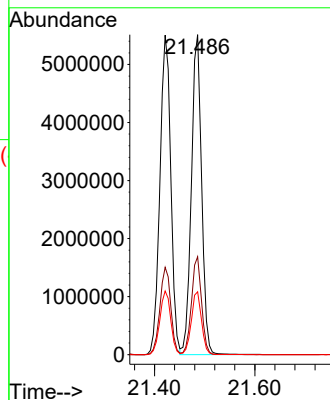
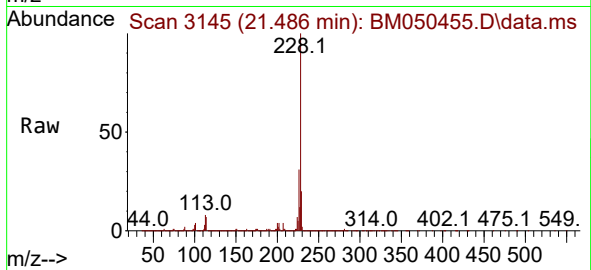
Tgt Ion:228 Resp: 7764524

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.149 ng

RT: 21.351 min Scan# 3122

Delta R.T. -0.017 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

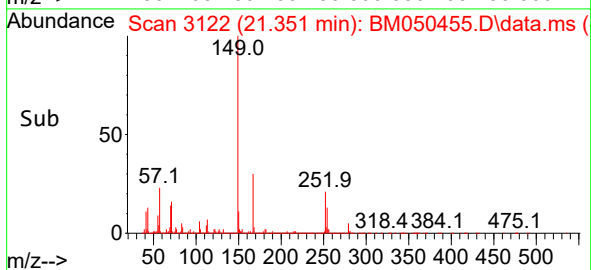
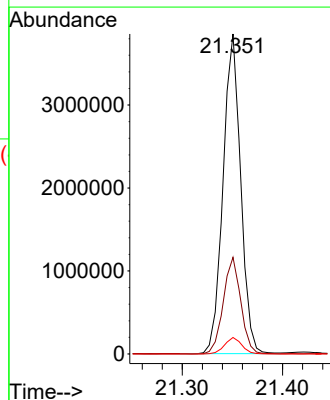
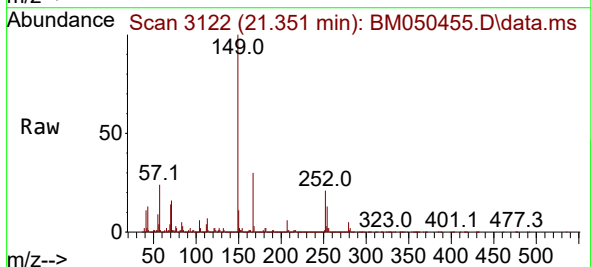
Tgt Ion:149 Resp: 4688722

