

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
 Data File : BM050395.D
 Acq On : 10 Jul 2025 18:38
 Operator : RC/JU
 Sample : Q2543-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-49MS

Quant Time: Jul 11 01:25:29 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	627832	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	2379650	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1542629	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	3030624	20.000	ng	0.00
76) Chrysene-d12	21.456	240	2721657	20.000	ng	0.00
86) Perylene-d12	24.491	264	2168246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3652651	100.144	ng	0.00
7) Phenol-d6	7.028	99	4644938	101.022	ng	0.00
23) Nitrobenzene-d5	9.016	82	2791716	59.853	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	2177611	116.182	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	7184736	57.517	ng	0.00
79) Terphenyl-d14	19.839	244	10975426	70.952	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	537480	35.836	ng	99
3) Pyridine	3.728	79	1510802	38.369	ng	98
4) n-Nitrosodimethylamine	3.634	42	765803	41.718	ng	99
6) Aniline	7.187	93	1688343	28.613	ng	100
8) 2-Chlorophenol	7.428	128	1810510	47.075	ng	97
9) Benzaldehyde	6.998	77	1186335	43.374	ng	98
10) Phenol	7.051	94	2229781	46.496	ng	99
11) bis(2-Chloroethyl)ether	7.281	93	1665276	43.360	ng	99
12) 1,3-Dichlorobenzene	7.751	146	1980471	42.349	ng	98
13) 1,4-Dichlorobenzene	7.898	146	2032867	42.571	ng	99
14) 1,2-Dichlorobenzene	8.216	146	1953818	42.737	ng	100
15) Benzyl Alcohol	8.098	79	1486009	45.869	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.398	45	2401924	42.458	ng	99
17) 2-Methylphenol	8.298	107	1446655	46.510	ng	99
18) Hexachloroethane	8.951	117	727697	43.330	ng	96
19) n-Nitroso-di-n-propyla...	8.669	70	1271949	45.665	ng	96
20) 3+4-Methylphenols	8.628	107	1917878	45.932	ng	99
22) Acetophenone	8.681	105	2603803	43.763	ng	98
24) Nitrobenzene	9.057	77	1824064	43.824	ng	100
25) Isophorone	9.592	82	3469303	45.838	ng	100
26) 2-Nitrophenol	9.769	139	863845	50.923	ng	98
27) 2,4-Dimethylphenol	9.833	122	1684393	46.663	ng	97
28) bis(2-Chloroethoxy)met...	10.069	93	2229548	44.456	ng	99
29) 2,4-Dichlorophenol	10.304	162	1784421	48.118	ng	97
30) 1,2,4-Trichlorobenzene	10.522	180	1955557	44.080	ng	99
31) Naphthalene	10.710	128	5266045	43.568	ng	100
32) Benzoic acid	9.975	122	1098509	49.383	ng	97
33) 4-Chloroaniline	10.810	127	680711	13.322	ng	98
34) Hexachlorobutadiene	11.004	225	1208237	44.623	ng	99
35) Caprolactam	11.592	113	284310	28.084	ng	96
36) 4-Chloro-3-methylphenol	11.933	107	1686101	48.689	ng	99
37) 2-Methylnaphthalene	12.321	142	3484244	45.655	ng	99
38) 1-Methylnaphthalene	12.539	142	3649174	45.182	ng	100
40) 1,2,4,5-Tetrachloroben...	12.686	216	2314043	47.171	ng	100
41) Hexachlorocyclopentadiene	12.674	237	2892812	92.252	ng	98
43) 2,4,6-Trichlorophenol	12.921	196	1485263	49.186	ng	99

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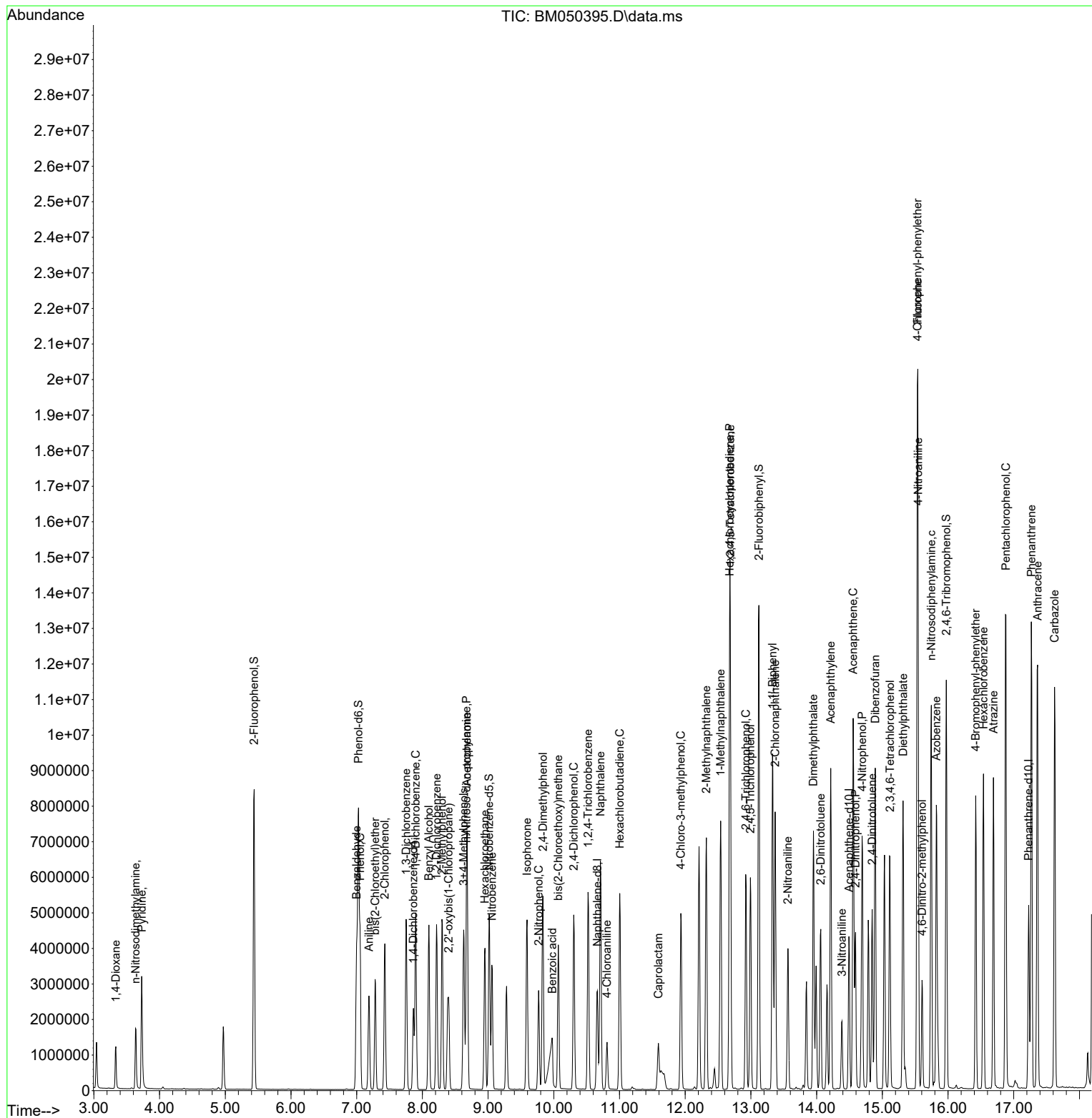
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	1624980	49.274	ng	98
46) 1,1'-Biphenyl	13.327	154	5092784	44.497	ng	99
47) 2-Chloronaphthalene	13.368	162	4000217	43.836	ng	99
48) 2-Nitroaniline	13.563	65	1015057	49.834	ng	98
49) Acenaphthylene	14.215	152	6378247	46.249	ng	99
50) Dimethylphthalate	13.951	163	4866350	45.820	ng	100
51) 2,6-Dinitrotoluene	14.063	165	1010477	49.553	ng	97
52) Acenaphthene	14.557	154	4242623	48.388	ng	100
53) 3-Nitroaniline	14.386	138	477830	22.033	ng	98
54) 2,4-Dinitrophenol	14.592	184	930266	82.459	ng	# 83
55) Dibenzofuran	14.892	168	6007916	44.472	ng	100
56) 4-Nitrophenol	14.692	139	1906631	102.234	ng	94
57) 2,4-Dinitrotoluene	14.845	165	1446928	47.433	ng	98
58) Fluorene	15.539	166	5172898	46.488	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.115	232	1388092	50.001	ng	98
60) Diethylphthalate	15.315	149	4816028	47.471	ng	100
61) 4-Chlorophenyl-phenyle...	15.533	204	2746868	47.210	ng	97
62) 4-Nitroaniline	15.545	138	1062082	42.890	ng	98
63) Azobenzene	15.821	77	4609427	49.480	ng	99
65) 4,6-Dinitro-2-methylph...	15.604	198	672374	42.145	ng	97
66) n-Nitrosodiphenylamine	15.745	169	4328727	45.646	ng	100
67) 4-Bromophenyl-phenylether	16.421	248	1611633	48.266	ng	99
68) Hexachlorobenzene	16.539	284	1853729	47.005	ng	96
69) Atrazine	16.692	200	1575006	50.578	ng	99
70) Pentachlorophenol	16.880	266	2531445	103.115	ng	99
71) Phenanthrene	17.268	178	7893716	46.030	ng	100
72) Anthracene	17.362	178	7972053	46.702	ng	100
73) Carbazole	17.621	167	7166463	46.399	ng	100
74) Di-n-butylphthalate	18.198	149	8623521	51.010	ng	99
75) Fluoranthene	19.274	202	10111811	54.240	ng	98
77) Benzidine	19.456	184	5129845	73.896	ng	100
78) Pyrene	19.639	202	10318458	59.196	ng	100
80) Butylbenzylphthalate	20.533	149	3494907	60.807	ng	98
81) Benzo(a)anthracene	21.439	228	8886526	50.112	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	1362474	22.783	ng	99
83) Chrysene	21.497	228	8086730	48.347	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	5199116	56.983	ng	97
85) Di-n-octyl phthalate	22.521	149	7702876	53.903	ng	98
87) Indeno(1,2,3-cd)pyrene	27.932	276	7265894	47.132	ng	99
88) Benzo(b)fluoranthene	23.538	252	7190910	53.918	ng	100
89) Benzo(k)fluoranthene	23.597	252	6756670	48.824	ng	100
90) Benzo(a)pyrene	24.350	252	6454923	51.703	ng	100
91) Dibenzo(a,h)anthracene	27.991	278	5845382	45.023	ng	99
92) Benzo(g,h,i)perylene	29.009	276	5771405	47.035	ng	99

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

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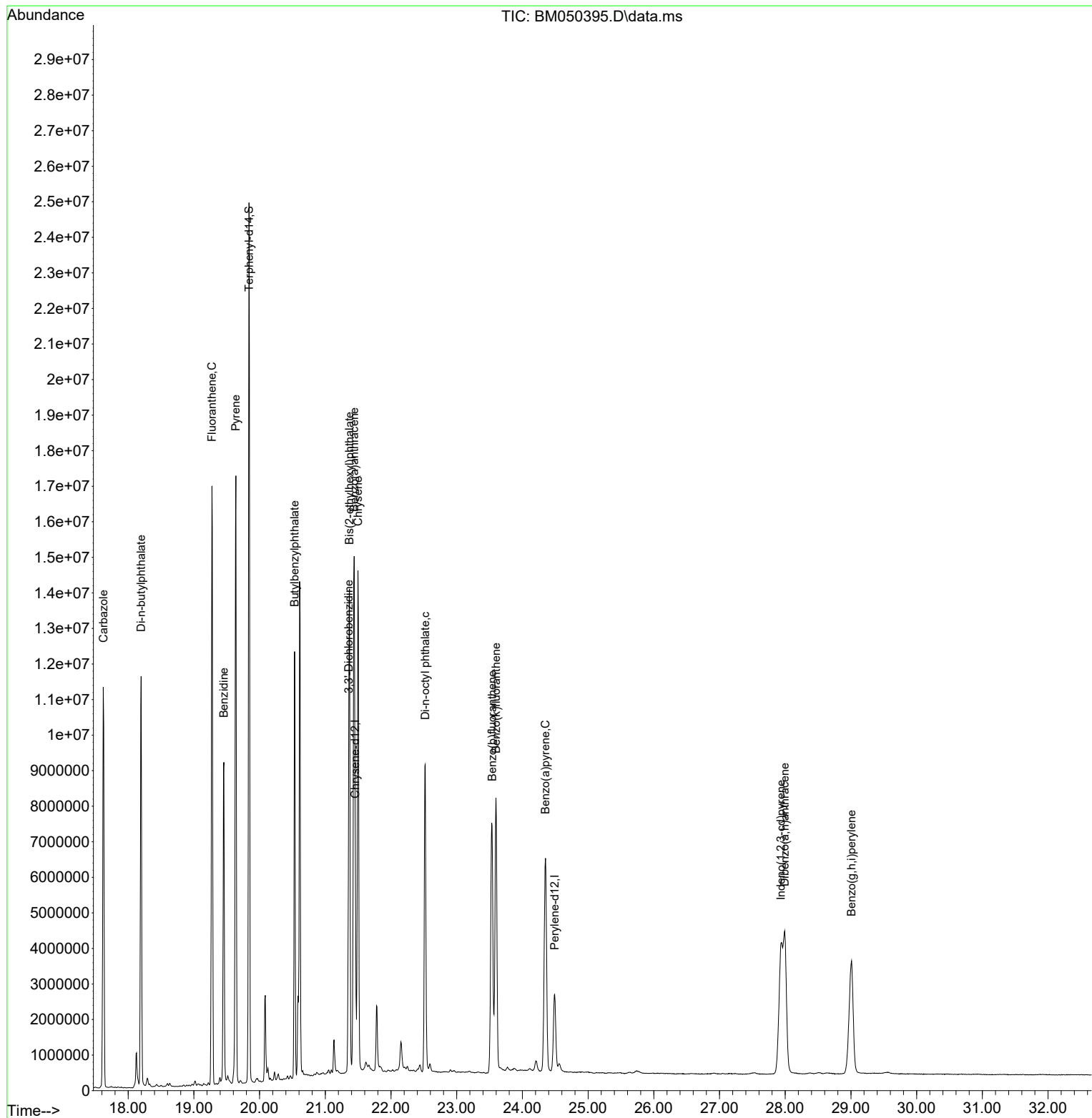
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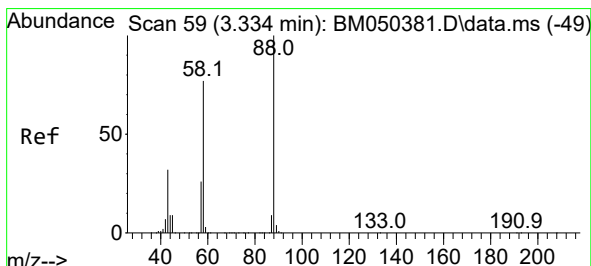
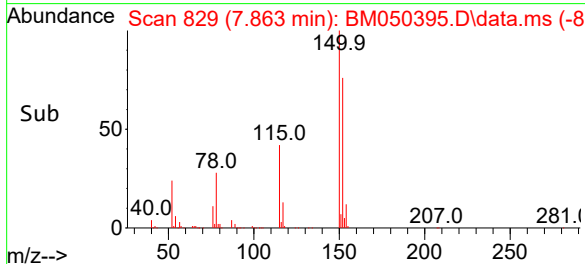
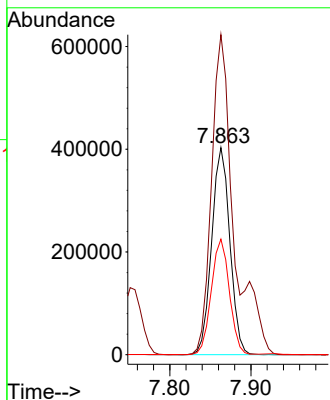
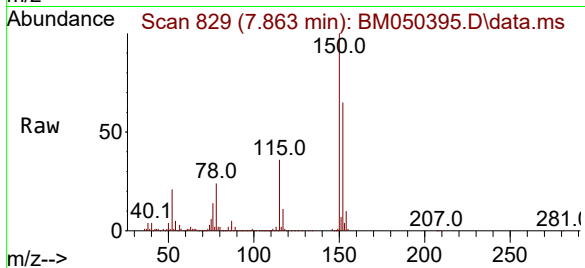




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM050395.D
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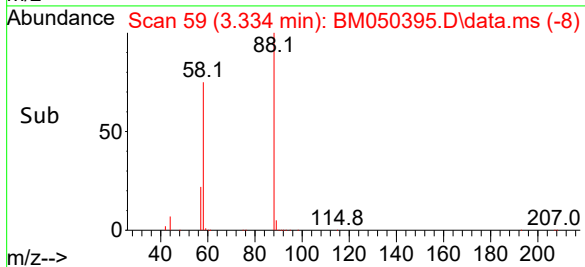
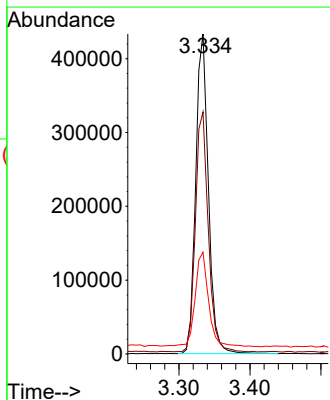
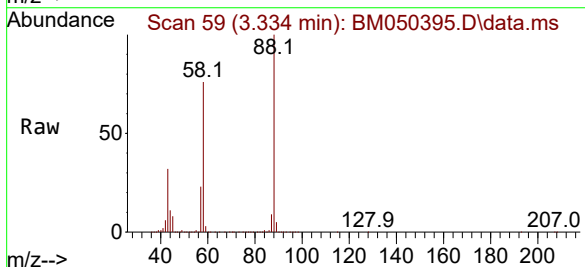
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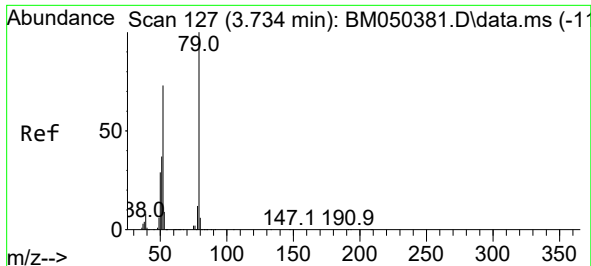
Tgt Ion:152 Resp: 627832
 Ion Ratio Lower Upper
 152 100
 150 154.6 126.2 189.4
 115 55.8 45.8 68.8



#2
 1,4-Dioxane
 Concen: 35.836 ng
 RT: 3.334 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: BM050395.D
 Acq: 10 Jul 2025 18:38

Tgt Ion: 88 Resp: 537480
 Ion Ratio Lower Upper
 88 100
 58 76.2 61.0 91.6
 43 31.6 24.6 37.0



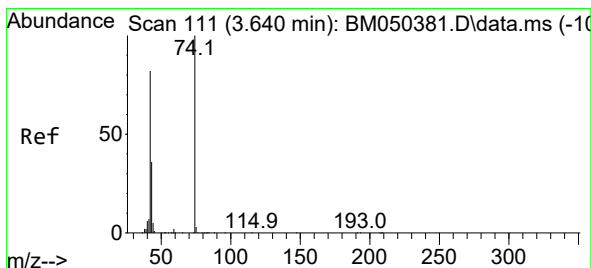
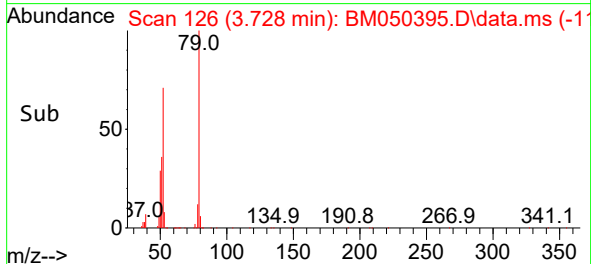
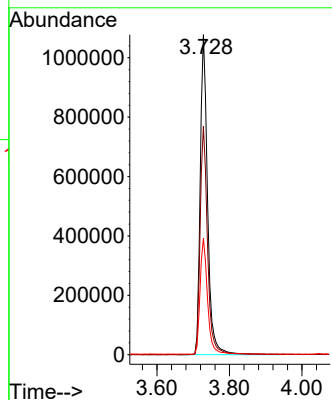
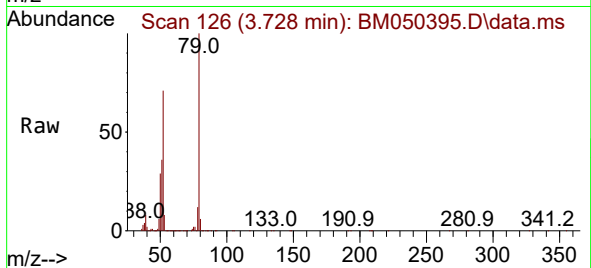


#3
 Pyridine
 Concen: 38.369 ng
 RT: 3.728 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM050395.D
 Acq: 10 Jul 2025 18:38

Instrument :
 BNA_M
 ClientSampleId :
 TP-49MS

Tgt Ion: 79 Resp: 1510802

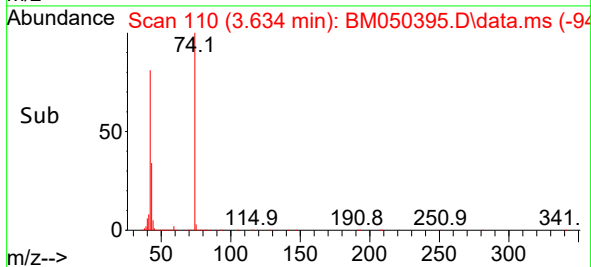
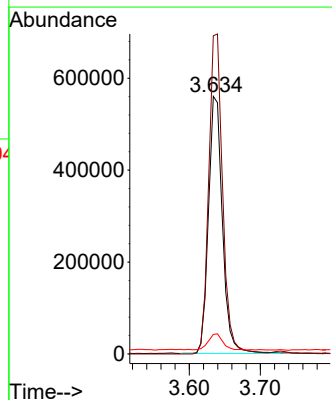
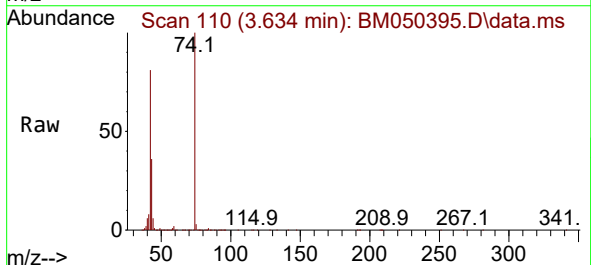
Ion	Ratio	Lower	Upper
79	100		
52	71.4	58.3	87.5
51	36.4	29.6	44.4

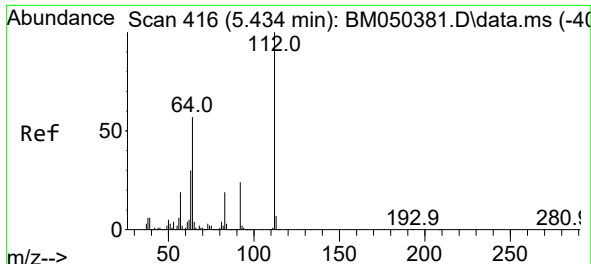


#4
 n-Nitrosodimethylamine
 Concen: 41.718 ng
 RT: 3.634 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: BM050395.D
 Acq: 10 Jul 2025 18:38

Tgt Ion: 42 Resp: 765803

Ion	Ratio	Lower	Upper
42	100		
74	123.6	97.5	146.3
44	7.6	5.7	8.5

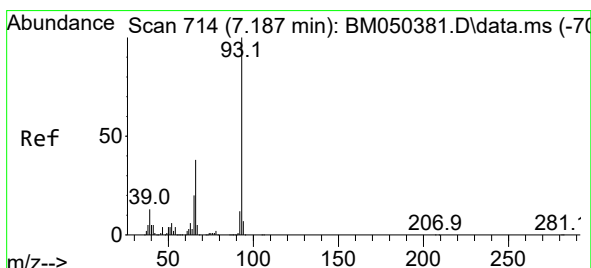
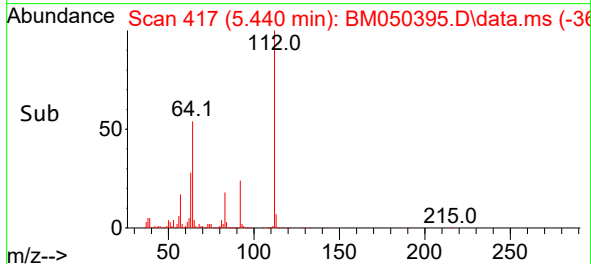
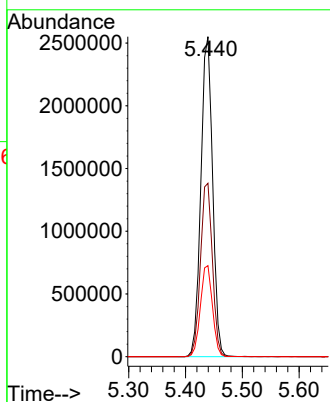
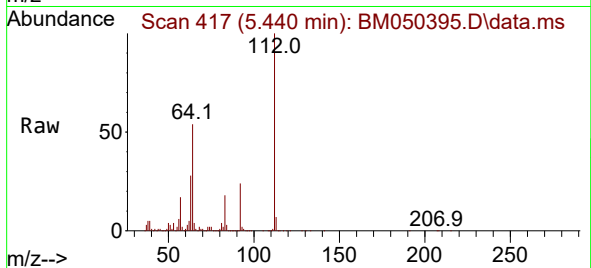




#5
2-Fluorophenol
Concen: 100.144 ng
RT: 5.440 min Scan# 416
Delta R.T. 0.006 min
Lab File: BM050395.D
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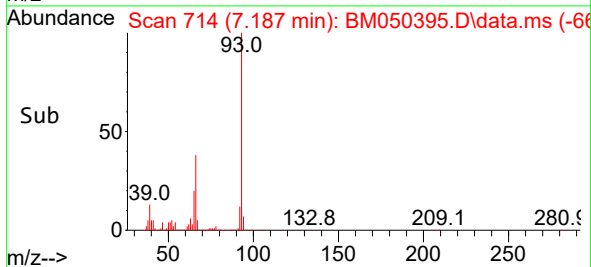
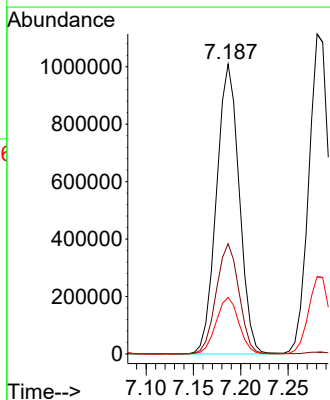
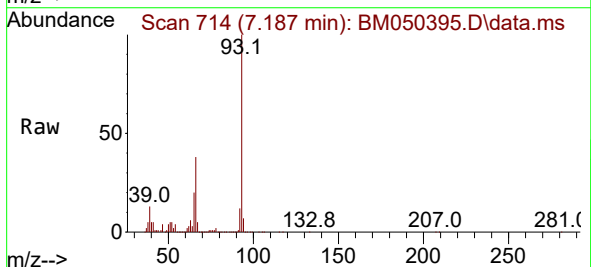
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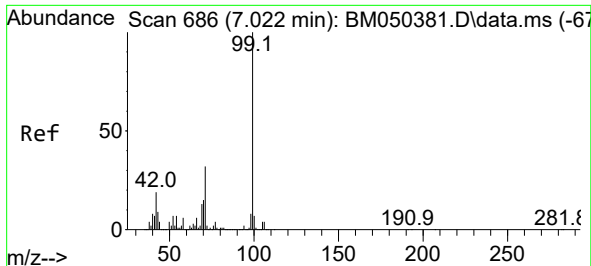
Tgt Ion:112 Resp: 3652651
Ion Ratio Lower Upper
112 100
64 54.2 45.5 68.3
63 28.4 24.2 36.4



#6
Aniline
Concen: 28.613 ng
RT: 7.187 min Scan# 714
Delta R.T. -0.000 min
Lab File: BM050395.D
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Tgt Ion: 93 Resp: 1688343
Ion Ratio Lower Upper
93 100
66 38.0 30.5 45.7
65 19.5 15.9 23.9

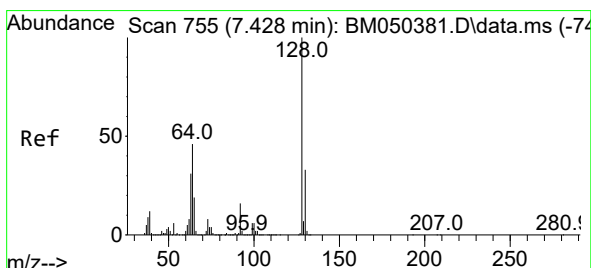
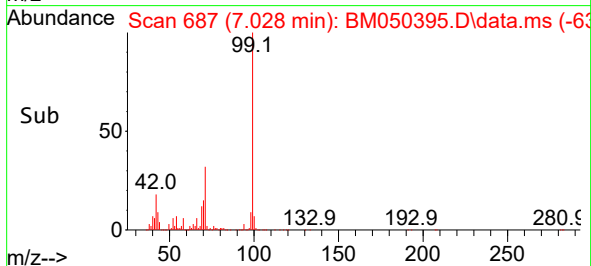
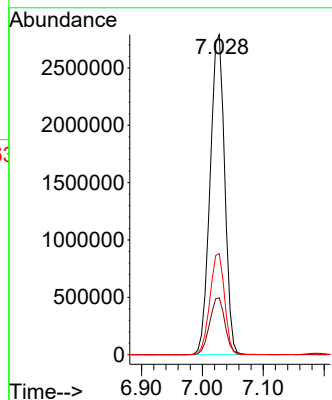
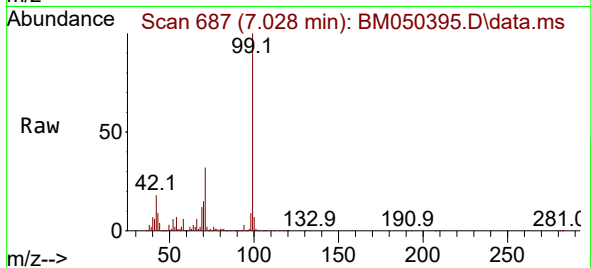




#7
Phenol-d6
Concen: 101.022 ng
RT: 7.028 min Scan# 687
Delta R.T. 0.006 min
Lab File: BM050395.D
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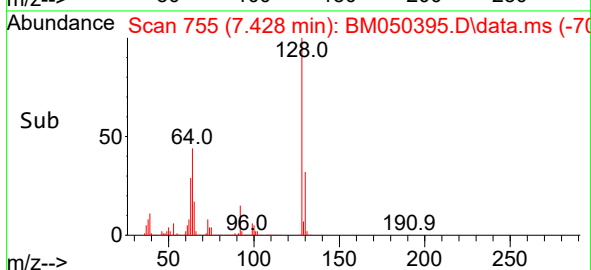
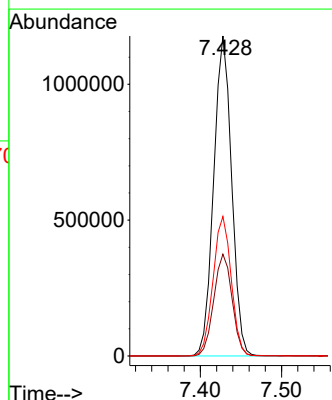
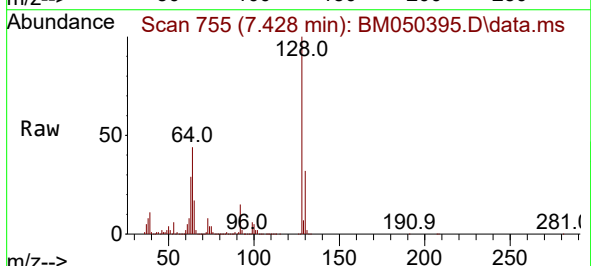
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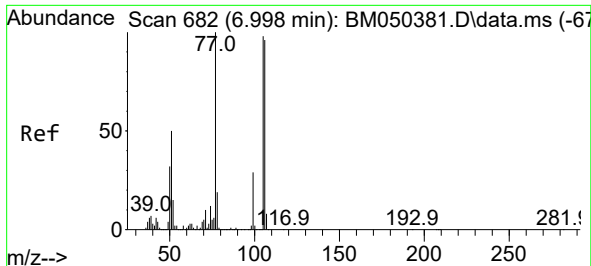
Tgt Ion: 99 Resp: 4644938
Ion Ratio Lower Upper
99 100
42 17.8 15.0 22.6
71 31.6 25.9 38.9



#8
2-Chlorophenol
Concen: 47.075 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion: 128 Resp: 1810510
Ion Ratio Lower Upper
128 100
130 31.8 13.3 53.3
64 43.6 25.6 65.6

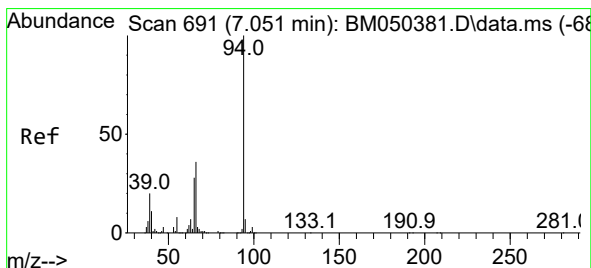
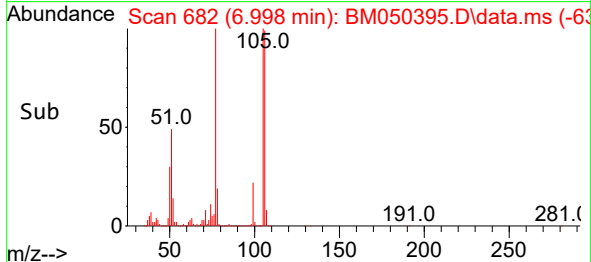
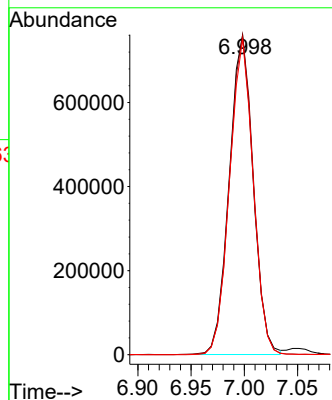
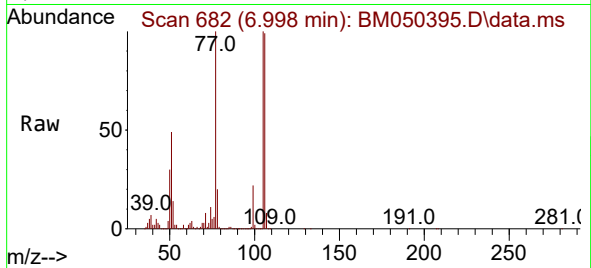




#9
Benzaldehyde
Concen: 43.374 ng
RT: 6.998 min Scan# 682
Delta R.T. 0.000 min
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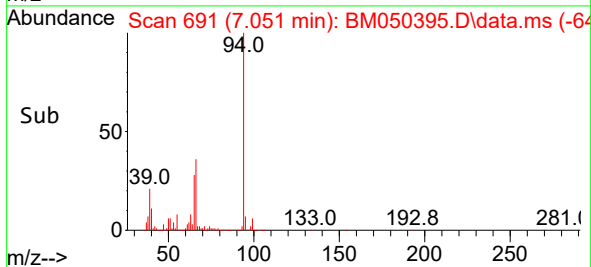
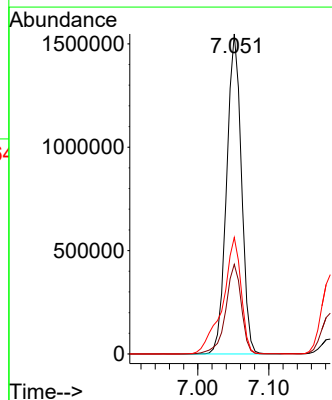
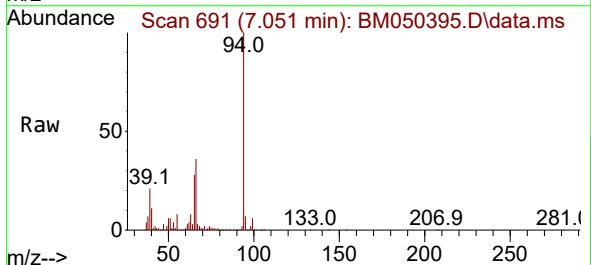
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ClientSampleId :
TP-49MS

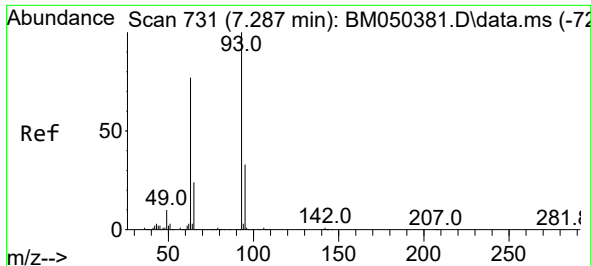
Tgt Ion: 77 Resp: 1186335
Ion Ratio Lower Upper
77 100
105 100.2 78.4 118.4
106 98.8 76.3 116.3



#10
Phenol
Concen: 46.496 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion: 94 Resp: 2229781
Ion Ratio Lower Upper
94 100
65 28.0 8.1 48.1
66 36.4 15.8 55.8

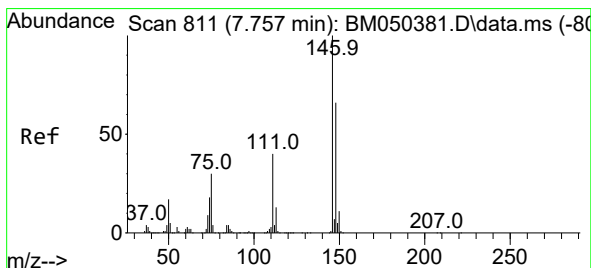
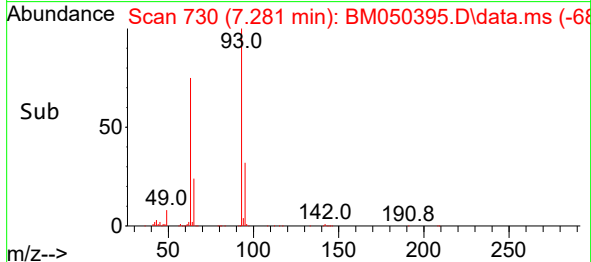
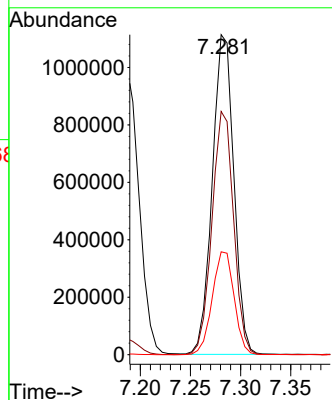
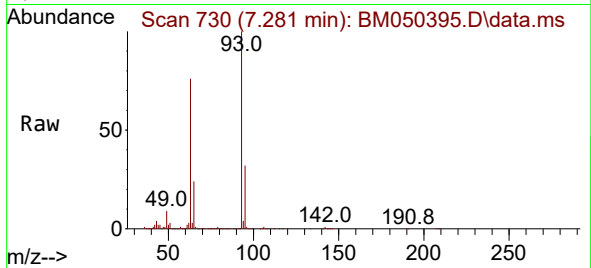




#11
bis(2-Chloroethyl)ether
Concen: 43.360 ng
RT: 7.281 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

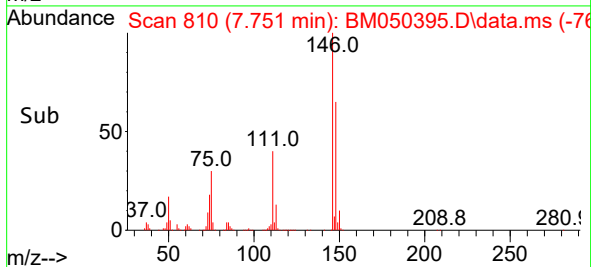
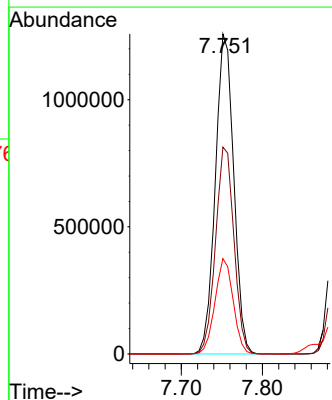
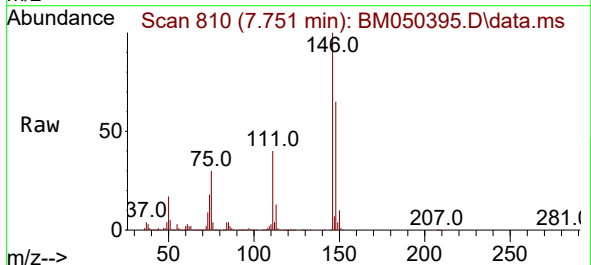
Instrument :
BNA_M
ClientSampleId :
TP-49MS

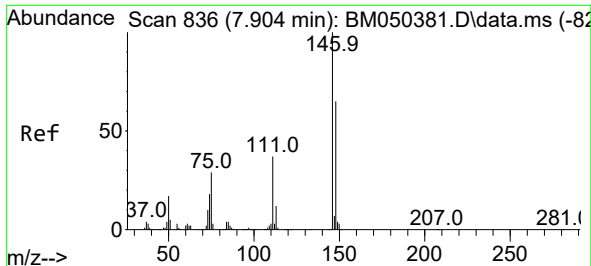
Tgt Ion: 93 Resp: 1665276
Ion Ratio Lower Upper
93 100
63 76.0 56.9 96.9
95 32.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.349 ng
RT: 7.751 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:146 Resp: 1980471
Ion Ratio Lower Upper
146 100
148 64.6 53.2 79.8
75 29.8 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 42.571 ng

RT: 7.898 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

Instrument :

BNA_M

ClientSampleId :

TP-49MS

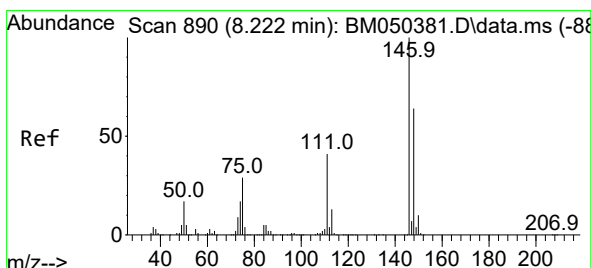
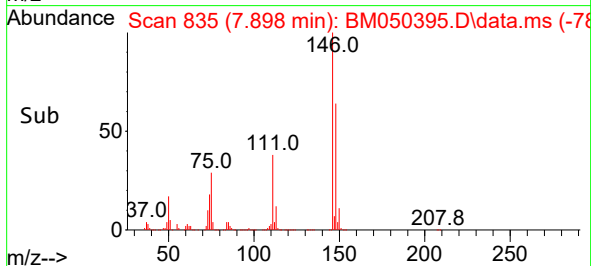
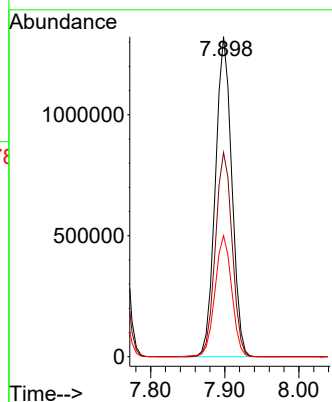
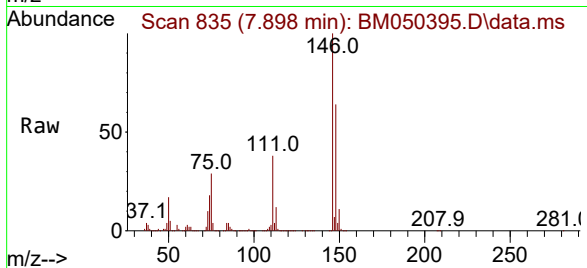
Tgt Ion:146 Resp: 2032867

Ion Ratio Lower Upper

146 100

148 63.8 51.9 77.9

111 37.8 30.0 45.0



#14

1,2-Dichlorobenzene

Concen: 42.737 ng

RT: 8.216 min Scan# 889

Delta R.T. -0.006 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

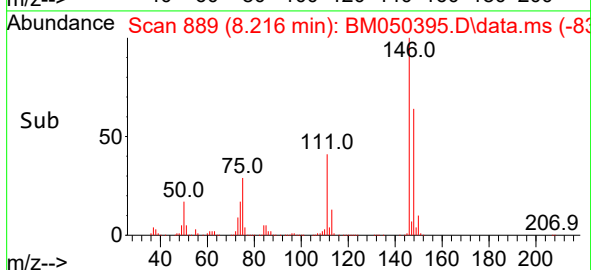
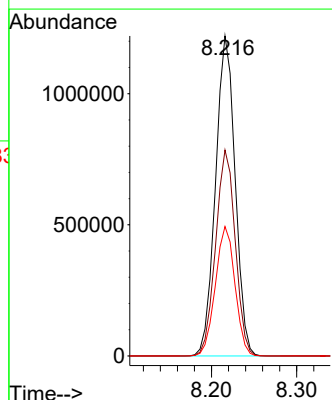
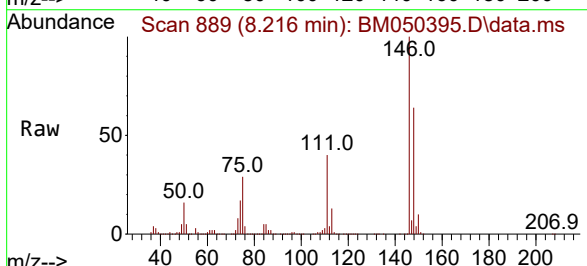
Tgt Ion:146 Resp: 1953818

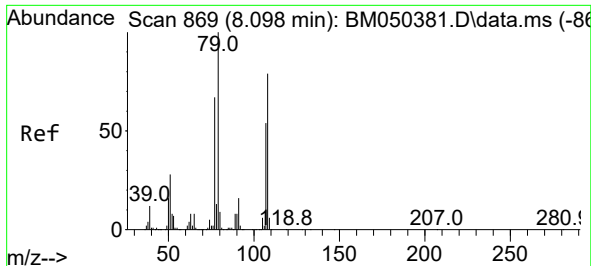
Ion Ratio Lower Upper

146 100

148 64.4 51.5 77.3

111 40.4 32.6 49.0

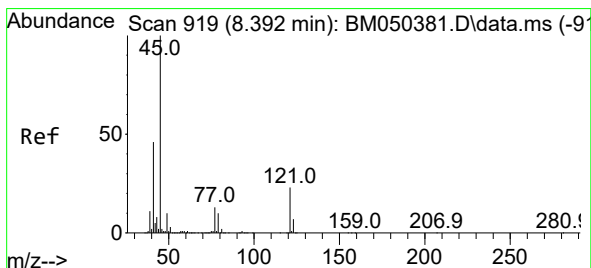
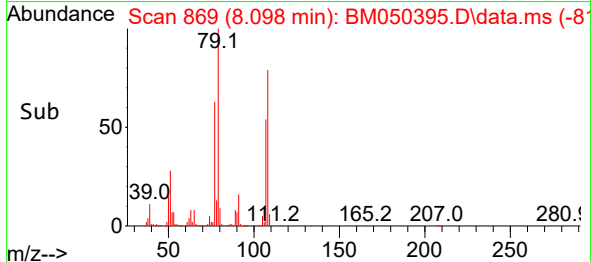
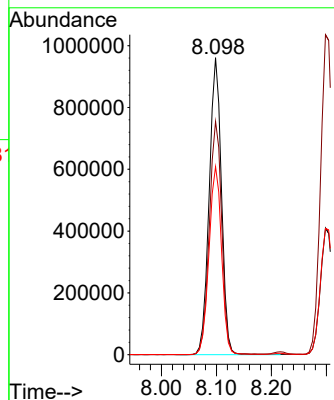
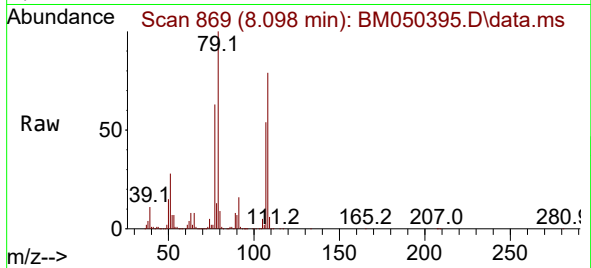




#15
Benzyl Alcohol
Concen: 45.869 ng
RT: 8.098 min Scan# 869
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

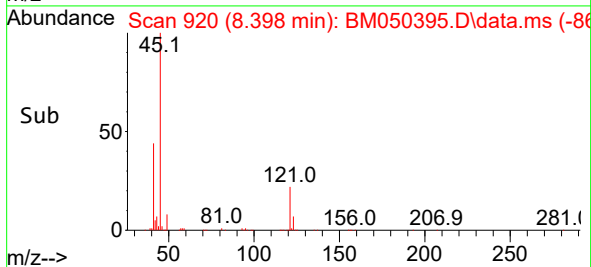
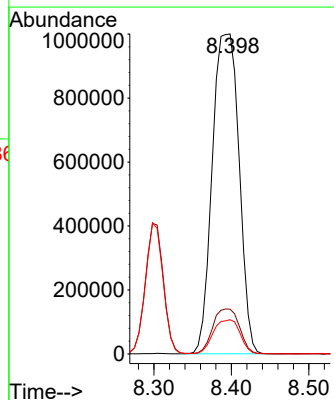
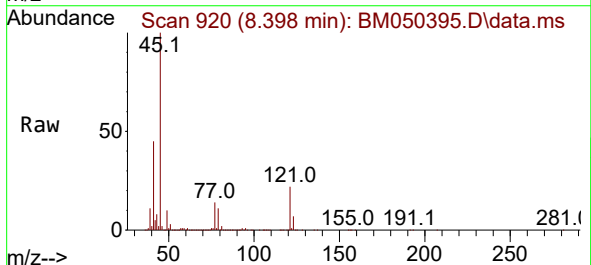
Instrument :
BNA_M
ClientSampleId :
TP-49MS

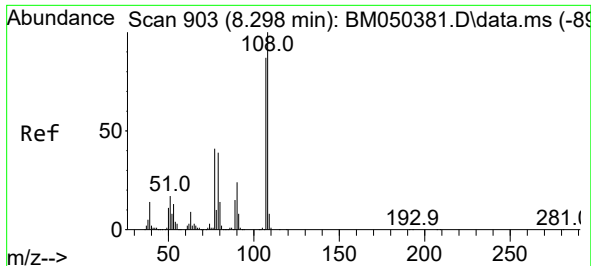
Tgt Ion: 79 Resp: 1486009
Ion Ratio Lower Upper
79 100
108 78.5 63.0 94.4
77 63.3 53.4 80.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.458 ng
RT: 8.398 min Scan# 920
Delta R.T. 0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion: 45 Resp: 2401924
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.5
79 10.7 0.0 30.3