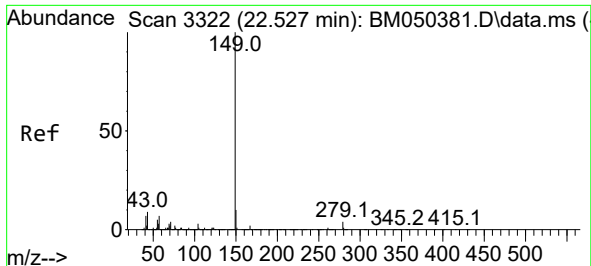
Ion Ratio Lower Upper

149 100

167 30.2 22.7 34.1

279 5.1 3.5 5.3

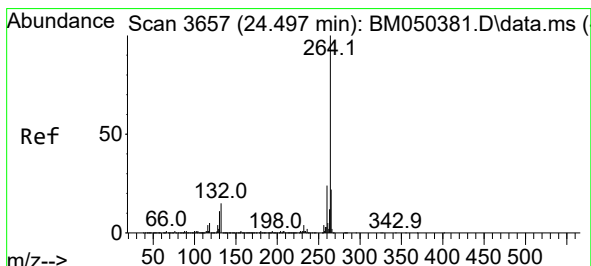
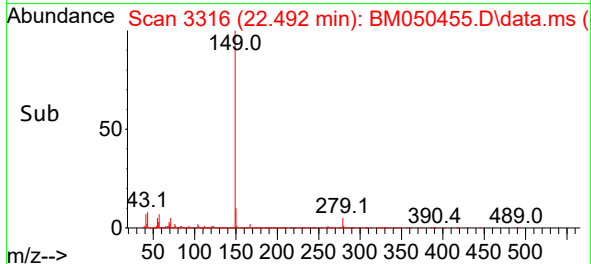
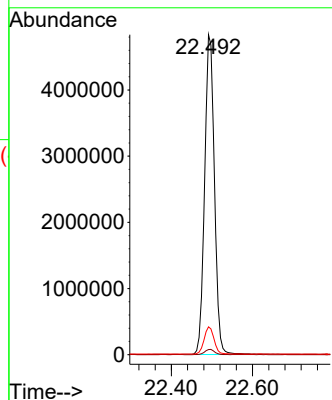
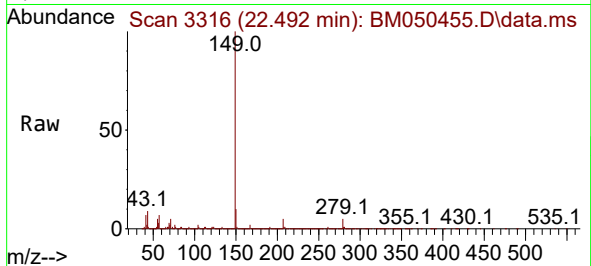




#85
Di-n-octyl phthalate
Concen: 51.872 ng
RT: 22.492 min Scan# 31
Delta R.T. -0.035 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

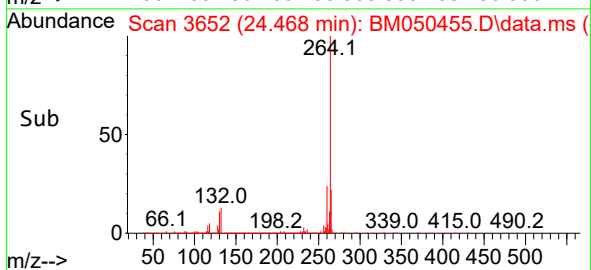
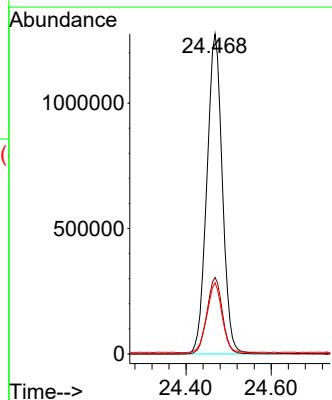
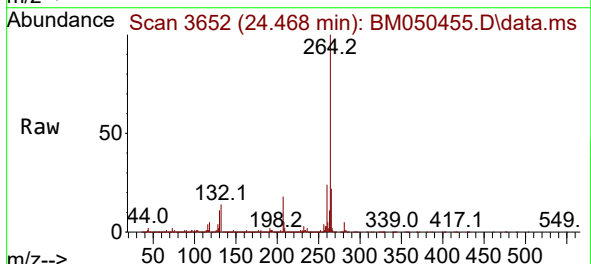
Instrument :
BNA_M
ClientSampleId :
TP-18MS

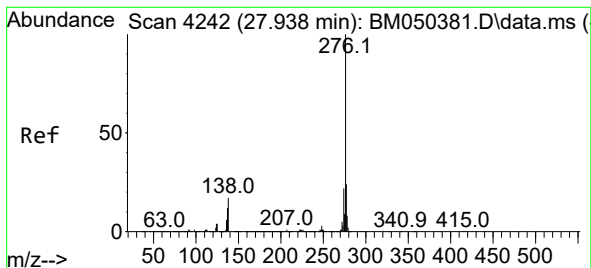
Tgt Ion:149 Resp: 8079125
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3652
Delta R.T. -0.029 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:264 Resp: 3224440
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 22.3 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.957 ng