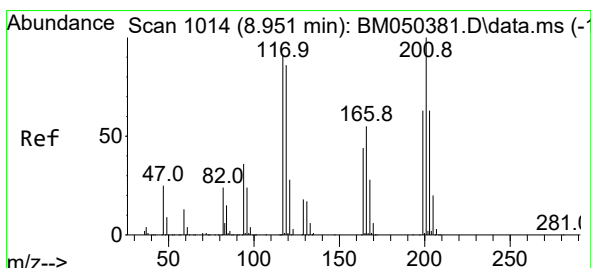
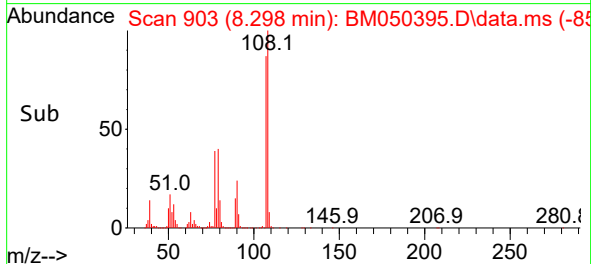
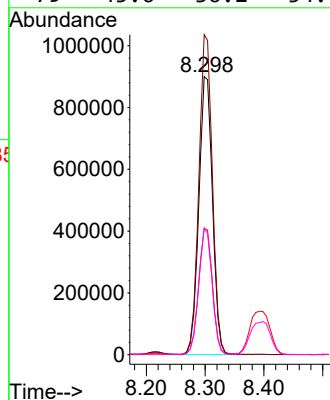
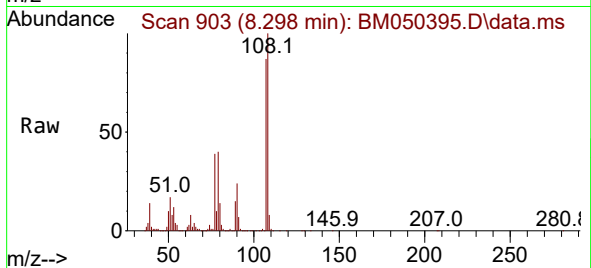




#17
2-Methylphenol
Concen: 46.510 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

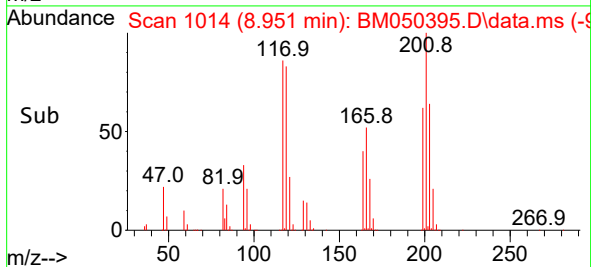
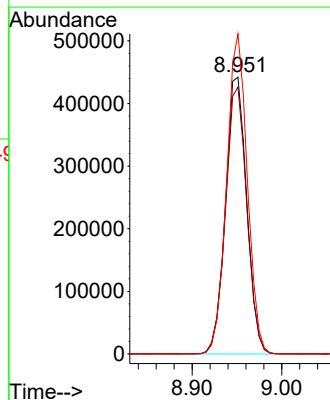
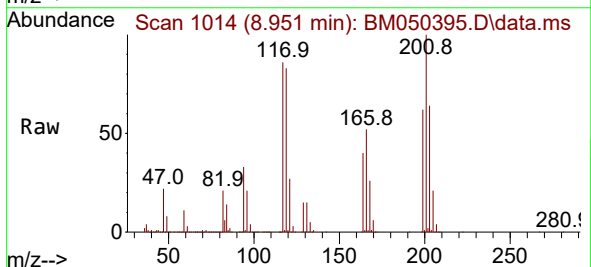
Instrument :
BNA_M
ClientSampleId :
TP-49MS

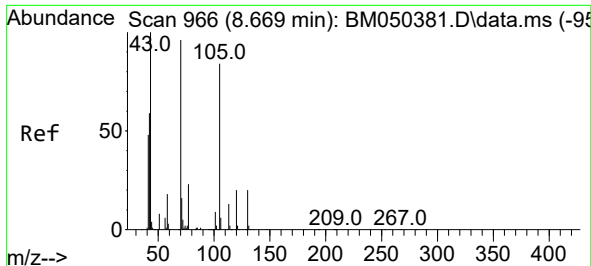
Tgt Ion:107 Resp: 1446655
Ion Ratio Lower Upper
107 100
108 115.1 92.1 138.1
77 45.4 38.2 57.4
79 45.6 36.2 54.4



#18
Hexachloroethane
Concen: 43.330 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:117 Resp: 727697
Ion Ratio Lower Upper
117 100
119 96.4 75.6 113.4
201 115.6 87.9 131.9

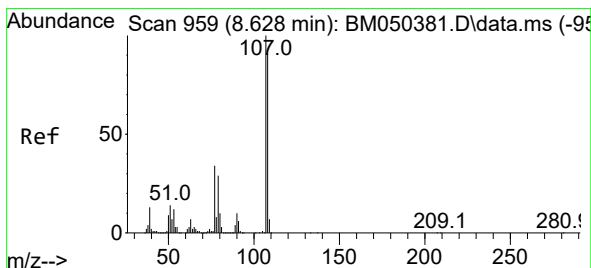
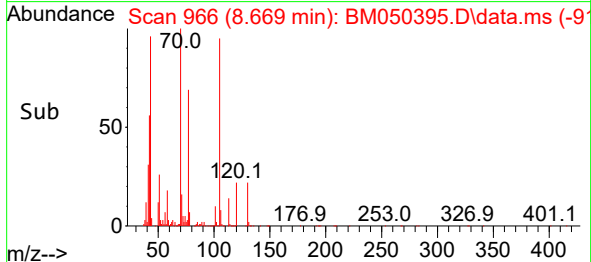
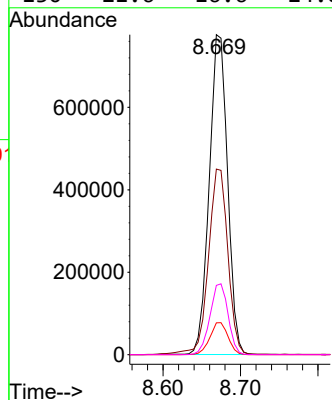
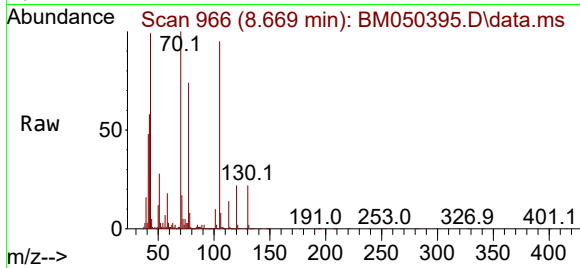




#19
n-Nitroso-di-n-propylamine
Concen: 45.665 ng
RT: 8.669 min Scan# 966
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

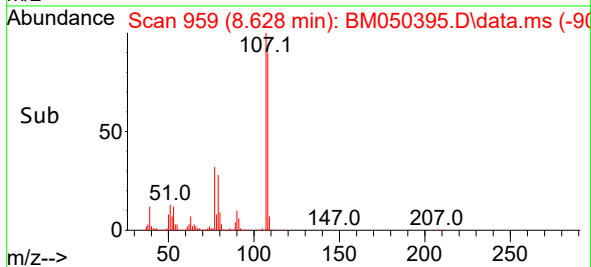
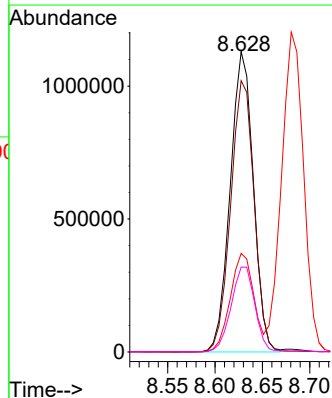
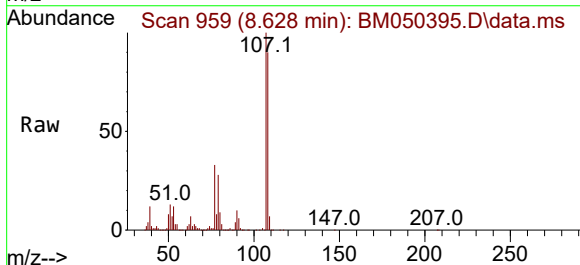
Instrument :
BNA_M
ClientSampleId :
TP-49MS

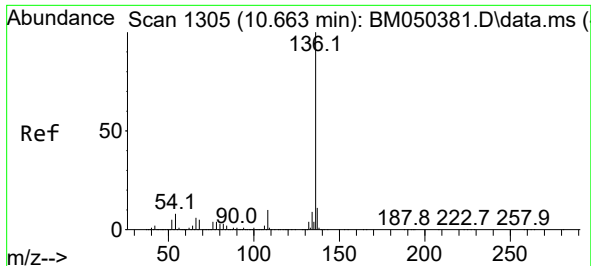
Tgt Ion: 70 Resp: 1271949
Ion Ratio Lower Upper
70 100
42 58.0 49.7 74.5
101 9.9 7.7 11.5
130 21.6 16.6 24.8



#20
3+4-Methylphenols
Concen: 45.932 ng
RT: 8.628 min Scan# 959
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion: 107 Resp: 1917878
Ion Ratio Lower Upper
107 100
108 90.3 71.5 111.5
77 32.8 13.7 53.7
79 28.3 8.6 48.6

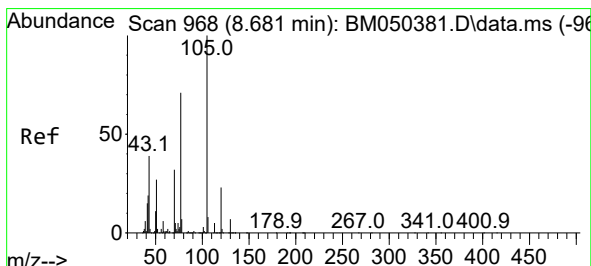
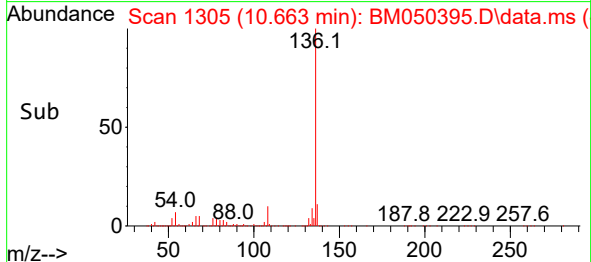
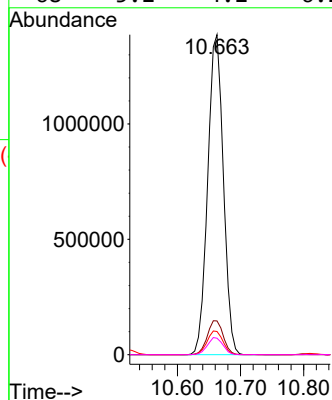
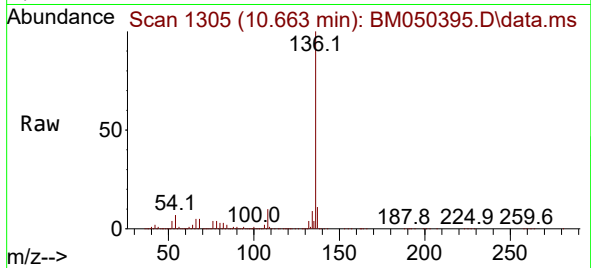




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

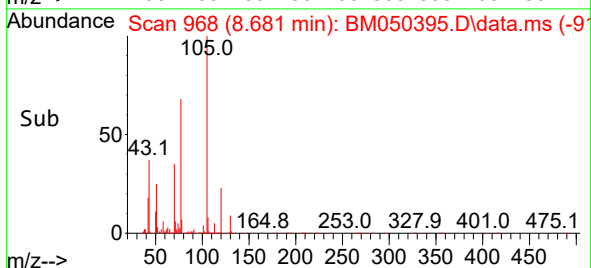
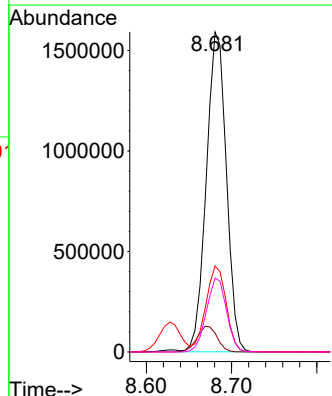
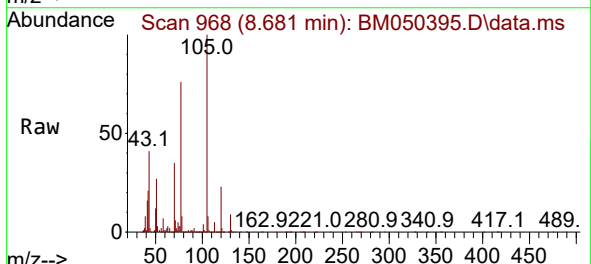
Instrument :
BNA_M
ClientSampleId :
TP-49MS

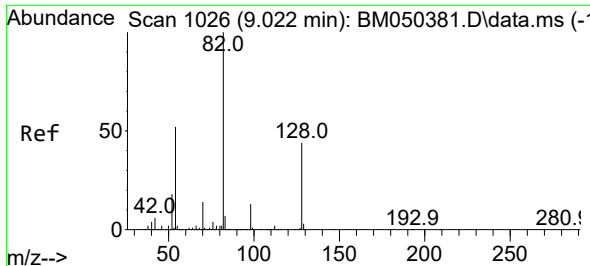
Tgt Ion:136 Resp: 2379650
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.3 6.3 9.5
68 5.2 4.2 6.2



#22
Acetophenone
Concen: 43.763 ng
RT: 8.681 min Scan# 968
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:105 Resp: 2603803
Ion Ratio Lower Upper
105 100
71 5.9 4.4 6.6
51 26.8 23.0 34.6
120 23.1 18.3 27.5

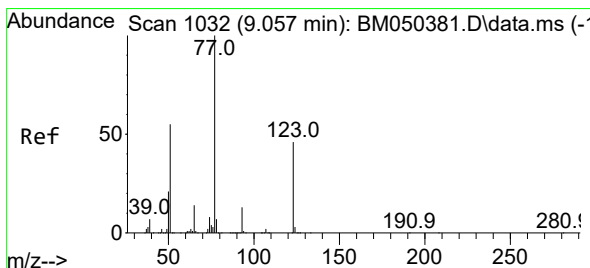
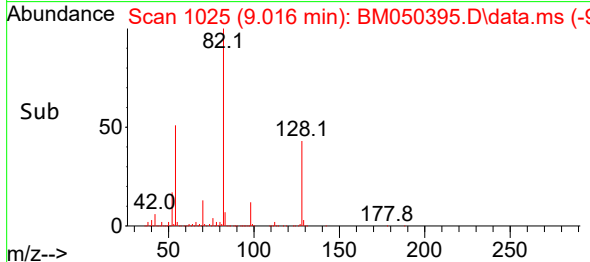
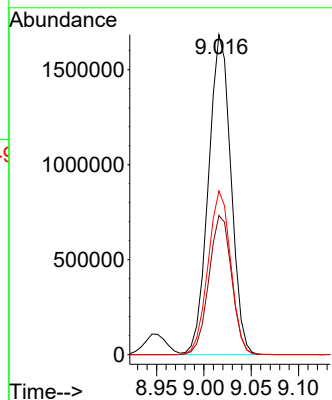
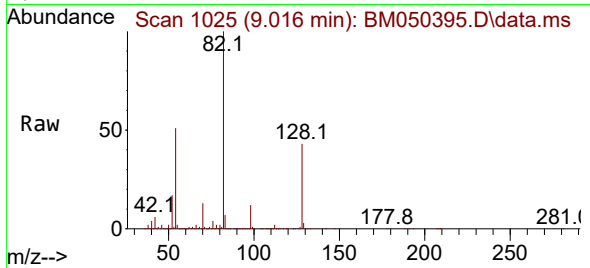




#23
Nitrobenzene-d5
Concen: 59.853 ng
RT: 9.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

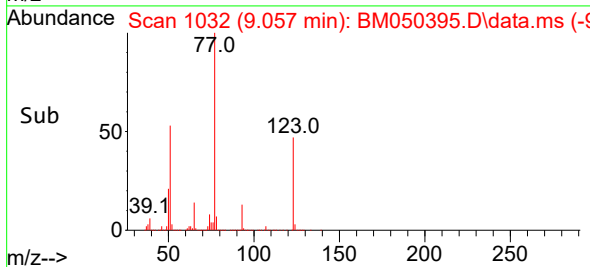
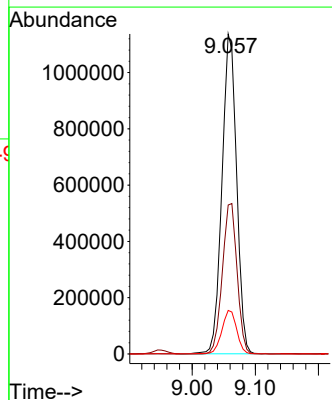
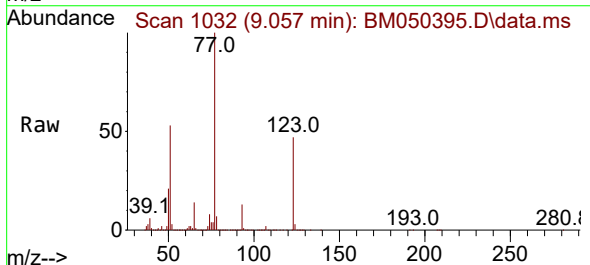
Instrument :
BNA_M
ClientSampleId :
TP-49MS

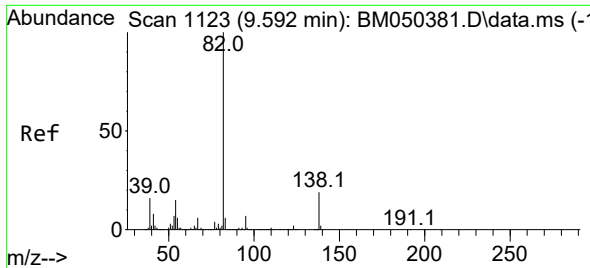
Tgt Ion: 82 Resp: 2791716
Ion Ratio Lower Upper
82 100
128 43.5 35.2 52.8
54 51.1 41.5 62.3



#24
Nitrobenzene
Concen: 43.824 ng
RT: 9.057 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion: 77 Resp: 1824064
Ion Ratio Lower Upper
77 100
123 46.6 37.0 55.6
65 13.6 11.0 16.4

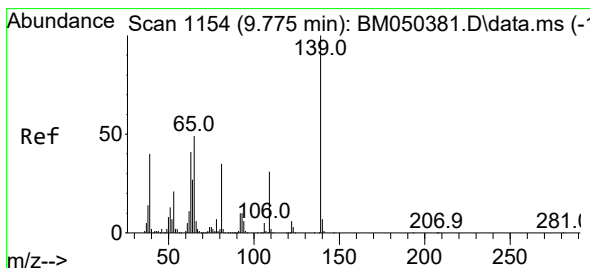
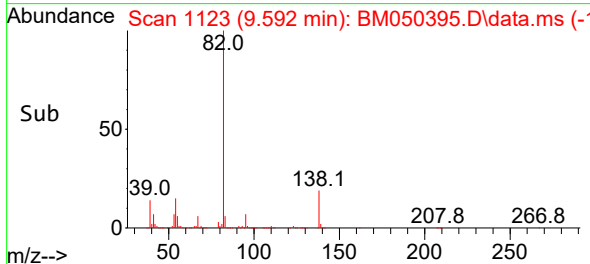
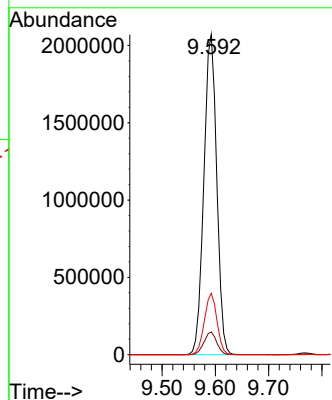
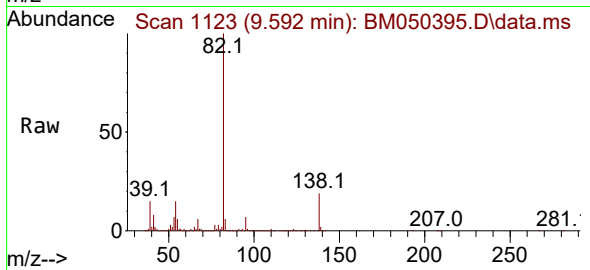




#25
Isophorone
Concen: 45.838 ng
RT: 9.592 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

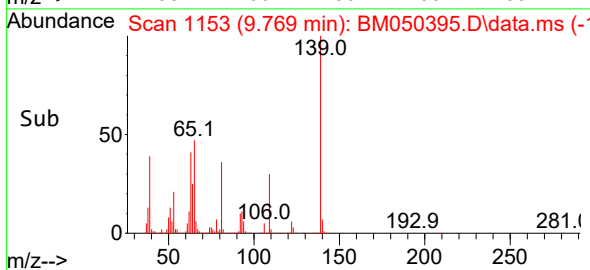
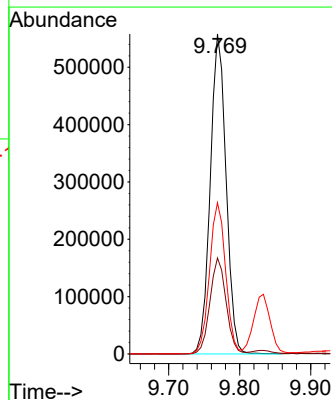
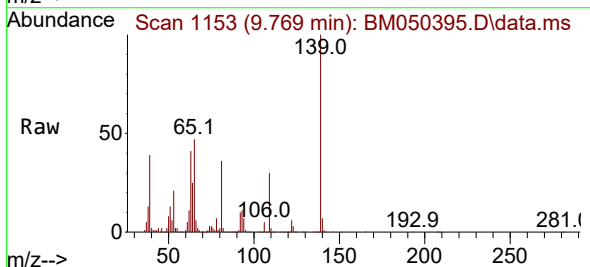
Instrument :
BNA_M
ClientSampleId :
TP-49MS

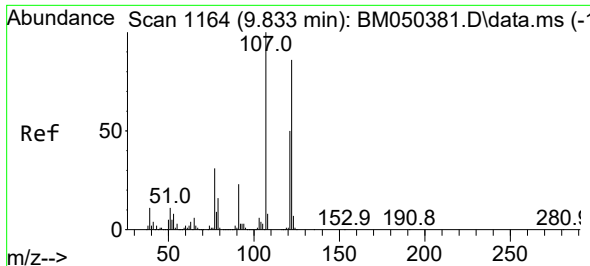
Tgt Ion: 82 Resp: 3469303
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.1 15.3 22.9



#26
2-Nitrophenol
Concen: 50.923 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion: 139 Resp: 863845
Ion Ratio Lower Upper
139 100
109 30.0 24.6 36.8
65 47.2 39.2 58.8

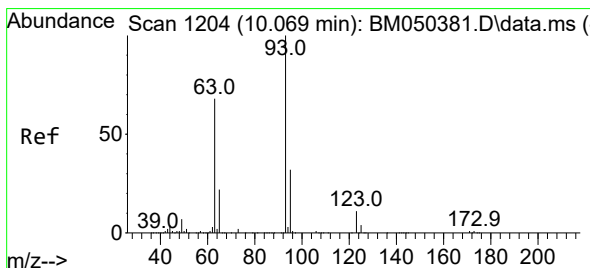
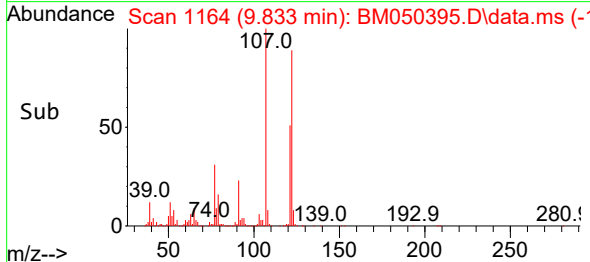
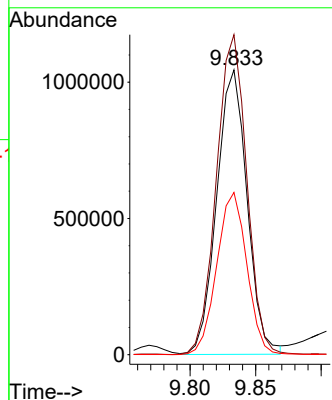
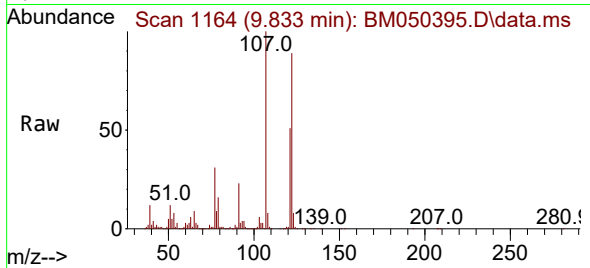




#27
2,4-Dimethylphenol
Concen: 46.663 ng
RT: 9.833 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

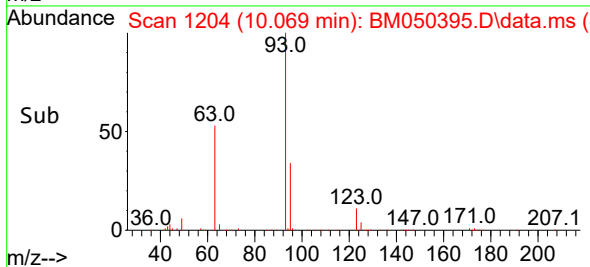
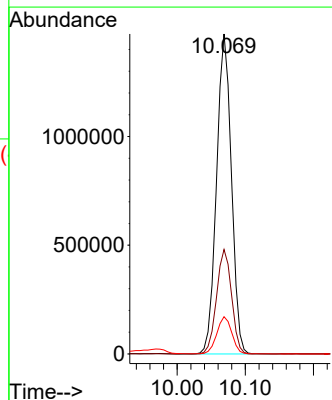
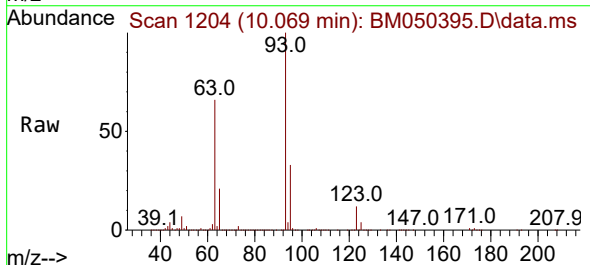
Instrument :
BNA_M
ClientSampleId :
TP-49MS

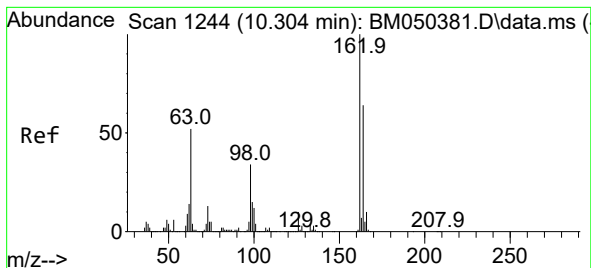
Tgt Ion:122 Resp: 1684393
Ion Ratio Lower Upper
122 100
107 112.4 93.0 139.6
121 57.0 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 44.456 ng
RT: 10.069 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion: 93 Resp: 2229548
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.6
123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.118 ng

RT: 10.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

Instrument :

BNA_M

ClientSampleId :

TP-49MS

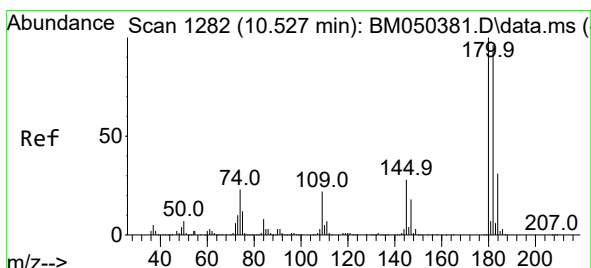
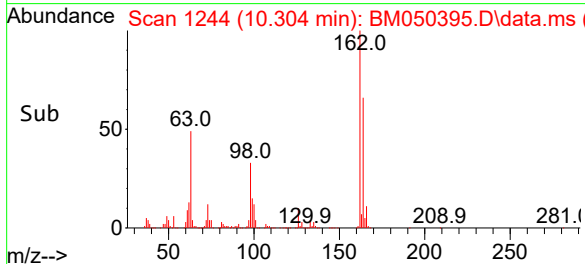
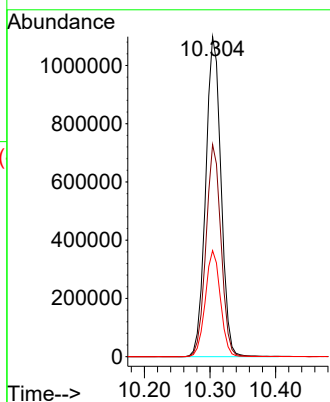
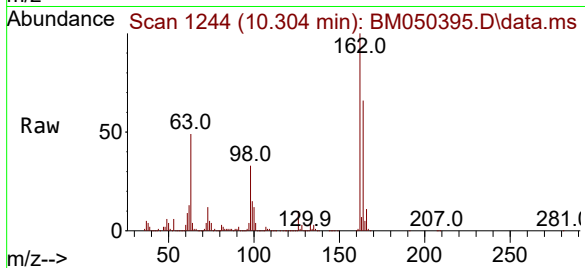
Tgt Ion:162 Resp: 1784421

Ion Ratio Lower Upper

162 100

164 66.3 43.7 83.7

98 33.1 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 44.080 ng

RT: 10.522 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

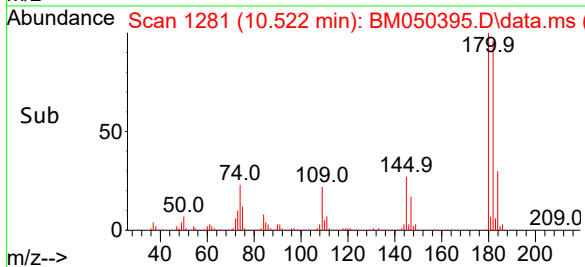
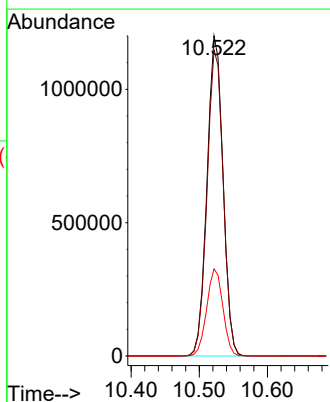
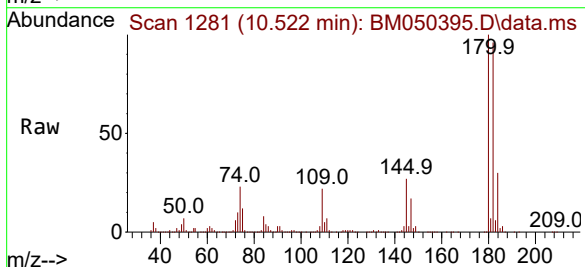
Tgt Ion:180 Resp: 1955557

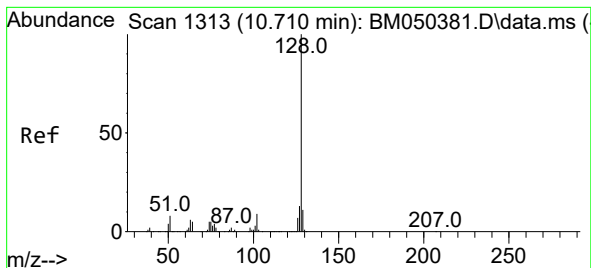
Ion Ratio Lower Upper

180 100

182 95.6 76.8 115.2

145 27.2 22.6 33.8

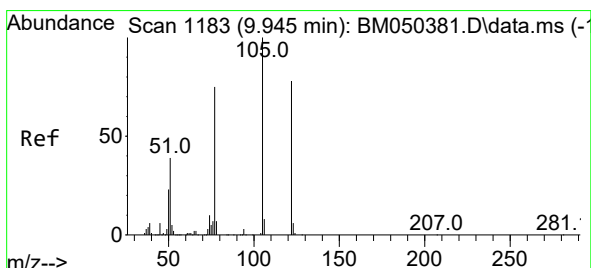
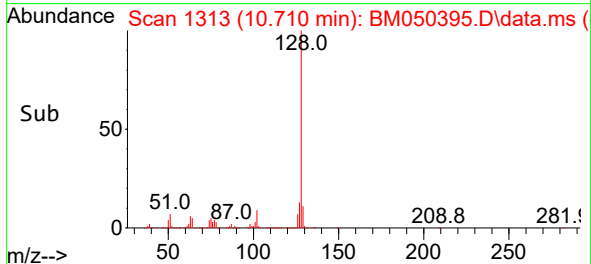
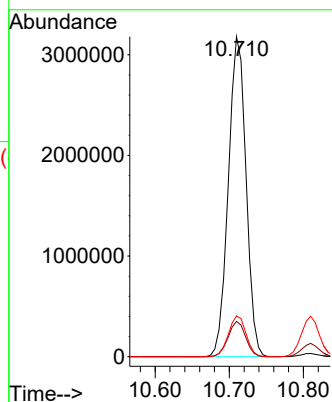
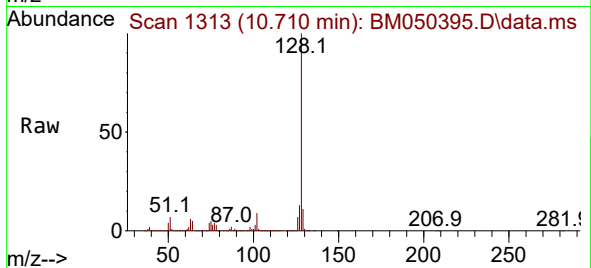




#31
Naphthalene
Concen: 43.568 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

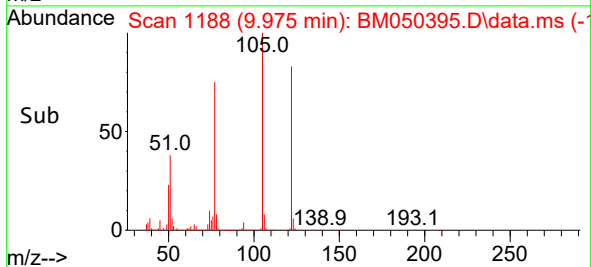
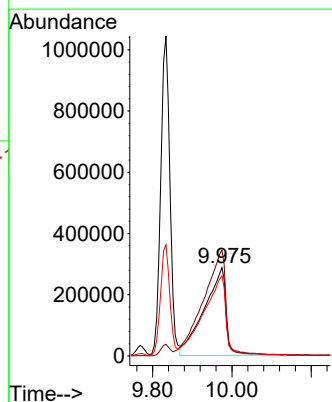
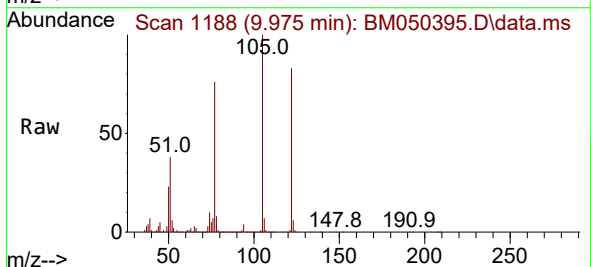
Instrument :
BNA_M
ClientSampleId :
TP-49MS

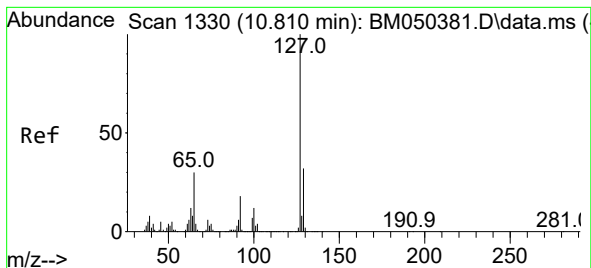
Tgt Ion:128 Resp: 5266045
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 49.383 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.030 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:122 Resp: 1098509
Ion Ratio Lower Upper
122 100
105 120.0 104.0 144.0
77 90.8 73.8 113.8





#33

4-Chloroaniline

Concen: 13.322 ng

RT: 10.810 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

Instrument :

BNA_M

ClientSampleId :

TP-49MS

Tgt Ion:127 Resp: 680711

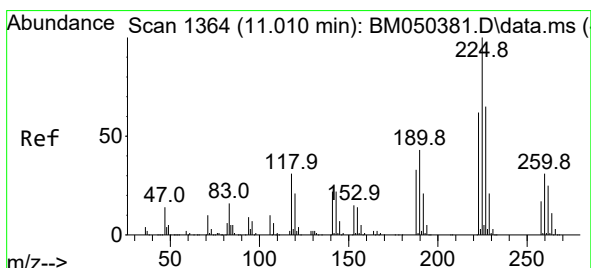
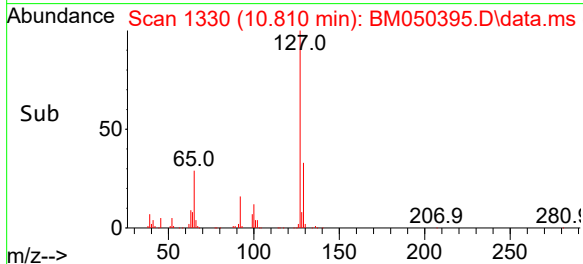
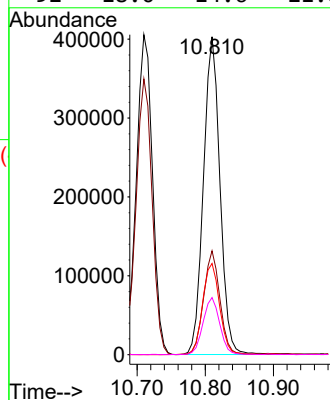
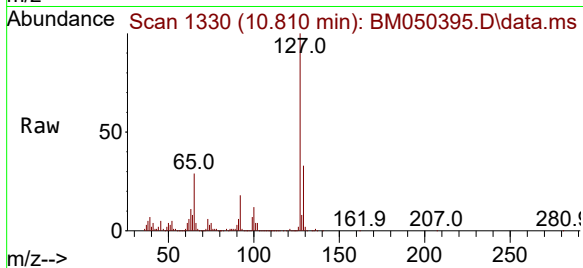
Ion Ratio Lower Upper

127 100

129 32.7 25.5 38.3

65 28.7 23.9 35.9

92 18.0 14.6 21.8



#34

Hexachlorobutadiene

Concen: 44.623 ng

RT: 11.004 min Scan# 1363

Delta R.T. -0.006 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

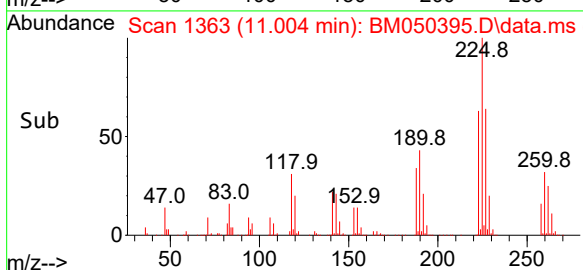
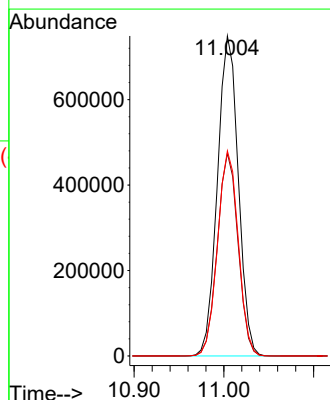
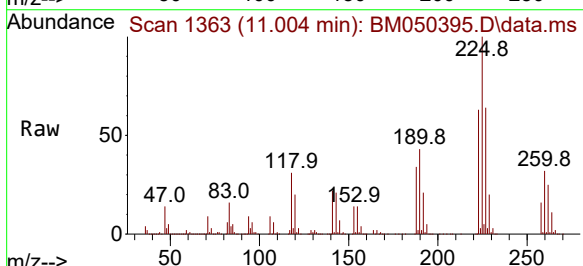
Tgt Ion:225 Resp: 1208237

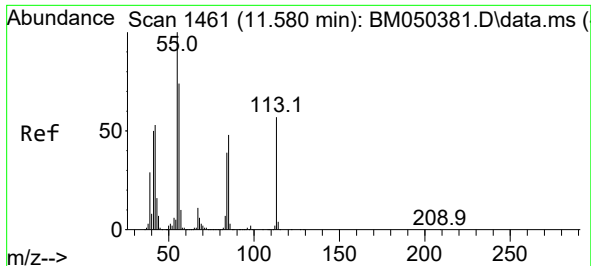
Ion Ratio Lower Upper

225 100

223 63.3 49.7 74.5

227 64.1 52.1 78.1

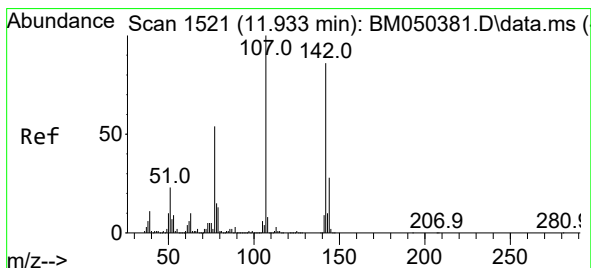
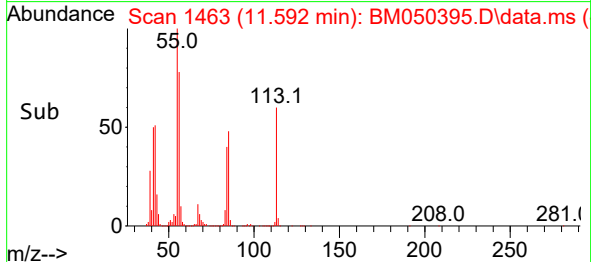
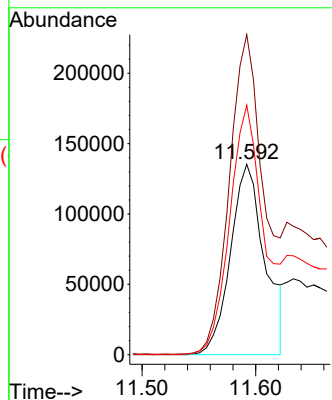
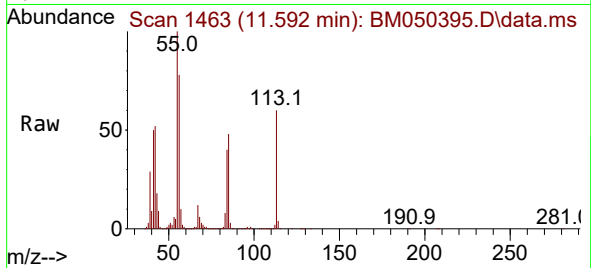




#35
Caprolactam
Concen: 28.084 ng
RT: 11.592 min Scan# 1463
Delta R.T. 0.012 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

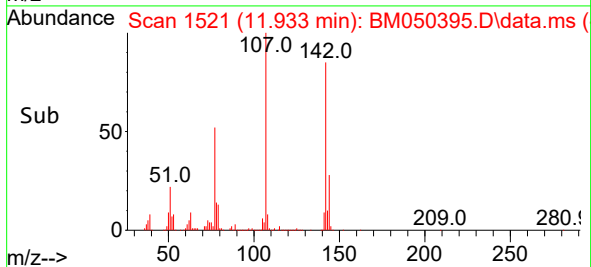
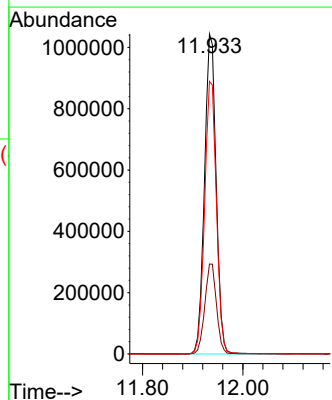
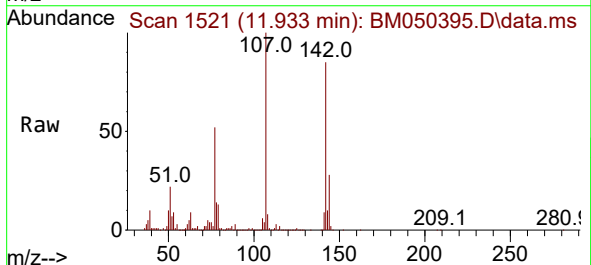
Instrument :
BNA_M
ClientSampleId :
TP-49MS

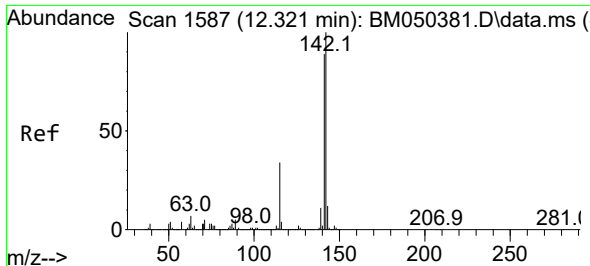
Tgt Ion:113 Resp: 284310
Ion Ratio Lower Upper
113 100
55 168.0 157.2 197.2
56 130.9 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 48.689 ng
RT: 11.933 min Scan# 1521
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:107 Resp: 1686101
Ion Ratio Lower Upper
107 100
144 28.1 22.2 33.4
142 85.2 68.7 103.1

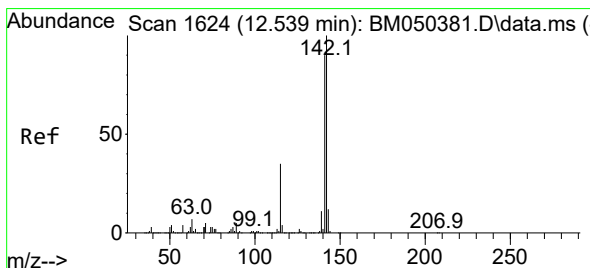
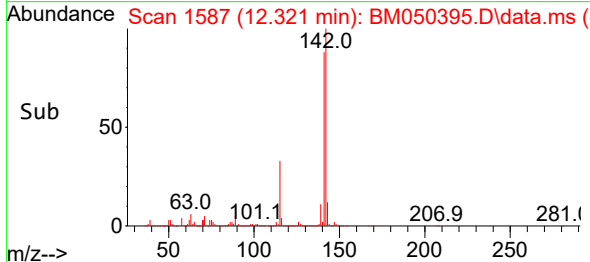
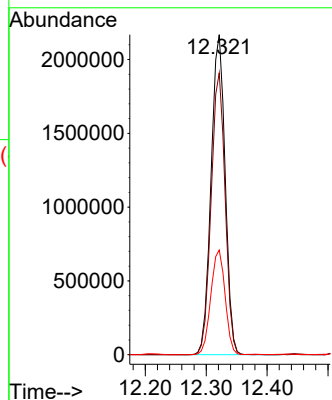
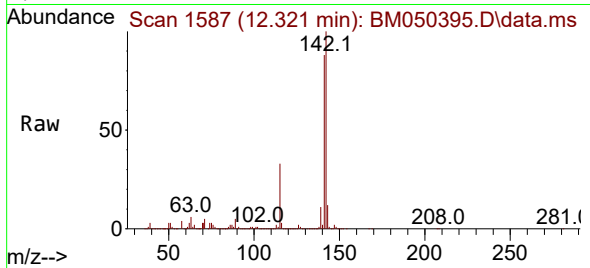




#37
2-Methylnaphthalene
Concen: 45.655 ng
RT: 12.321 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

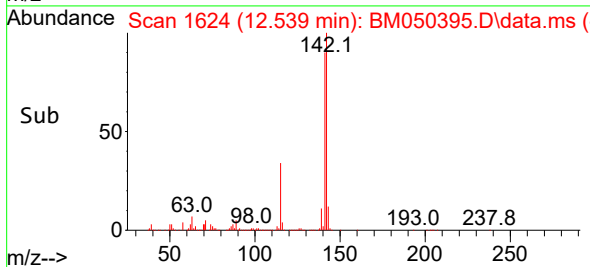
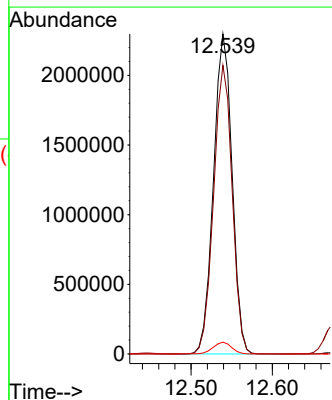
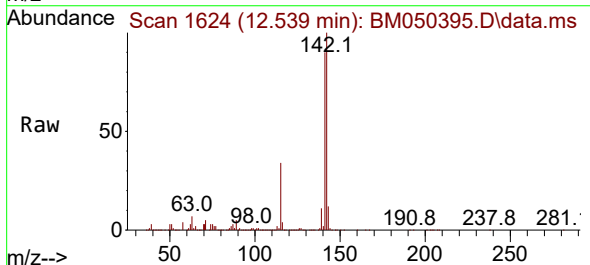
Instrument :
BNA_M
ClientSampleId :
TP-49MS

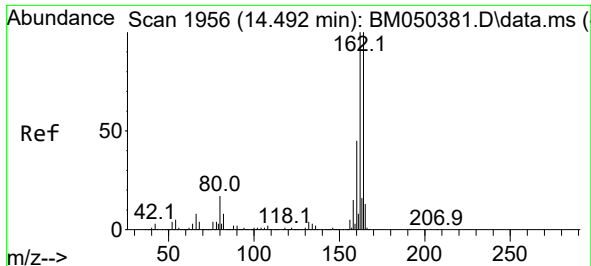
Tgt Ion:142 Resp: 3484244
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2
115 32.7 27.0 40.4



#38
1-Methylnaphthalene
Concen: 45.182 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:142 Resp: 3649174
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9
116 3.7 3.0 4.6

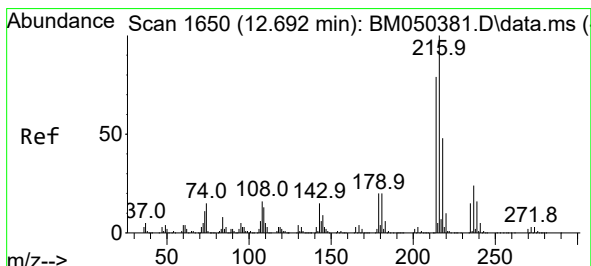
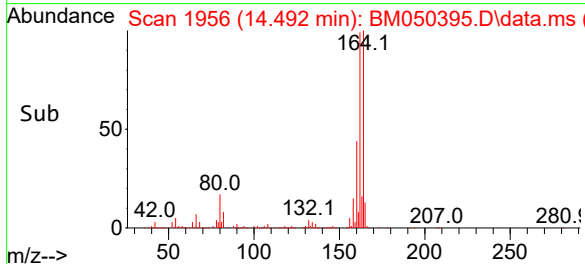
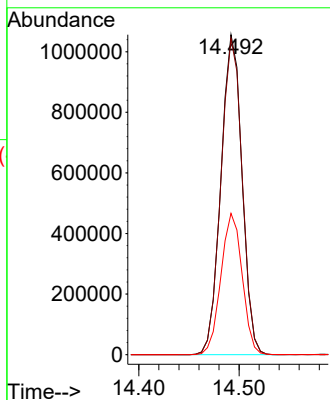
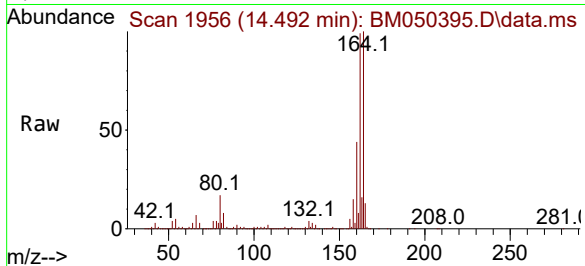