RT: 27.903 min Scan# 41

Delta R.T. -0.035 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Instrument :

BNA_M

ClientSampleId :

TP-18MS

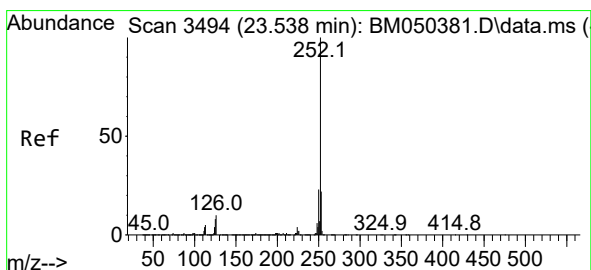
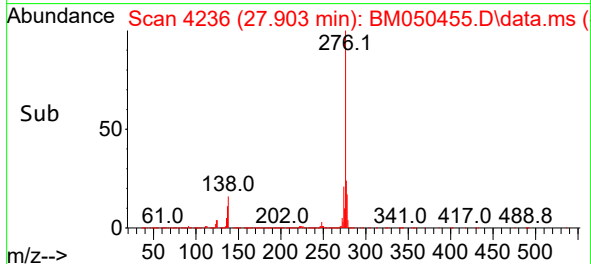
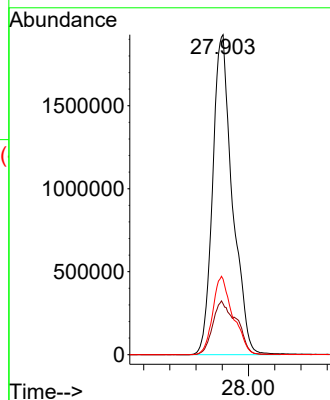
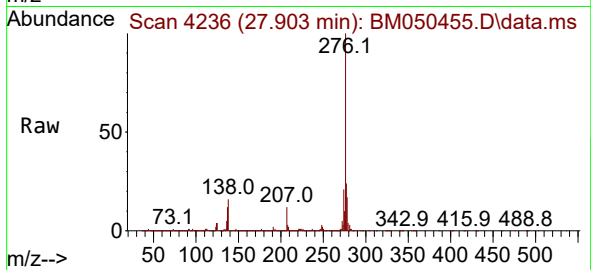
Tgt Ion:276 Resp:10077266

Ion Ratio Lower Upper

276 100

138 20.2 17.0 25.6

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 42.250 ng

RT: 23.515 min Scan# 3490

Delta R.T. -0.023 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

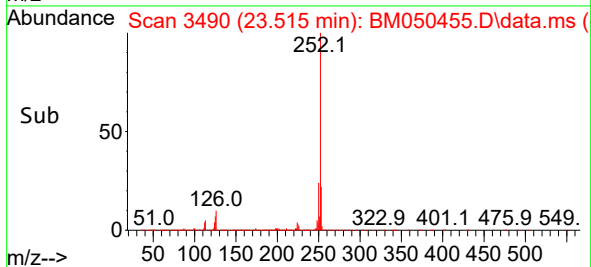
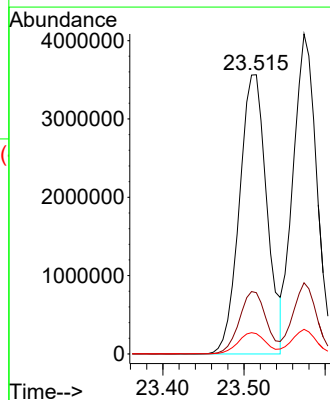
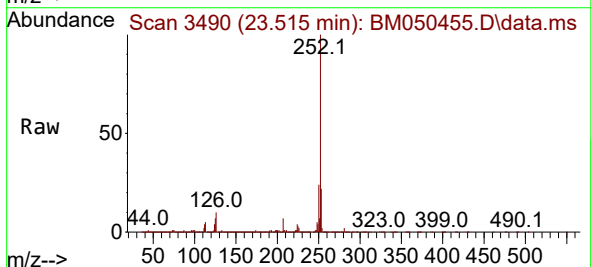
Tgt Ion:252 Resp: 8379564