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

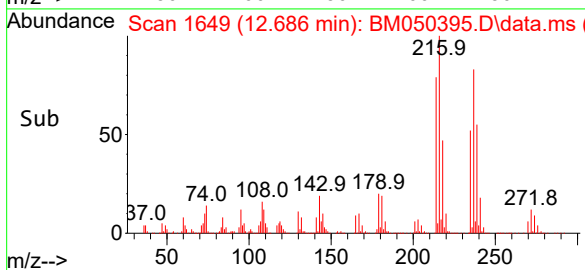
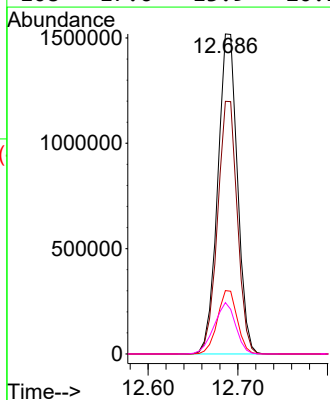
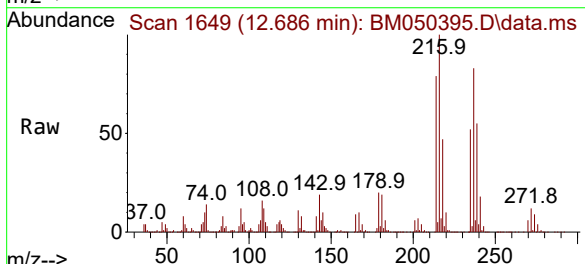
Instrument :
BNA_M
ClientSampleId :
TP-49MS

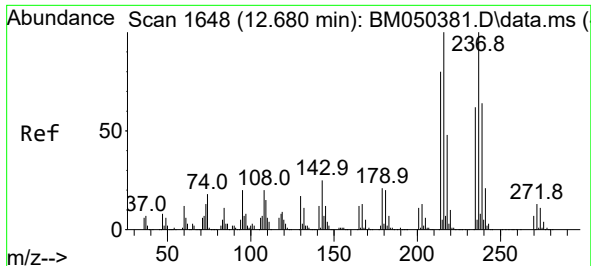
Tgt Ion:164 Resp: 1542629
Ion Ratio Lower Upper
164 100
162 98.8 79.9 119.9
160 44.1 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.171 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:216 Resp: 2314043
Ion Ratio Lower Upper
216 100
214 78.9 63.3 94.9
179 19.9 16.4 24.6
108 17.6 13.9 20.9

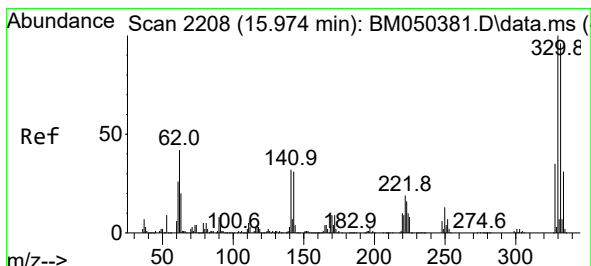
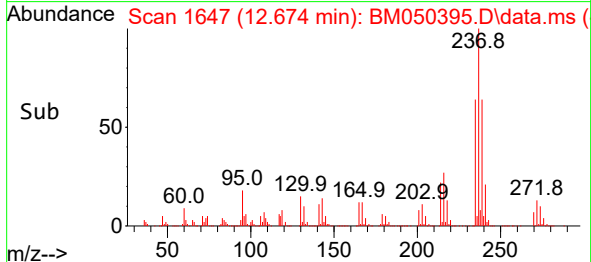
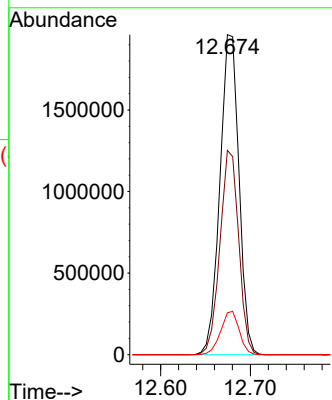
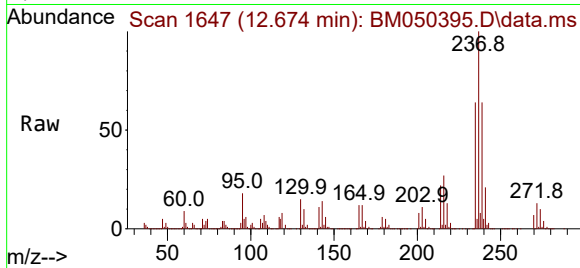




#41
Hexachlorocyclopentadiene
Concen: 92.252 ng
RT: 12.674 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

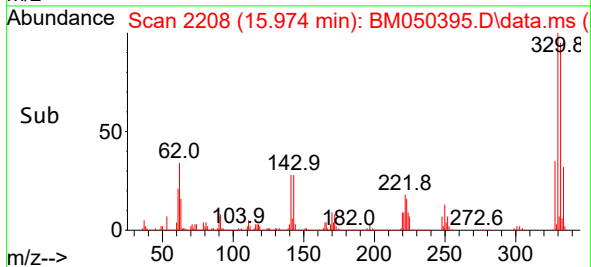
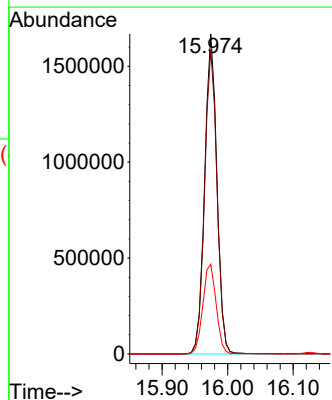
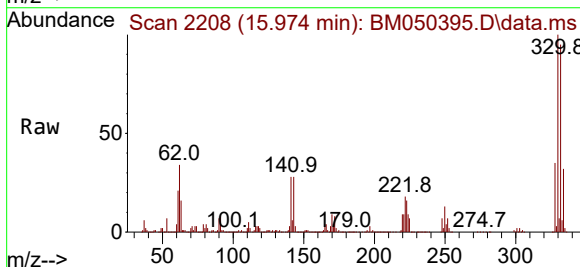
Instrument :
BNA_M
ClientSampleId :
TP-49MS

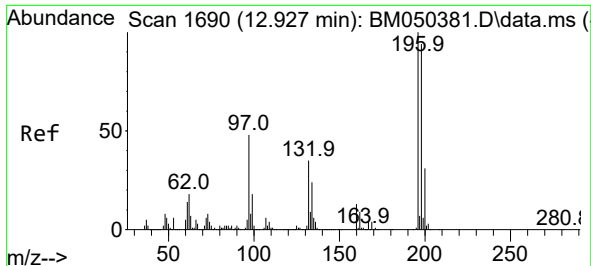
Tgt Ion:237 Resp: 2892812
Ion Ratio Lower Upper
237 100
235 63.9 42.3 82.3
272 13.1 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 116.182 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:330 Resp: 2177611
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 30.5 27.4 41.0

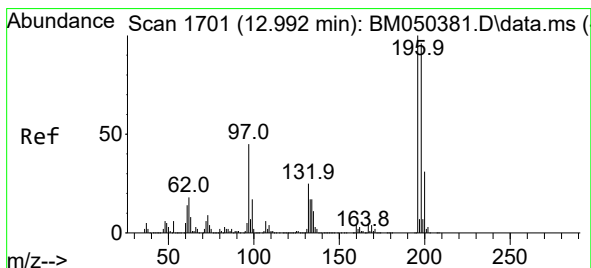
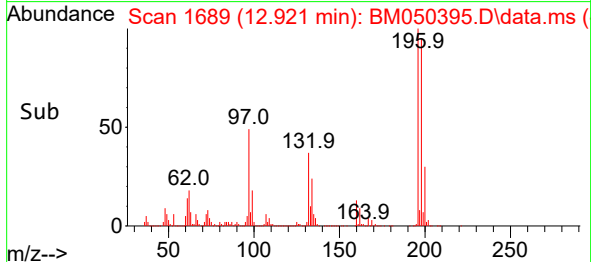
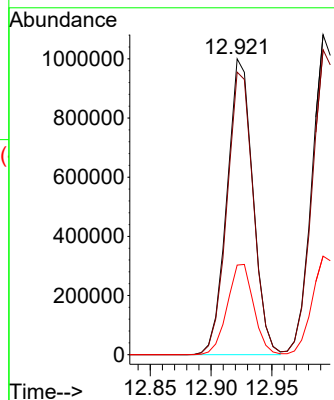
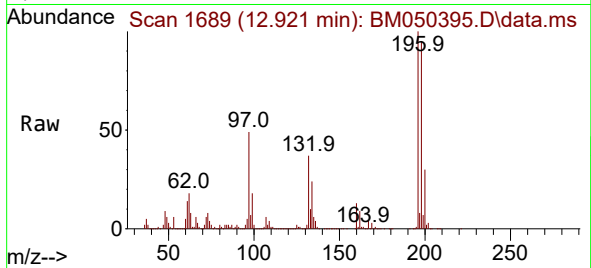




#43
2,4,6-Trichlorophenol
Concen: 49.186 ng
RT: 12.921 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

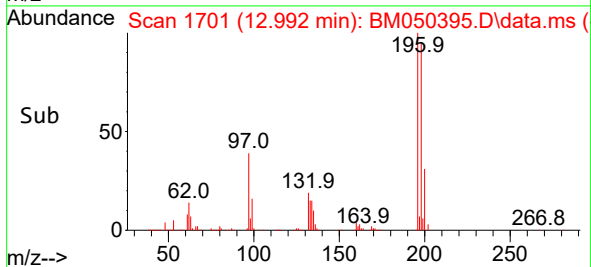
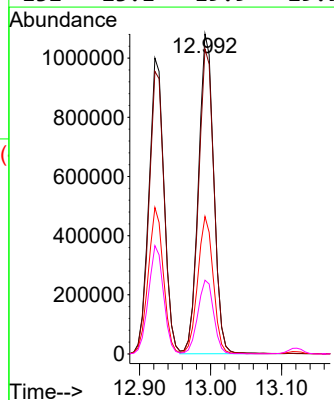
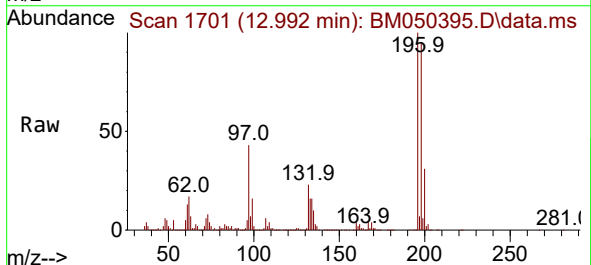
Instrument :
BNA_M
ClientSampleId :
TP-49MS

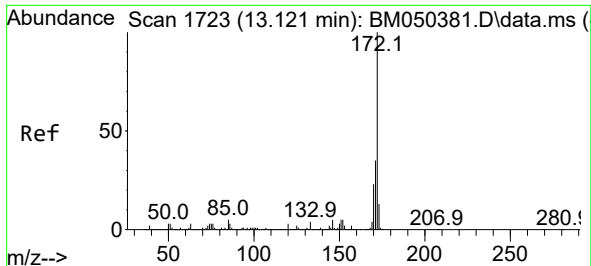
Tgt Ion:196 Resp: 1485263
Ion Ratio Lower Upper
196 100
198 95.5 75.1 112.7
200 30.3 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 49.274 ng
RT: 12.992 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:196 Resp: 1624980
Ion Ratio Lower Upper
196 100
198 95.3 77.2 115.8
97 42.9 36.2 54.4
132 23.1 19.9 29.9

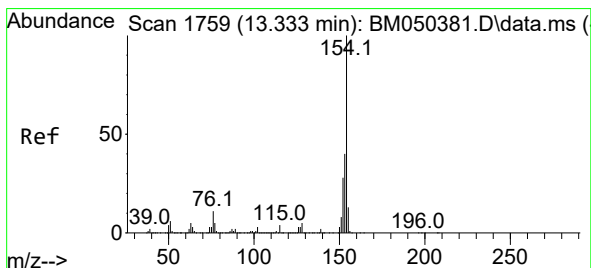
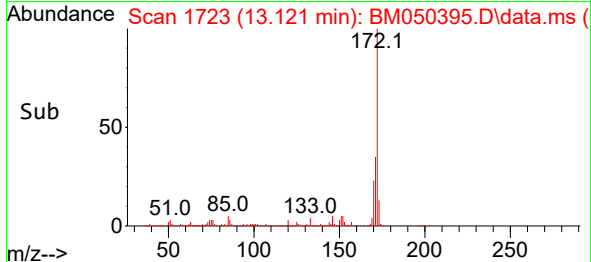
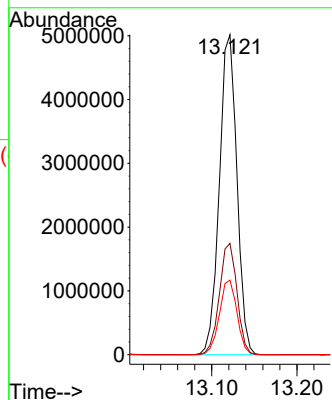
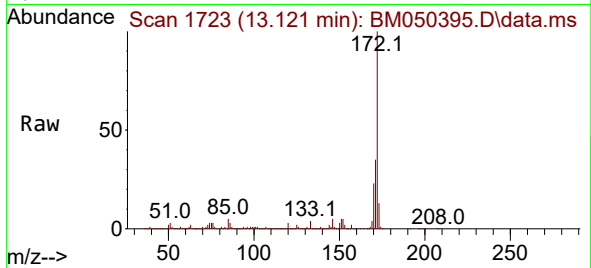




#45
2-Fluorobiphenyl
Concen: 57.517 ng
RT: 13.121 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

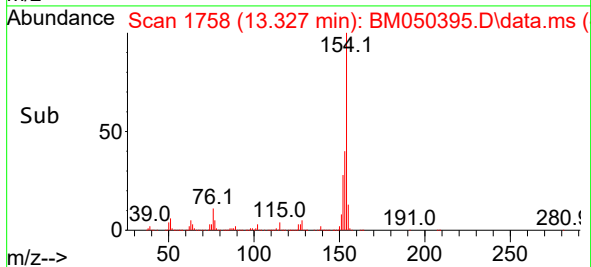
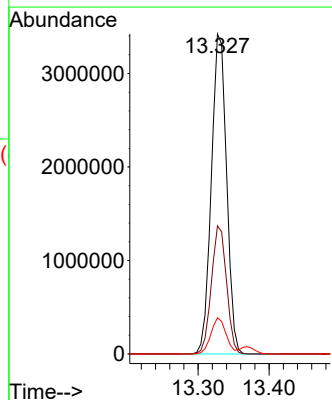
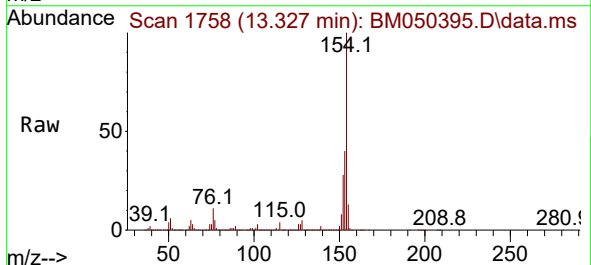
Instrument :
BNA_M
ClientSampleId :
TP-49MS

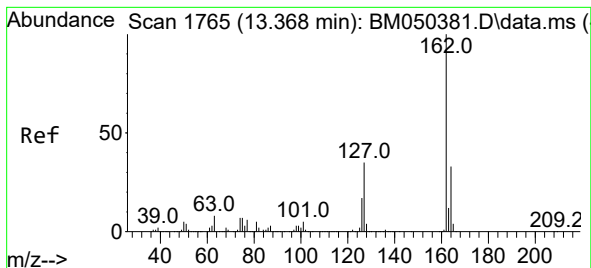
Tgt Ion:172 Resp: 7184736
Ion Ratio Lower Upper
172 100
171 34.8 27.7 41.5
170 23.3 18.8 28.2



#46
1,1'-Biphenyl
Concen: 44.497 ng
RT: 13.327 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:154 Resp: 5092784
Ion Ratio Lower Upper
154 100
153 40.1 19.7 59.7
76 11.3 0.0 30.9





#47

2-Chloronaphthalene

Concen: 43.836 ng

RT: 13.368 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

Instrument :

BNA_M

ClientSampleId :

TP-49MS

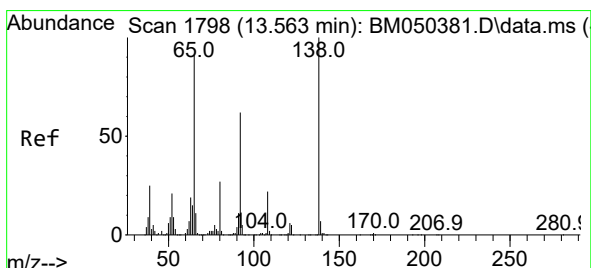
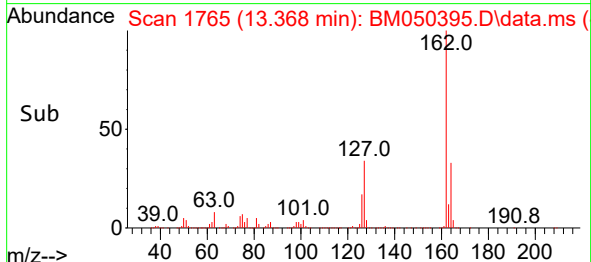
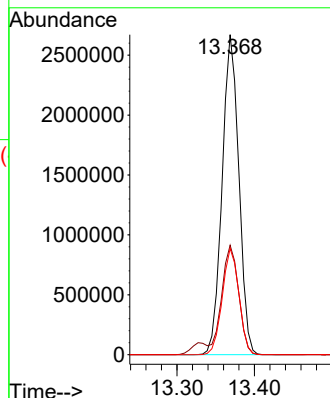
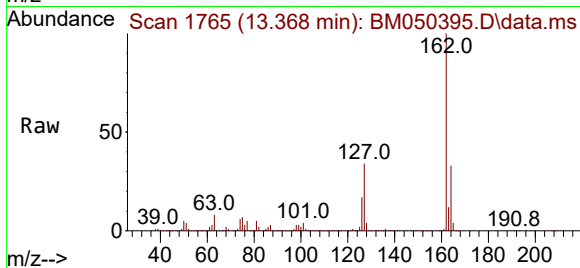
Tgt Ion:162 Resp: 4000217

Ion Ratio Lower Upper

162 100

127 34.2 28.3 42.5

164 33.2 26.6 40.0



#48

2-Nitroaniline

Concen: 49.834 ng

RT: 13.563 min Scan# 1798

Delta R.T. -0.000 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

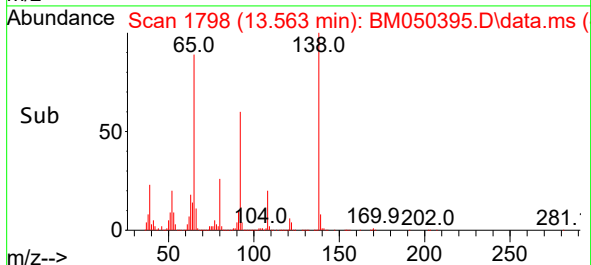
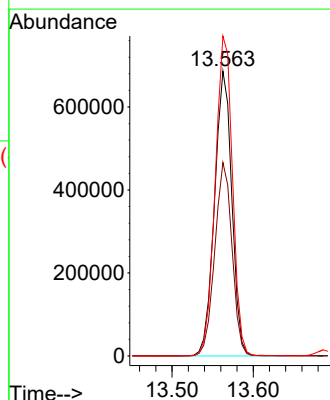
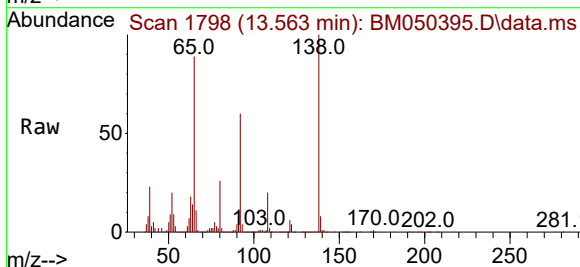
Tgt Ion: 65 Resp: 1015057

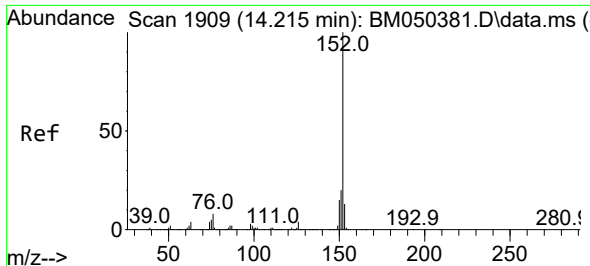
Ion Ratio Lower Upper

65 100

92 67.9 54.3 81.5

138 112.3 87.8 131.6

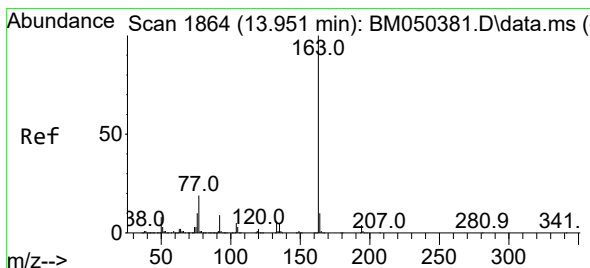
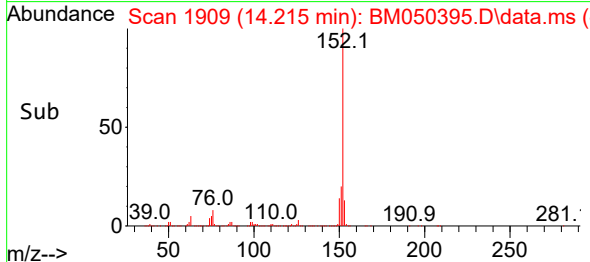
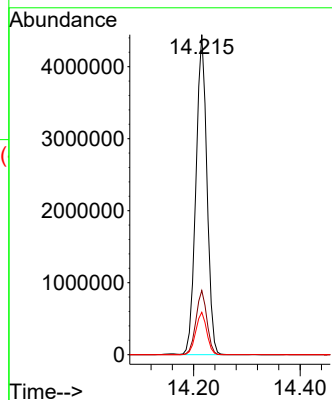
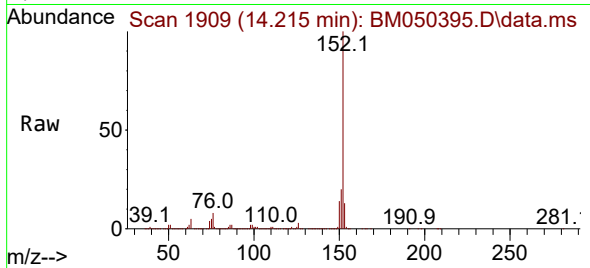




#49
Acenaphthylene
Concen: 46.249 ng
RT: 14.215 min Scan# 1909
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

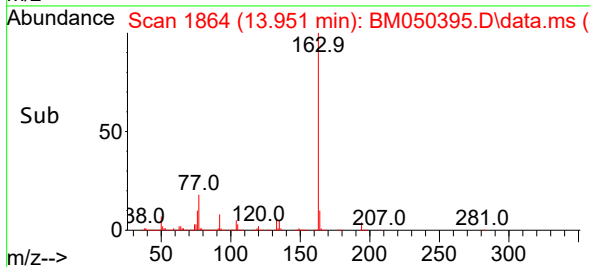
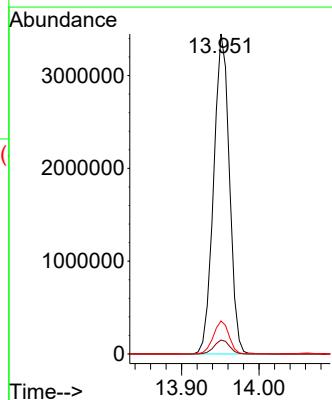
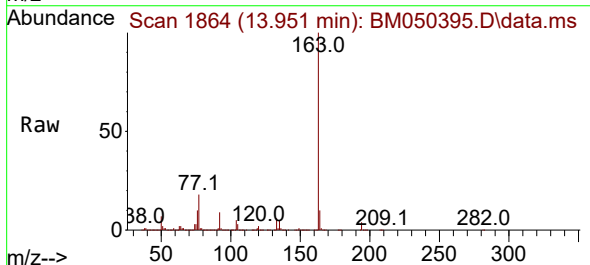
Instrument :
BNA_M
ClientSampleId :
TP-49MS

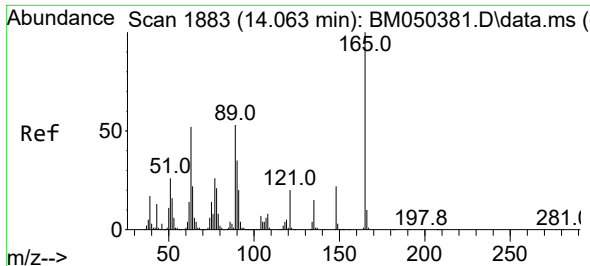
Tgt Ion:152 Resp: 6378247
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 45.820 ng
RT: 13.951 min Scan# 1864
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:163 Resp: 4866350
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.3 8.2 12.2

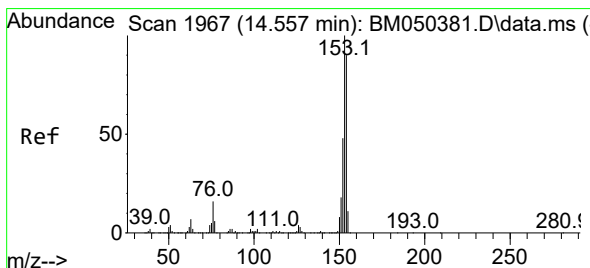
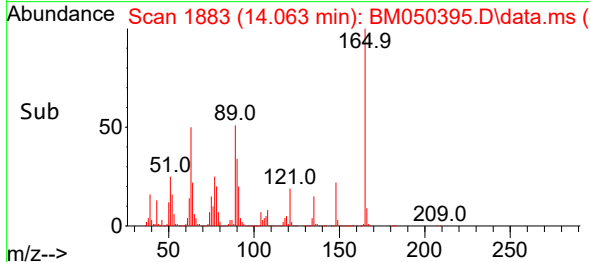
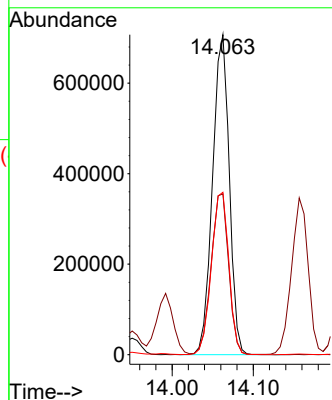
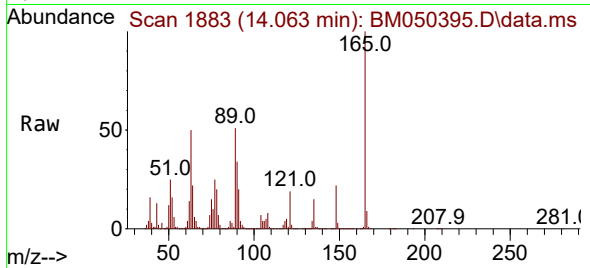




#51
2,6-Dinitrotoluene
Concen: 49.553 ng
RT: 14.063 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

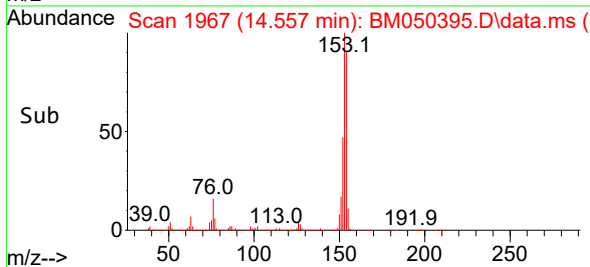
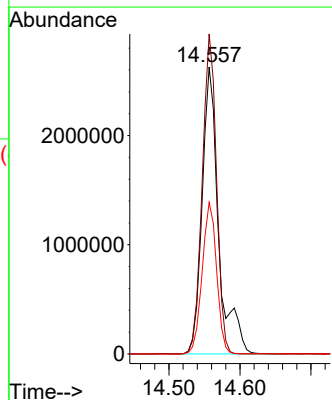
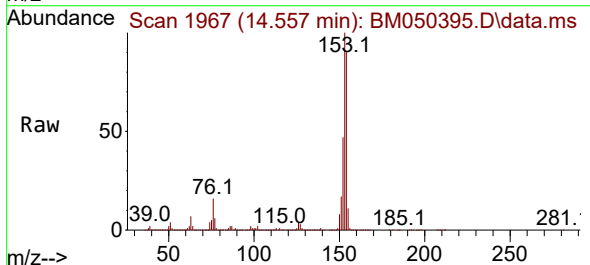
Instrument :
BNA_M
ClientSampleId :
TP-49MS

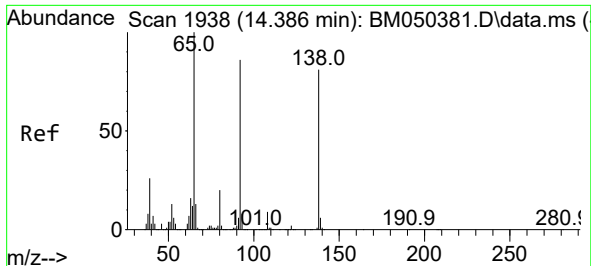
Tgt Ion:165 Resp: 1010477
Ion Ratio Lower Upper
165 100
63 50.2 42.4 63.6
89 50.7 42.2 63.2



#52
Acenaphthene
Concen: 48.388 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:154 Resp: 4242623
Ion Ratio Lower Upper
154 100
153 111.5 89.2 133.8
152 52.8 42.6 64.0

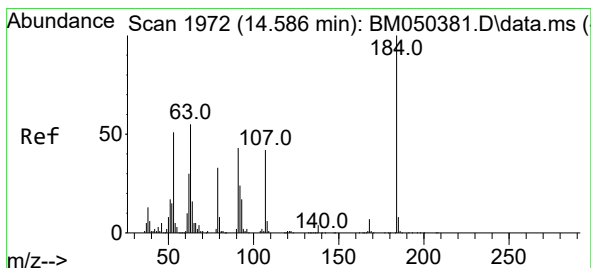
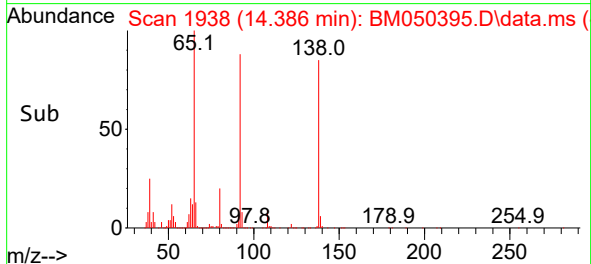
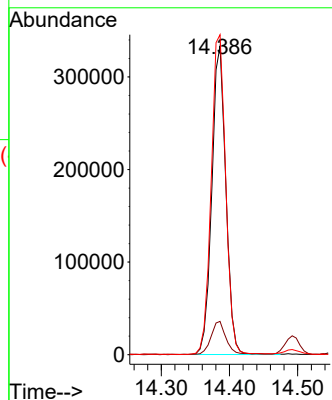
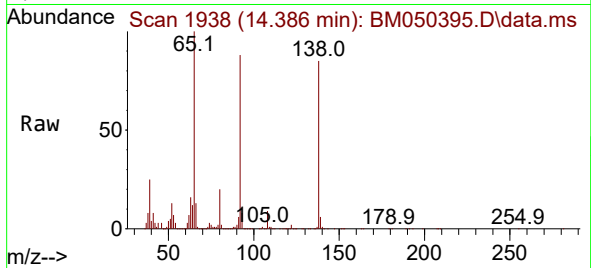




#53
3-Nitroaniline
Concen: 22.033 ng
RT: 14.386 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

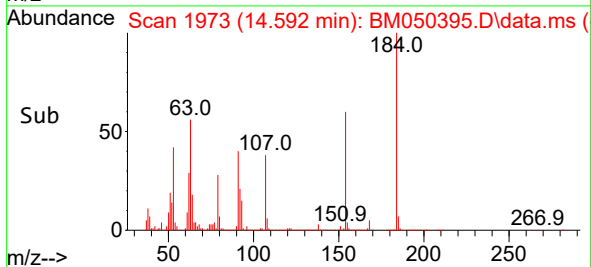
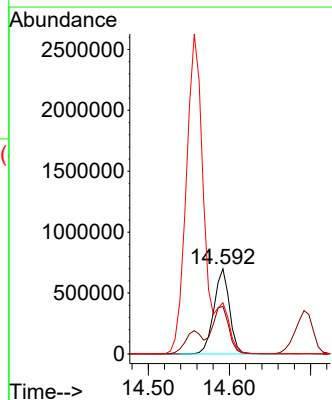
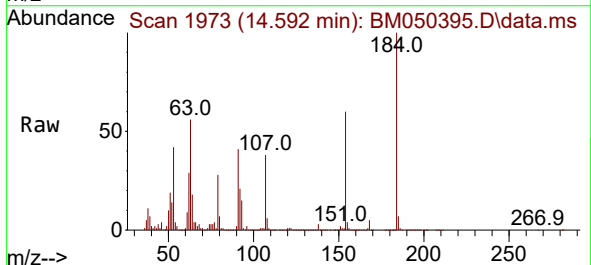
Instrument :
BNA_M
ClientSampleId :
TP-49MS

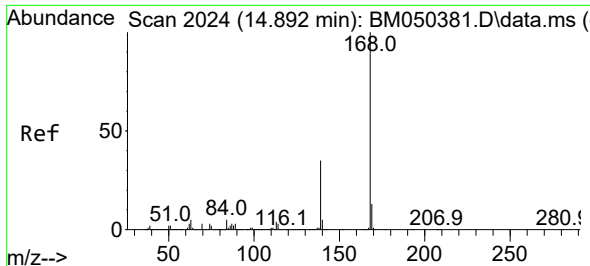
Tgt Ion:138 Resp: 477830
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 103.7 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 82.459 ng
RT: 14.592 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:184 Resp: 930266
Ion Ratio Lower Upper
184 100
63 55.7 53.4 80.0
154 60.1 61.6 92.4#

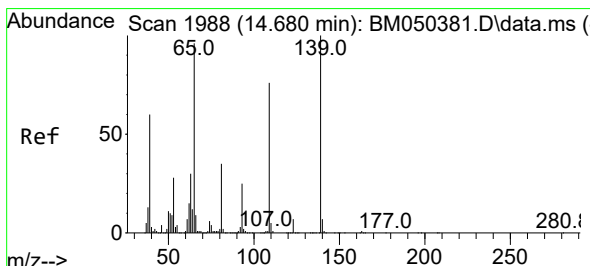
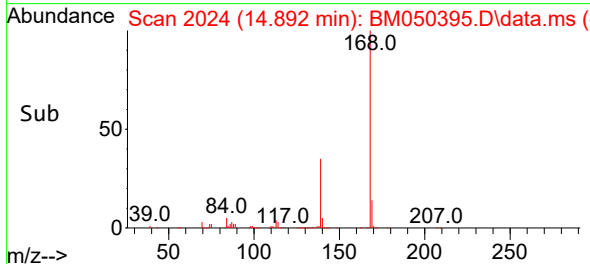
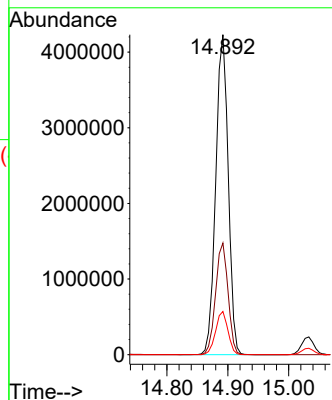
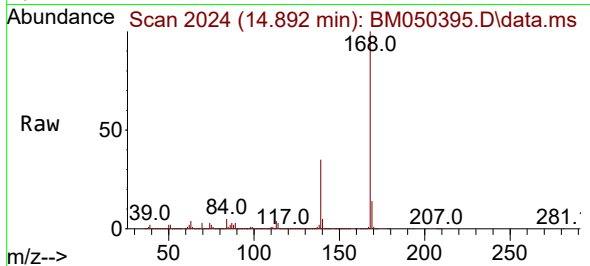




#55
Dibenzenofuran
Concen: 44.472 ng
RT: 14.892 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

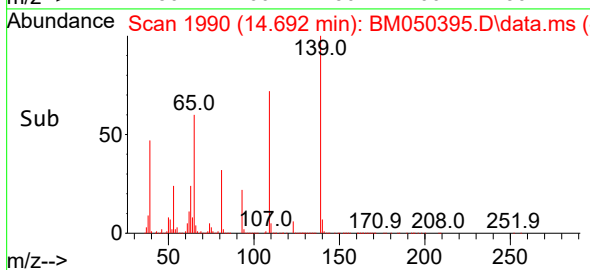
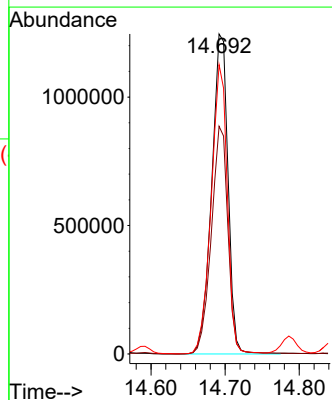
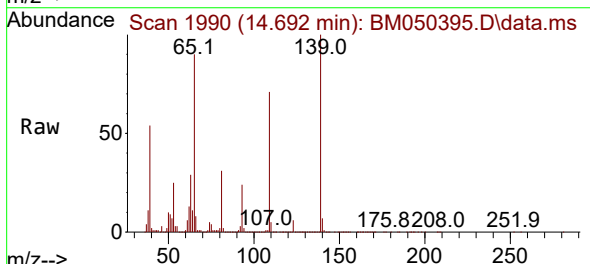
Instrument :
BNA_M
ClientSampleId :
TP-49MS

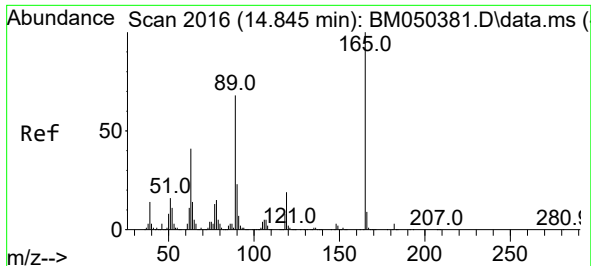
Tgt Ion:168 Resp: 6007916
Ion Ratio Lower Upper
168 100
139 34.9 27.7 41.5
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 102.234 ng
RT: 14.692 min Scan# 1990
Delta R.T. 0.012 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:139 Resp: 1906631
Ion Ratio Lower Upper
139 100
109 71.2 56.5 96.5
65 90.4 76.4 116.4

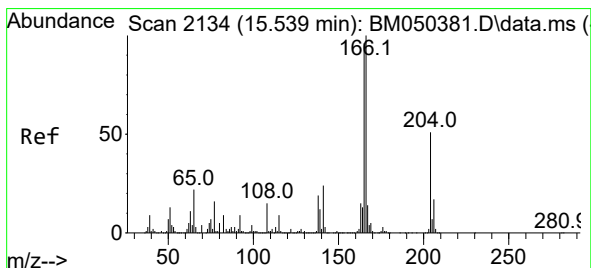
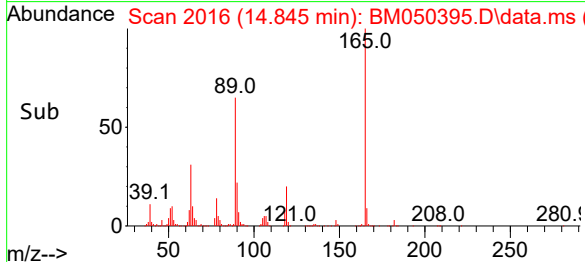
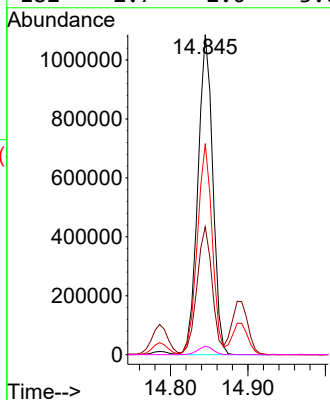
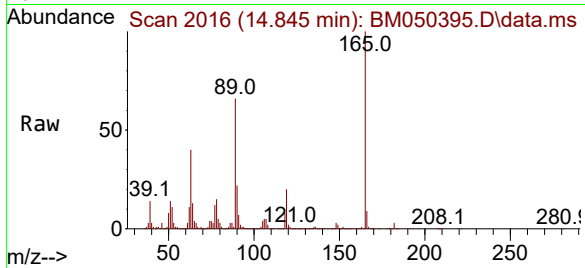




#57
2,4-Dinitrotoluene
Concen: 47.433 ng
RT: 14.845 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

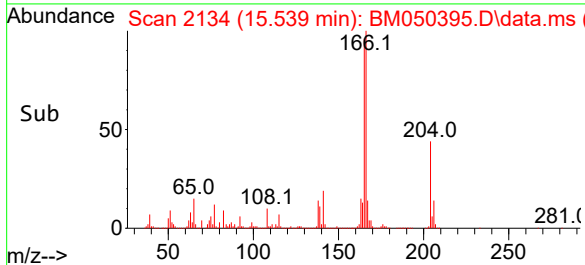
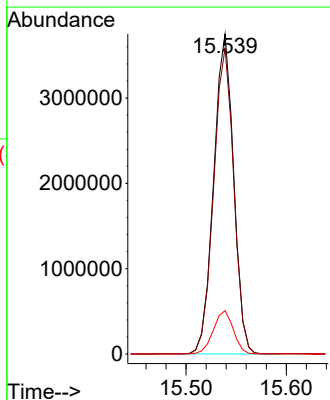
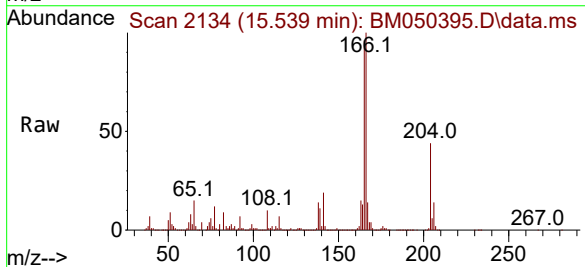
Instrument :
BNA_M
ClientSampleId :
TP-49MS

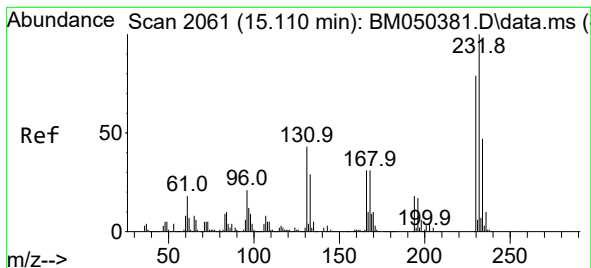
Tgt Ion:165 Resp: 1446928
Ion Ratio Lower Upper
165 100
63 40.0 32.5 48.7
89 66.0 54.0 81.0
182 2.7 2.0 3.0



#58
Fluorene
Concen: 46.488 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:166 Resp: 5172898
Ion Ratio Lower Upper
166 100
165 95.6 77.0 115.6
167 13.6 10.9 16.3

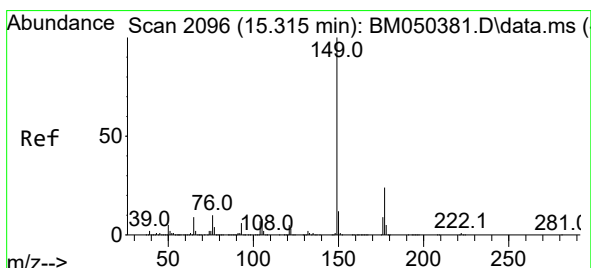
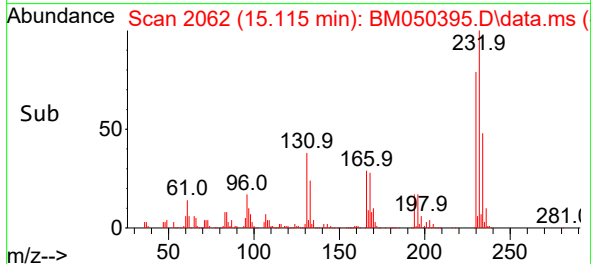
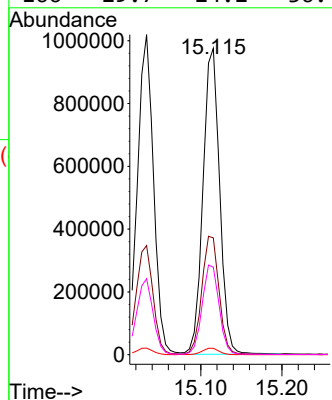
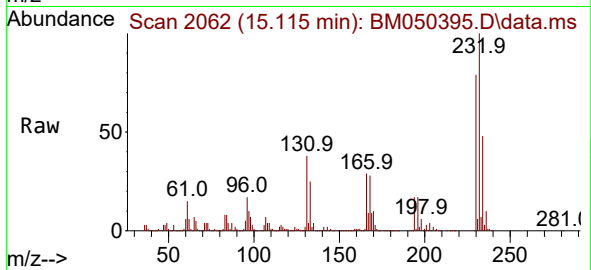




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.001 ng
RT: 15.115 min Scan# 2062
Delta R.T. 0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

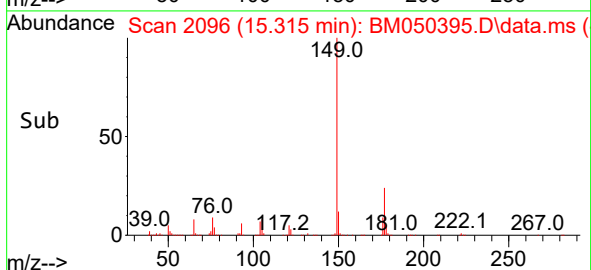
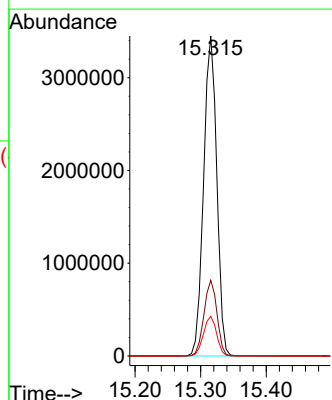
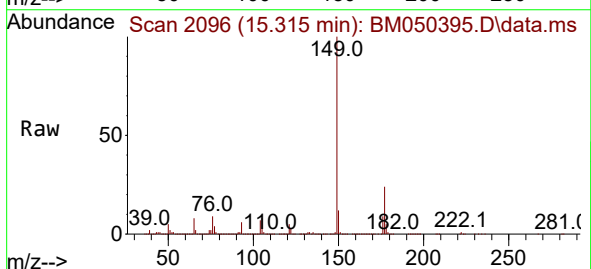
Instrument :
BNA_M
ClientSampleId :
TP-49MS

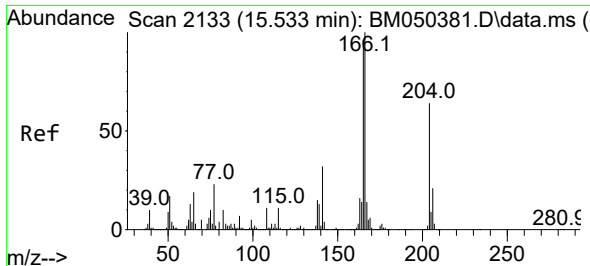
Tgt Ion:232 Resp: 1388092
Ion Ratio Lower Upper
232 100
131 40.2 33.4 50.0
130 2.2 1.8 2.6
166 29.7 24.2 36.4



#60
Diethylphthalate
Concen: 47.471 ng
RT: 15.315 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:149 Resp: 4816028
Ion Ratio Lower Upper
149 100
177 23.6 18.8 28.2
150 12.4 9.8 14.8

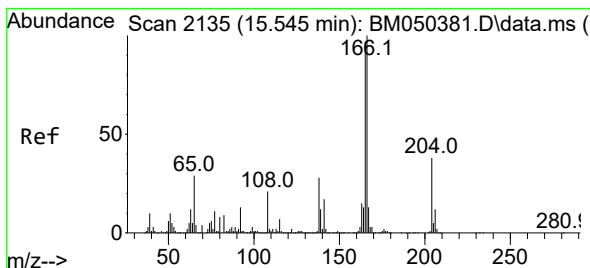
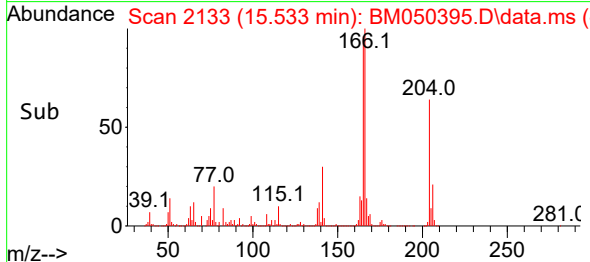
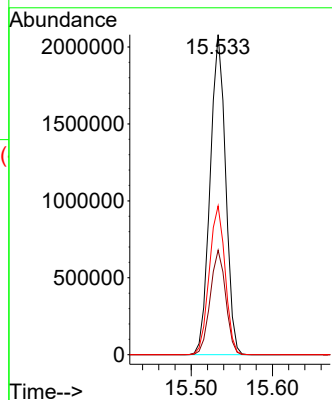
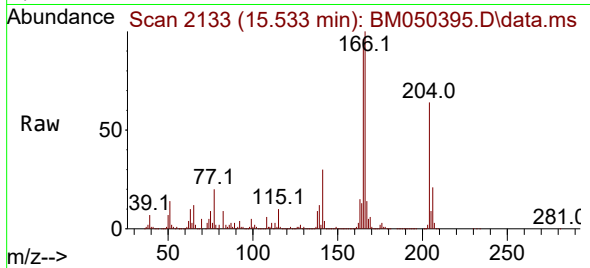




#61
4-Chlorophenyl-phenylether
Concen: 47.210 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

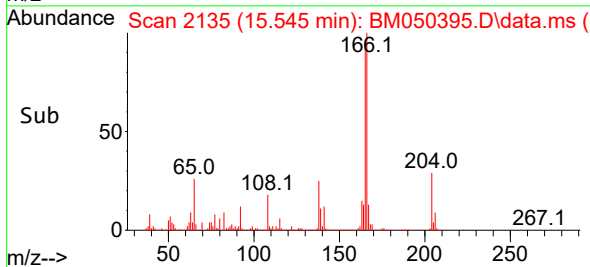
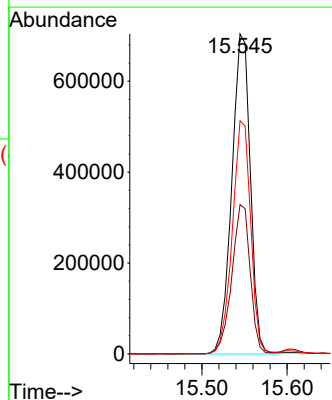
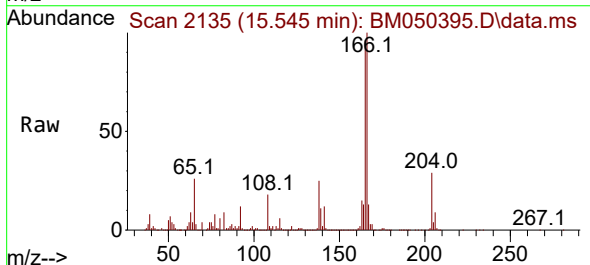
Instrument :
BNA_M
ClientSampleId :
TP-49MS