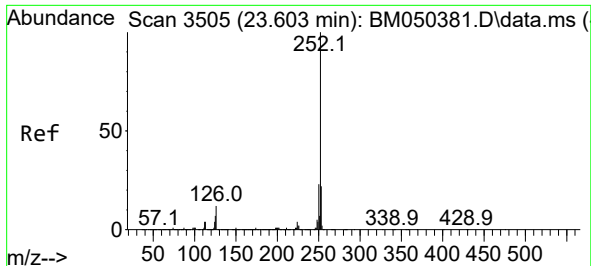
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 7.3 6.3 9.5

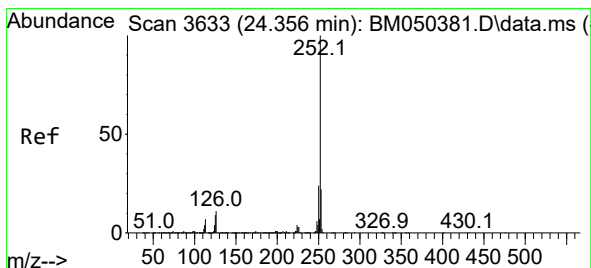
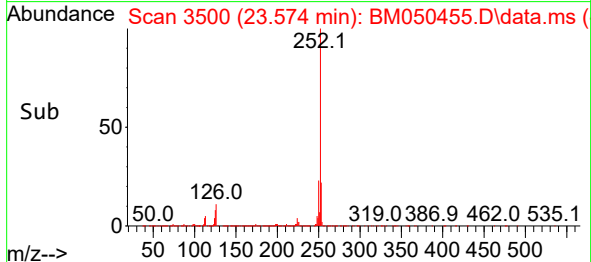
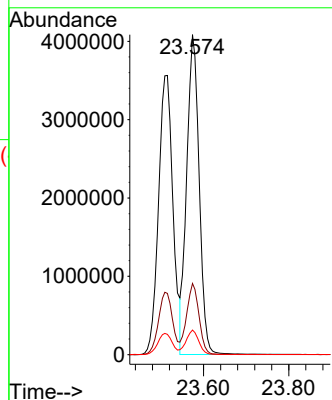
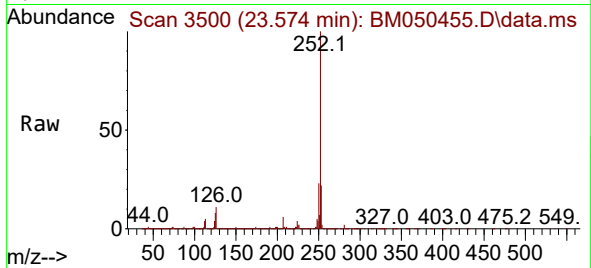




#89
Benzo(k)fluoranthene
Concen: 40.281 ng
RT: 23.574 min Scan# 31
Delta R.T. -0.029 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

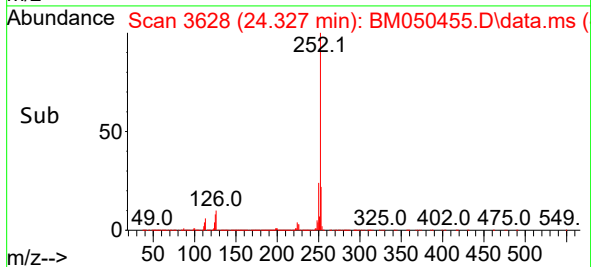
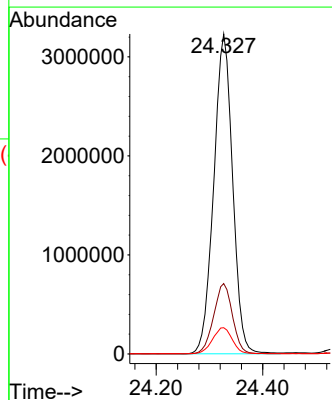
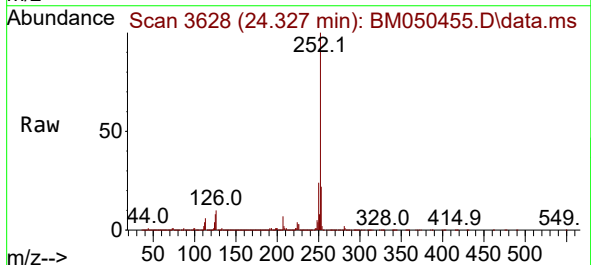
Instrument :
BNA_M
ClientSampleId :
TP-18MS