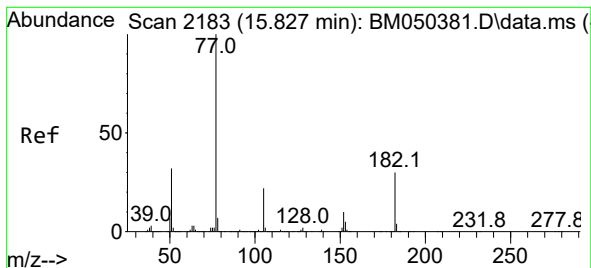
Tgt Ion:204 Resp: 2746868
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 46.5 39.9 59.9



#62
4-Nitroaniline
Concen: 42.890 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:138 Resp: 1062082
Ion Ratio Lower Upper
138 100
92 46.7 24.5 64.5
108 72.9 52.5 92.5





#63

Azobenzene

Concen: 49.480 ng

RT: 15.821 min Scan# 2183

Delta R.T. -0.006 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

Instrument :

BNA_M

ClientSampleId :

TP-49MS

Tgt Ion: 77 Resp: 4609427

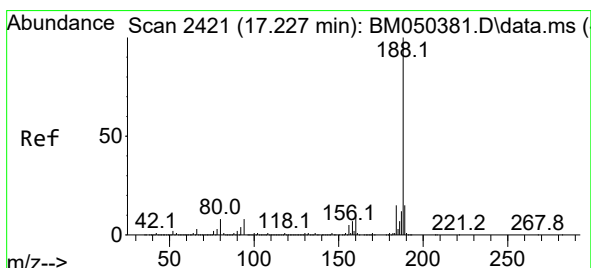
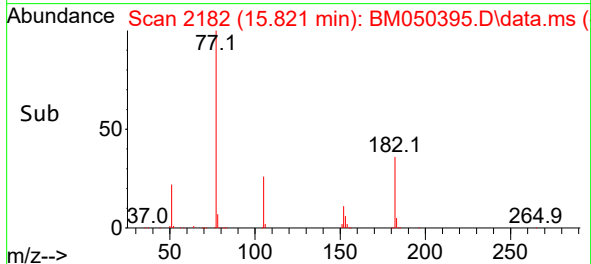
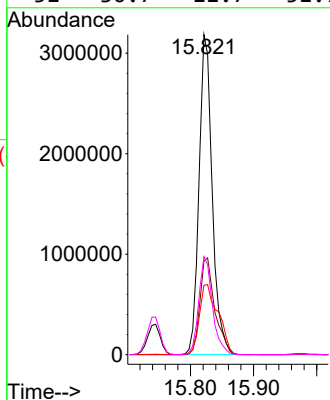
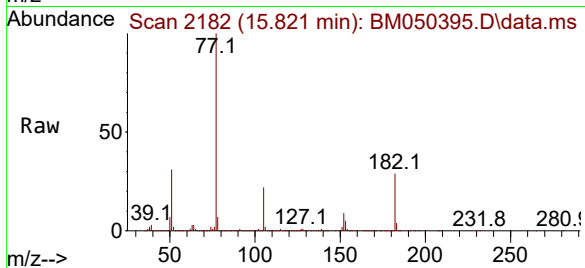
Ion Ratio Lower Upper

77 100

182 29.3 10.0 50.0

105 21.7 2.0 42.0

51 30.7 11.7 51.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

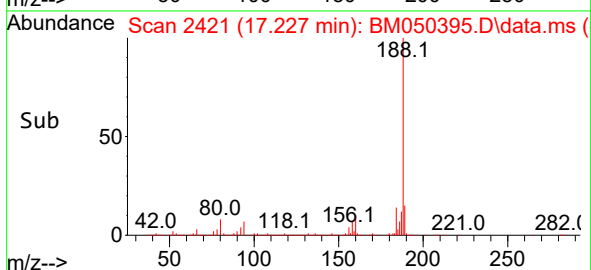
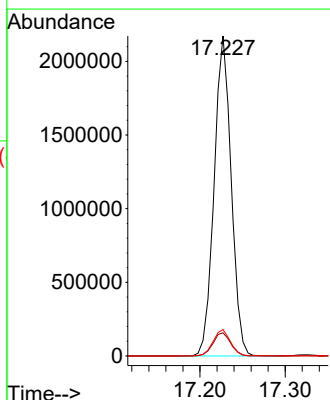
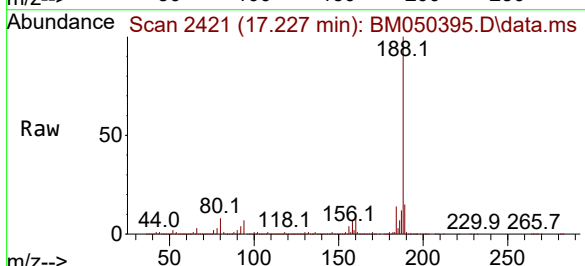
Tgt Ion:188 Resp: 3030624

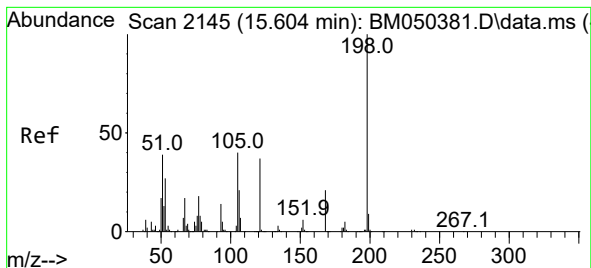
Ion Ratio Lower Upper

188 100

94 7.3 6.0 9.0

80 8.3 6.5 9.7

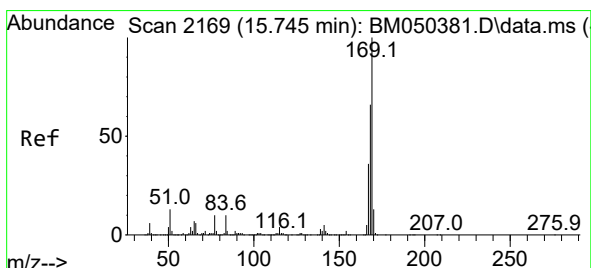
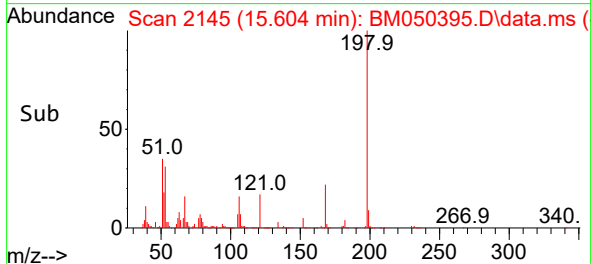
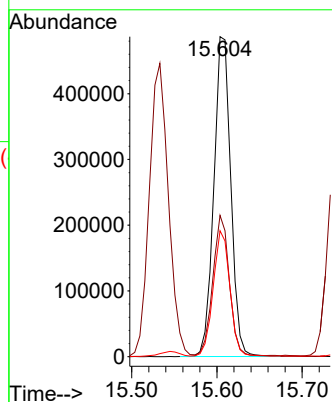
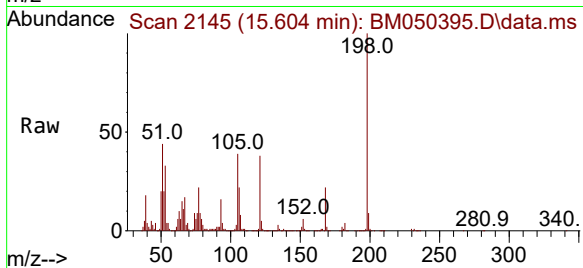




#65
4,6-Dinitro-2-methylphenol
Concen: 42.145 ng
RT: 15.604 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

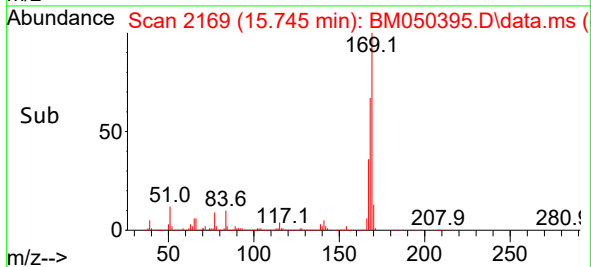
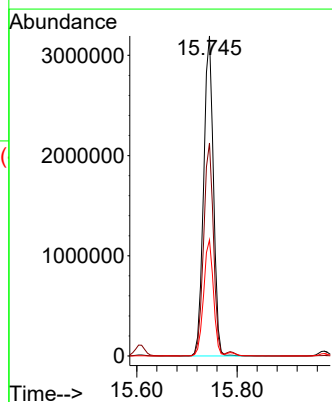
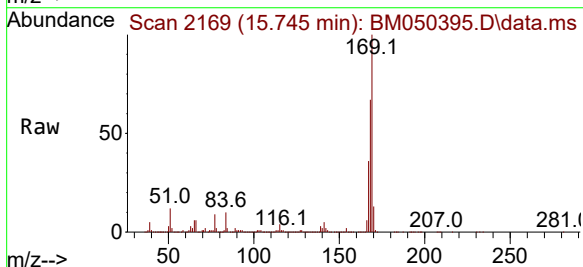
Instrument :
BNA_M
ClientSampleId :
TP-49MS

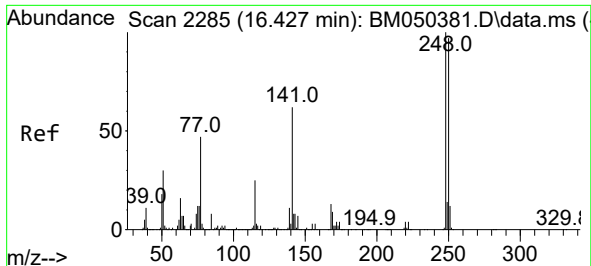
Tgt Ion:198 Resp: 672374
Ion Ratio Lower Upper
198 100
51 44.1 26.6 66.6
105 39.4 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 45.646 ng
RT: 15.745 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:169 Resp: 4328727
Ion Ratio Lower Upper
169 100
168 66.6 53.2 79.8
167 36.3 28.7 43.1

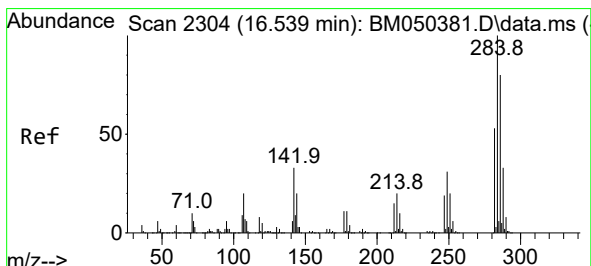
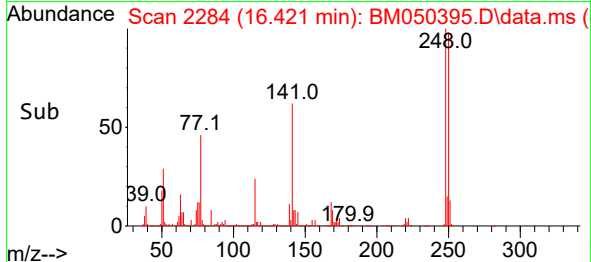
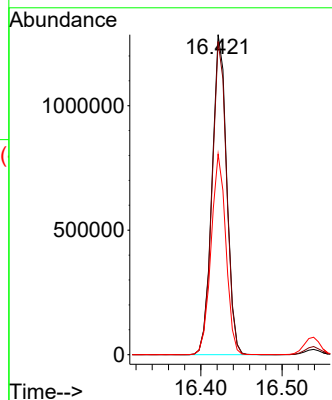
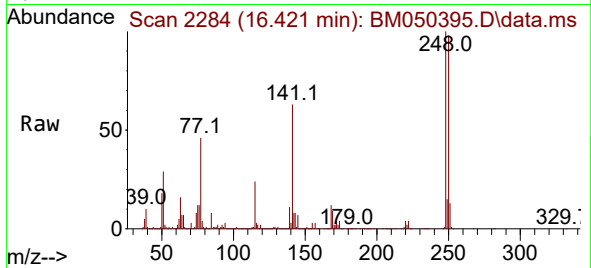




#67
4-Bromophenyl-phenylether
Concen: 48.266 ng
RT: 16.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

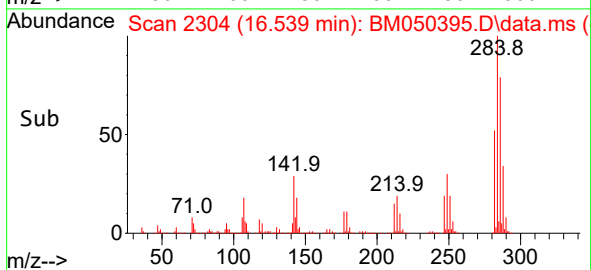
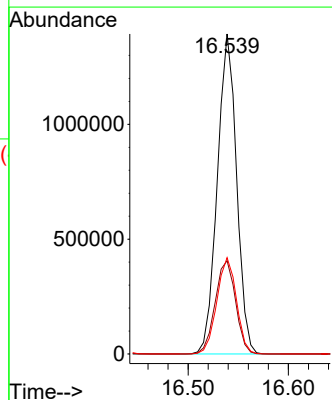
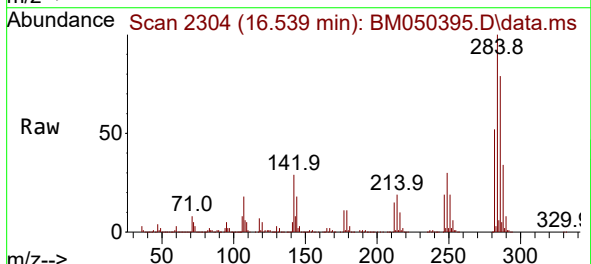
Instrument :
BNA_M
ClientSampleId :
TP-49MS

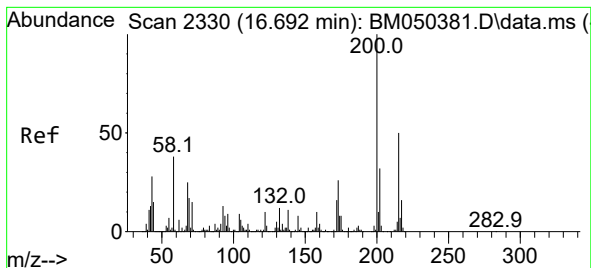
Tgt Ion:248 Resp: 1611633
Ion Ratio Lower Upper
248 100
250 97.8 77.9 116.9
141 62.7 49.7 74.5



#68
Hexachlorobenzene
Concen: 47.005 ng
RT: 16.539 min Scan# 2304
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:284 Resp: 1853729
Ion Ratio Lower Upper
284 100
142 29.2 26.8 40.2
249 30.1 24.5 36.7





#69

Atrazine

Concen: 50.578 ng

RT: 16.692 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

Instrument :

BNA_M

ClientSampleId :

TP-49MS

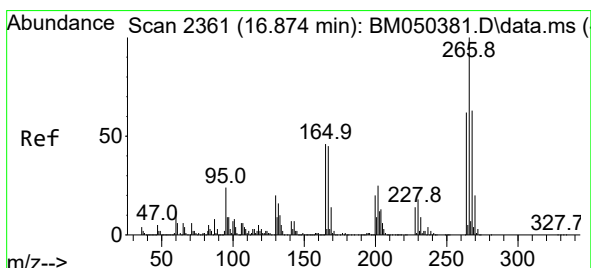
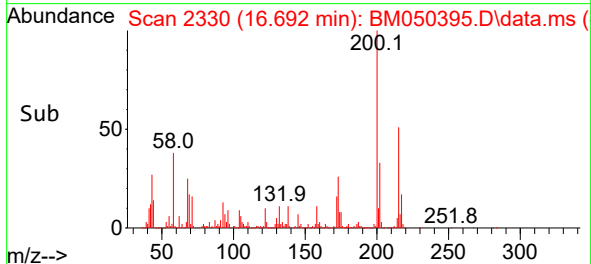
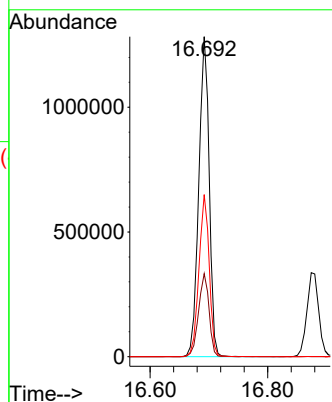
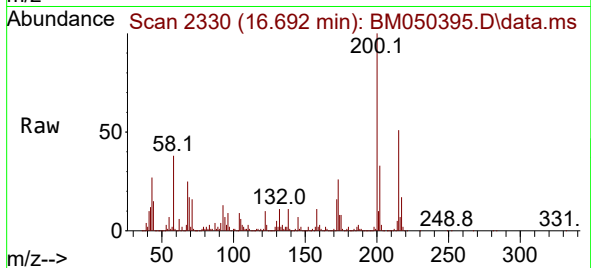
Tgt Ion:200 Resp: 1575006

Ion Ratio Lower Upper

200 100

173 25.9 5.6 45.6

215 50.7 29.6 69.6



#70

Pentachlorophenol

Concen: 103.115 ng

RT: 16.880 min Scan# 2362

Delta R.T. 0.006 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

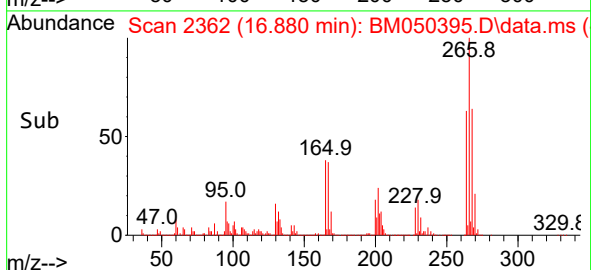
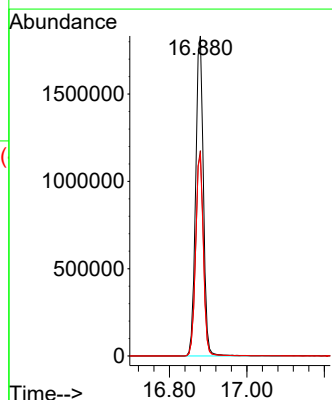
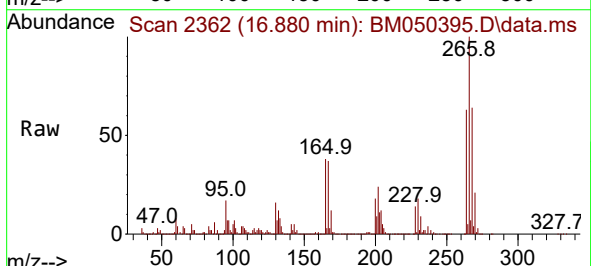
Tgt Ion:266 Resp: 2531445

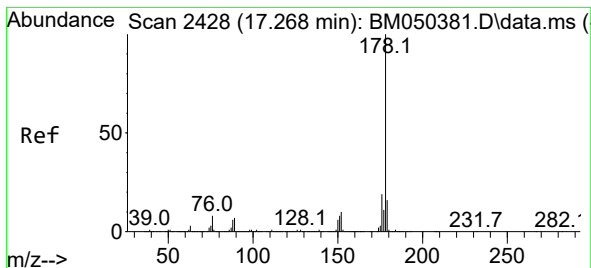
Ion Ratio Lower Upper

266 100

268 64.1 50.5 75.7

264 62.8 49.9 74.9





#71

Phenanthrene

Concen: 46.030 ng

RT: 17.268 min Scan# 2428

Delta R.T. 0.000 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

Instrument :

BNA_M

ClientSampleId :

TP-49MS

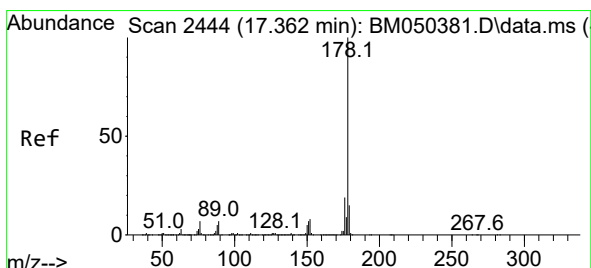
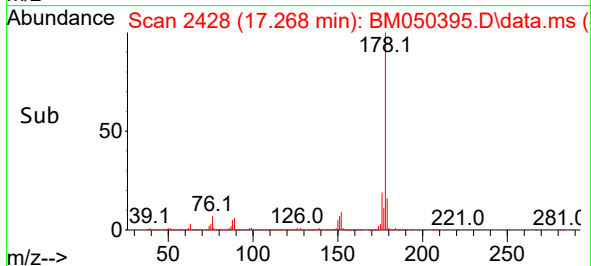
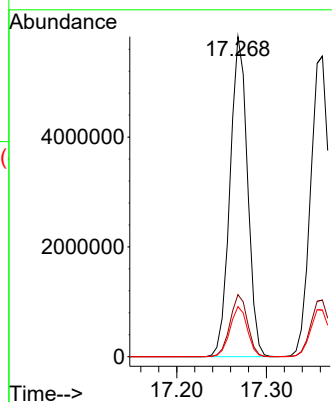
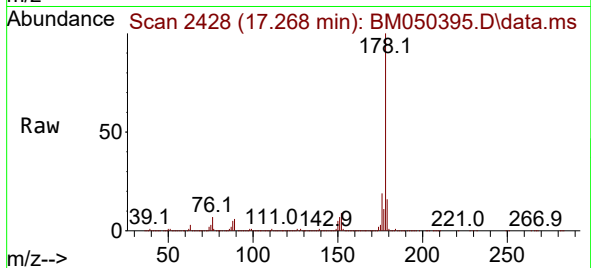
Tgt Ion:178 Resp: 7893716

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.7 12.5 18.7



#72

Anthracene

Concen: 46.702 ng

RT: 17.362 min Scan# 2444

Delta R.T. 0.000 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

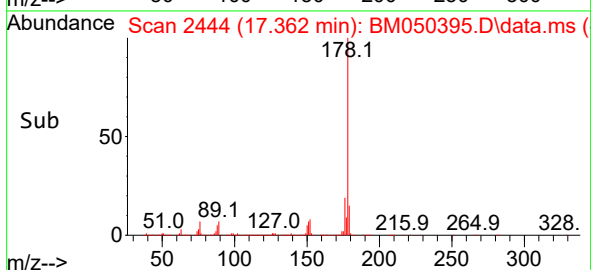
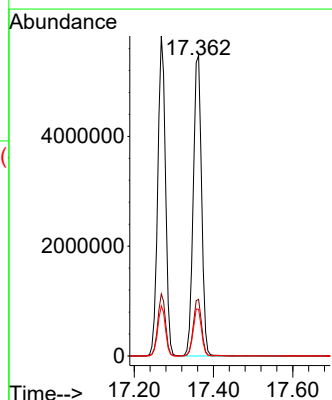
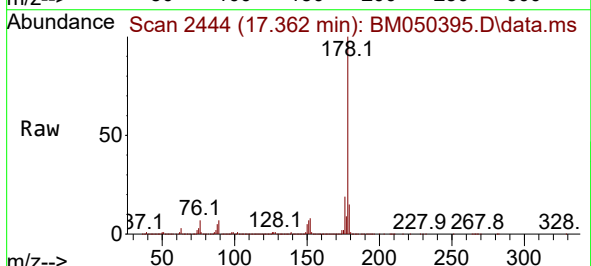
Tgt Ion:178 Resp: 7972053

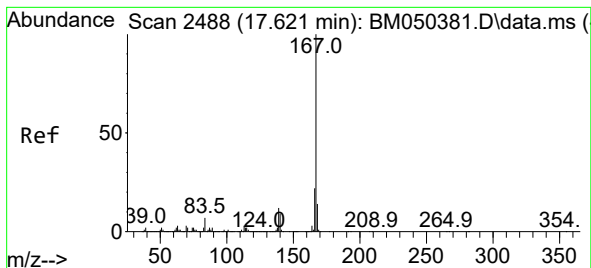
Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.5 12.2 18.4





#73

Carbazole

Concen: 46.399 ng

RT: 17.621 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

Instrument :

BNA_M

ClientSampleId :

TP-49MS

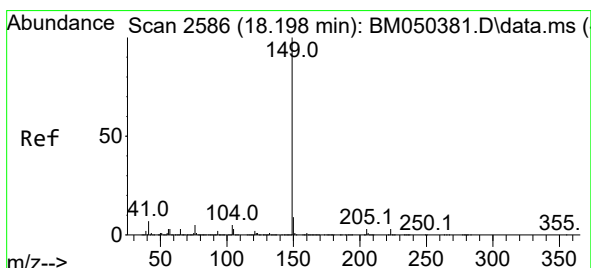
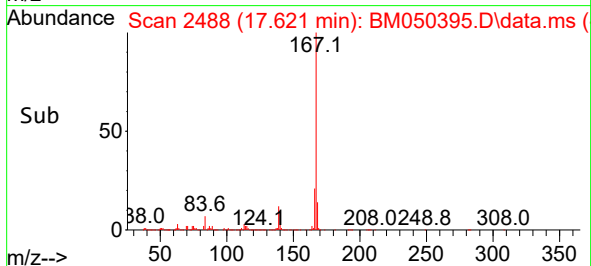
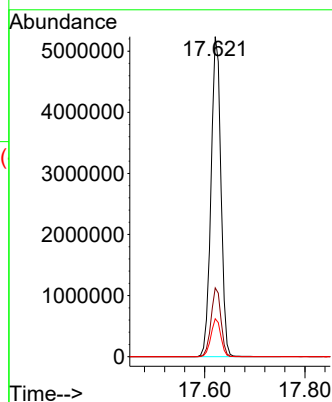
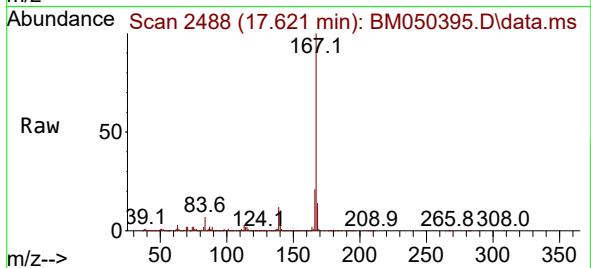
Tgt Ion:167 Resp: 7166463