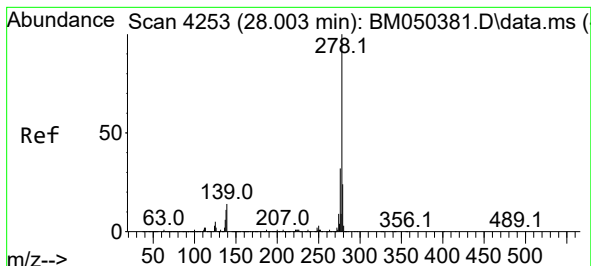
Tgt Ion:252 Resp: 8289661
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 7.7 6.2 9.2



#90
Benzo(a)pyrene
Concen: 42.775 ng
RT: 24.327 min Scan# 3628
Delta R.T. -0.029 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:252 Resp: 7941671
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 8.2 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 43.218 ng

RT: 27.962 min Scan# 41

Delta R.T. -0.041 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Instrument :

BNA_M

ClientSampleId :

TP-18MS

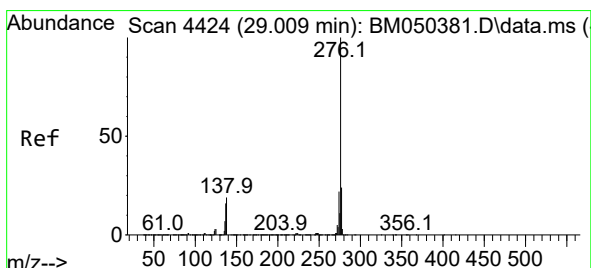
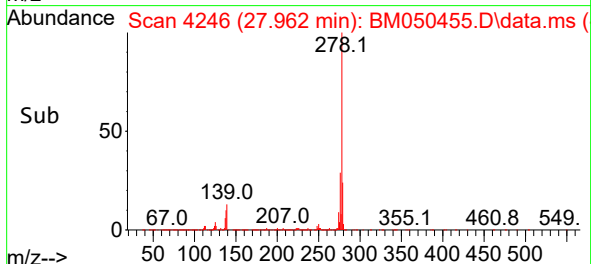
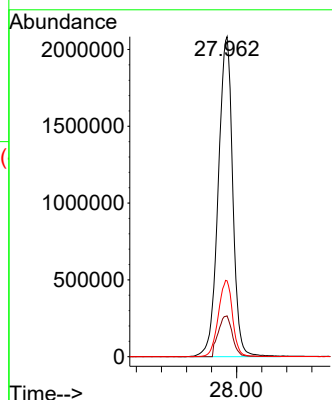
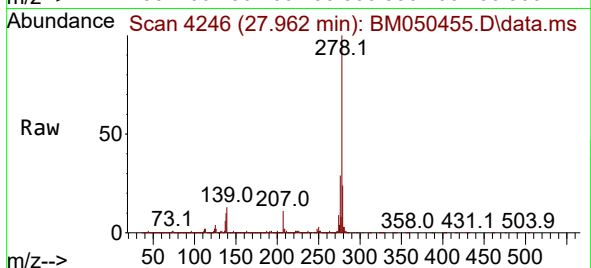
Tgt Ion:278 Resp: 8344234

Ion Ratio Lower Upper

278 100

139 12.7 10.8 16.2

279 23.7 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 43.719 ng

RT: 28.968 min Scan# 4417

Delta R.T. -0.041 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Tgt Ion:276 Resp: 7977625

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 17.7 14.9 22.3