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 11.9 9.9 14.9



#74

Di-n-butylphthalate

Concen: 51.010 ng

RT: 18.198 min Scan# 2586

Delta R.T. -0.000 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

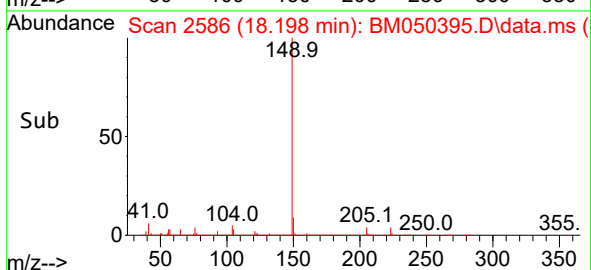
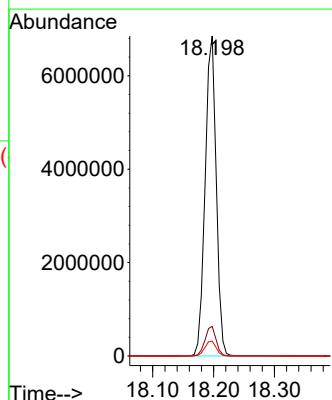
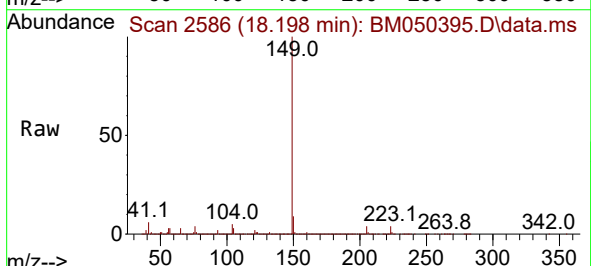
Tgt Ion:149 Resp: 8623521

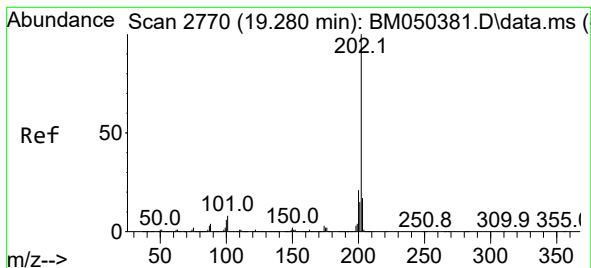
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.6 3.9 5.9





#75

Fluoranthene

Concen: 54.240 ng

RT: 19.274 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

Instrument :

BNA_M

ClientSampleId :

TP-49MS

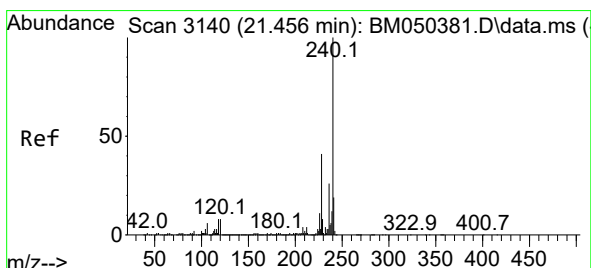
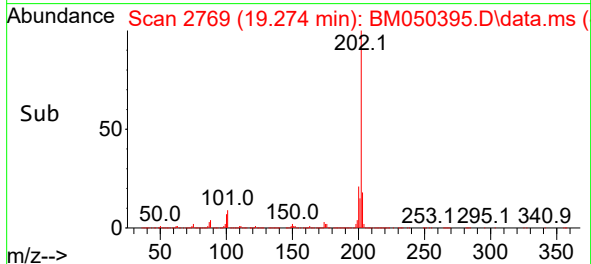
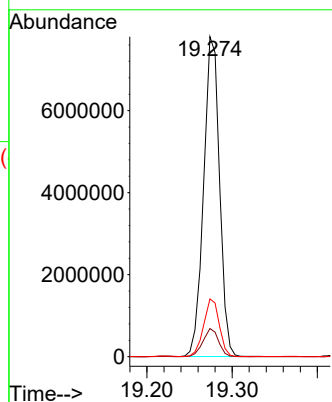
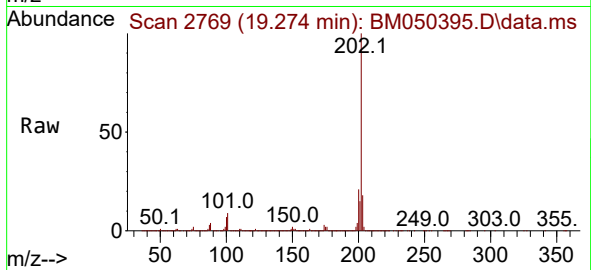
Tgt Ion:202 Resp:10111811

Ion Ratio Lower Upper

202 100

101 8.8 0.0 28.3

203 18.0 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.456 min Scan# 3140

Delta R.T. 0.000 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

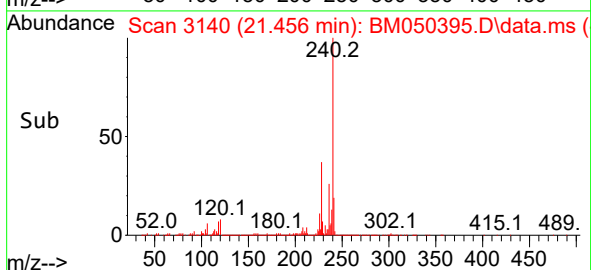
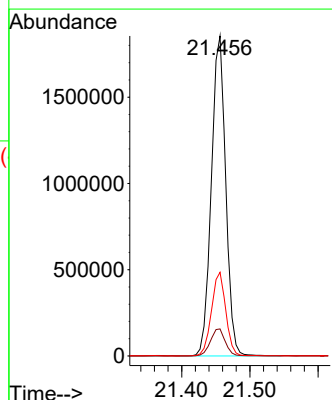
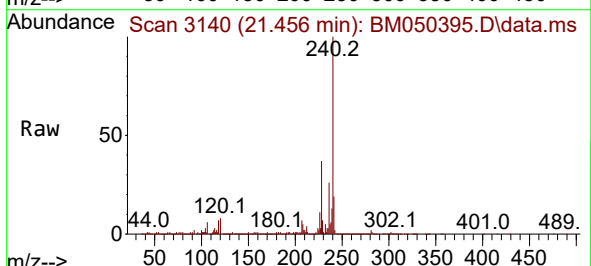
Tgt Ion:240 Resp: 2721657

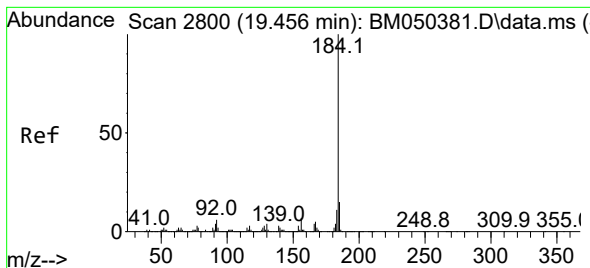
Ion Ratio Lower Upper

240 100

120 8.5 6.7 10.1

236 26.2 20.7 31.1





#77

Benzidine

Concen: 73.896 ng

RT: 19.456 min Scan# 2800

Delta R.T. -0.000 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

Instrument :

BNA_M

ClientSampleId :

TP-49MS

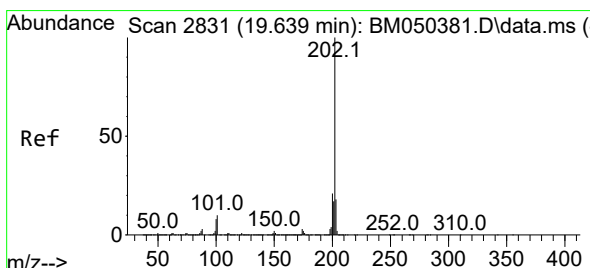
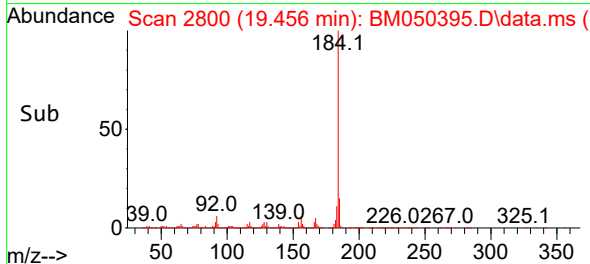
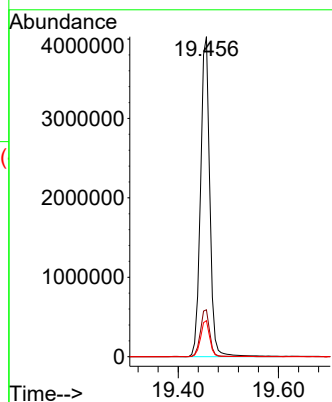
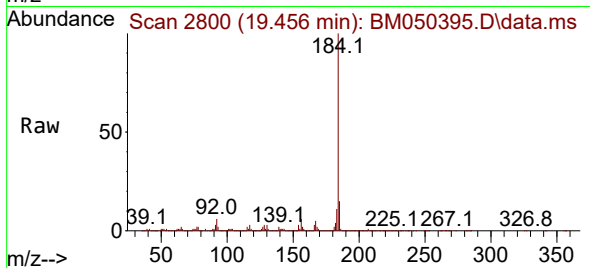
Tgt Ion:184 Resp: 5129845

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 11.3 9.0 13.6



#78

Pyrene

Concen: 59.196 ng

RT: 19.639 min Scan# 2831

Delta R.T. 0.000 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

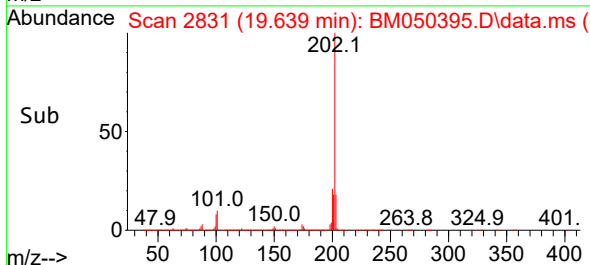
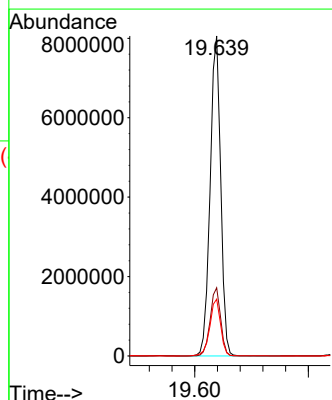
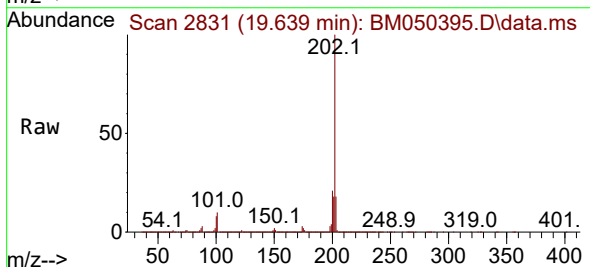
Tgt Ion:202 Resp:10318458

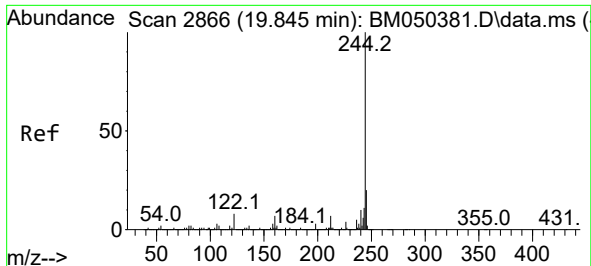
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.8 14.1 21.1

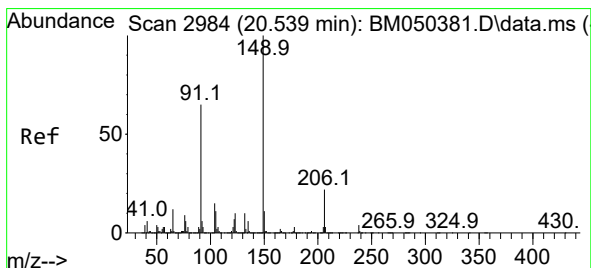
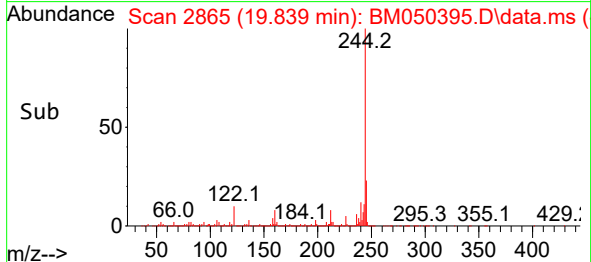
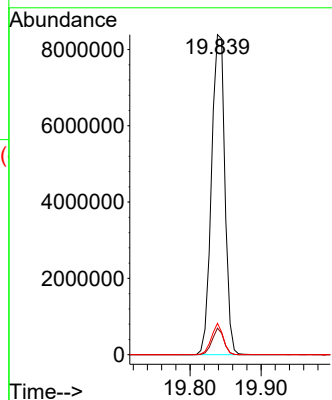
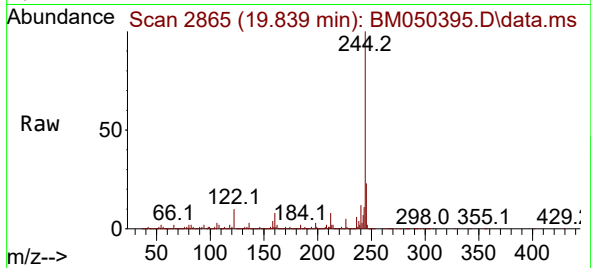




#79
 Terphenyl-d14
 Concen: 70.952 ng
 RT: 19.839 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050395.D
 Acq: 10 Jul 2025 18:38

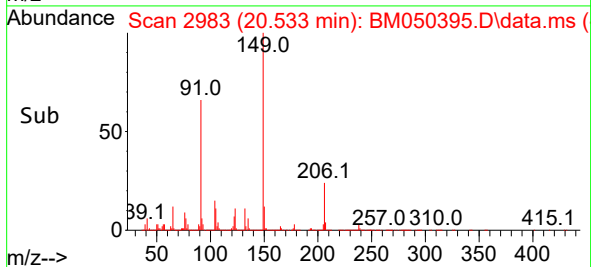
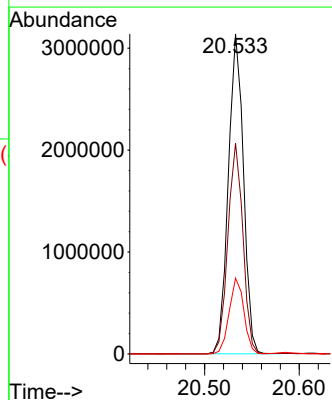
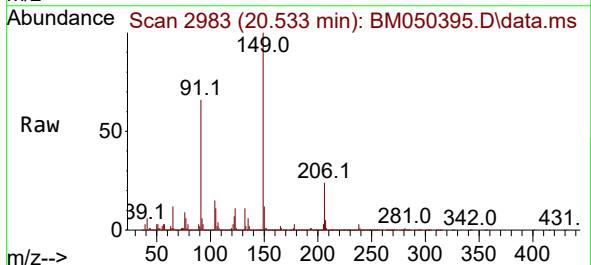
Instrument :
 BNA_M
 ClientSampleId :
 TP-49MS

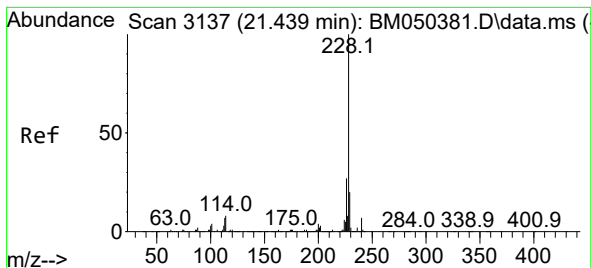
Tgt Ion:244 Resp:10975426
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.7 8.5
 122 9.8 6.2 9.2#



#80
 Butylbenzylphthalate
 Concen: 60.807 ng
 RT: 20.533 min Scan# 2983
 Delta R.T. -0.006 min
 Lab File: BM050395.D
 Acq: 10 Jul 2025 18:38

Tgt Ion:149 Resp: 3494907
 Ion Ratio Lower Upper
 149 100
 91 65.8 51.6 77.4
 206 23.7 17.8 26.8





#81

Benzo(a)anthracene

Concen: 50.112 ng

RT: 21.439 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

Instrument :

BNA_M

ClientSampleId :

TP-49MS

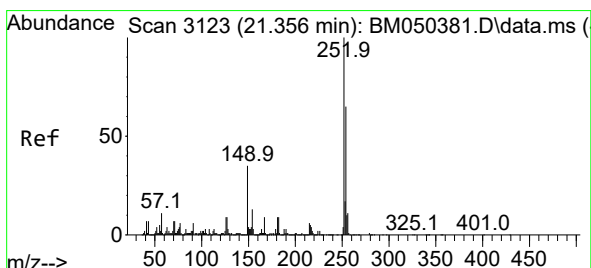
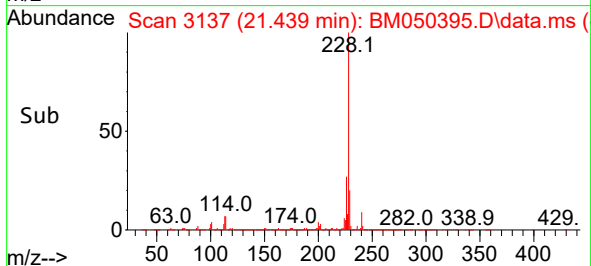
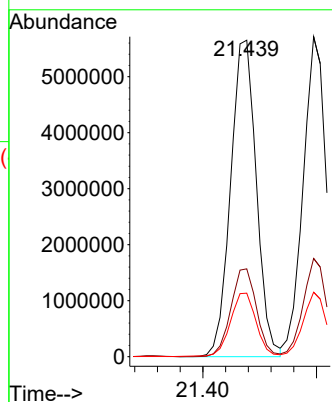
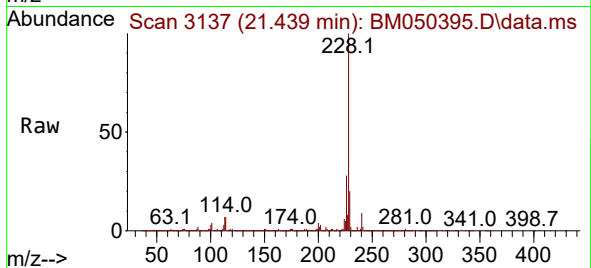
Tgt Ion:228 Resp: 8886526

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.8

229 20.1 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 22.783 ng

RT: 21.356 min Scan# 3123

Delta R.T. -0.000 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

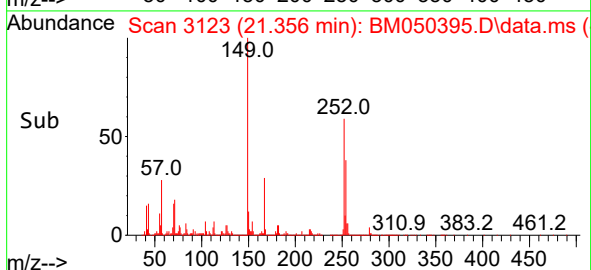
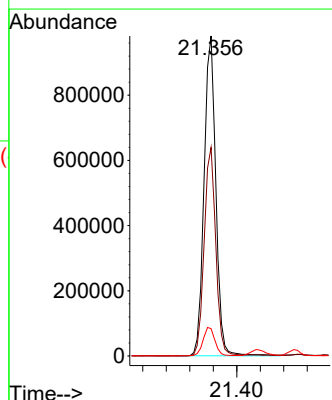
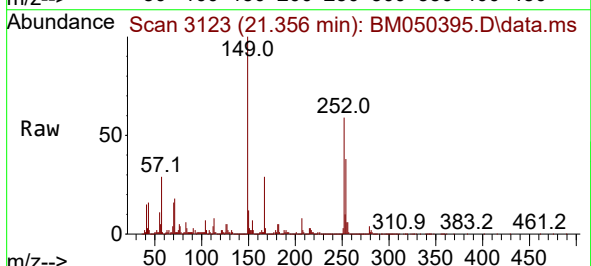
Tgt Ion:252 Resp: 1362474

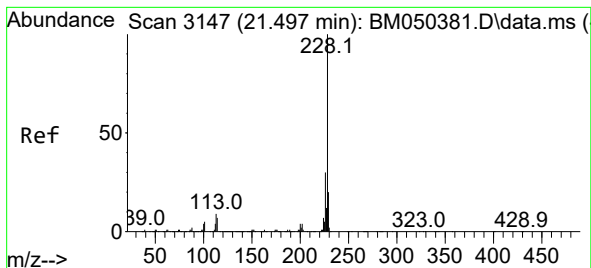
Ion Ratio Lower Upper

252 100

254 65.2 51.7 77.5

126 8.5 7.3 10.9





#83

Chrysene

Concen: 48.347 ng

RT: 21.497 min Scan# 3147

Delta R.T. -0.000 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

Instrument :

BNA_M

ClientSampleId :

TP-49MS

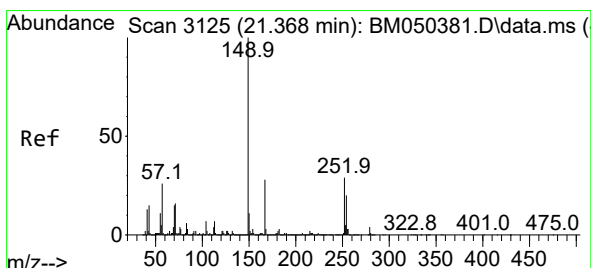
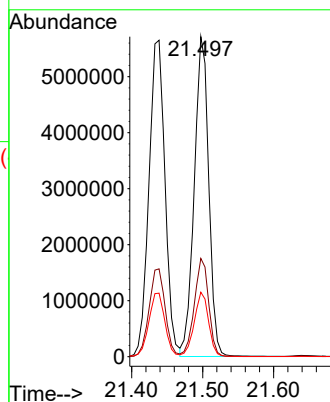
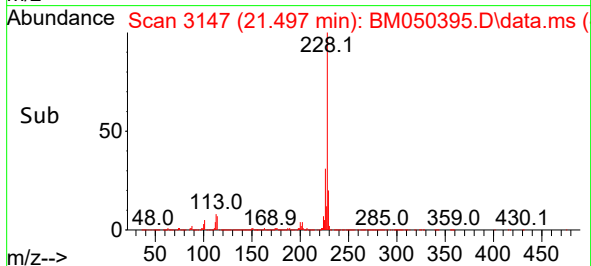
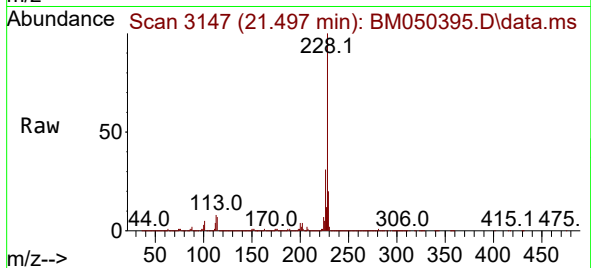
Tgt Ion:228 Resp: 8086730

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.4

229 20.2 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.983 ng

RT: 21.368 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

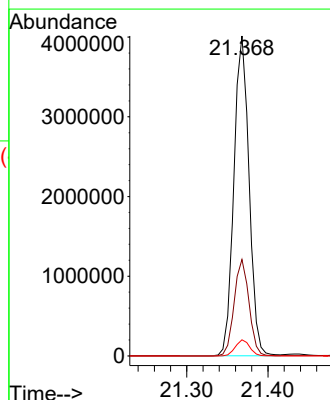
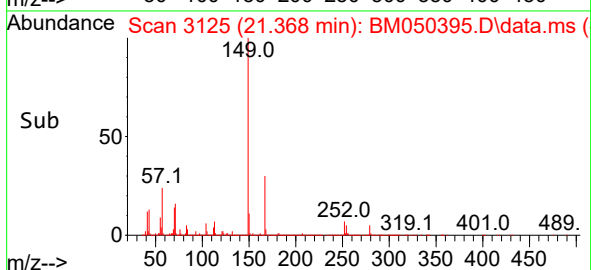
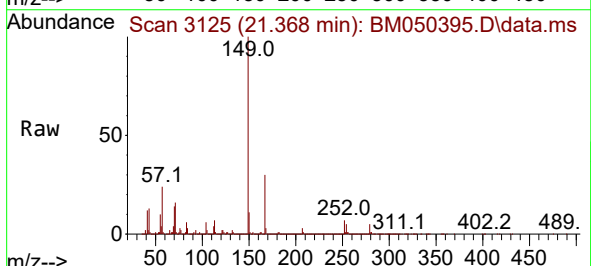
Tgt Ion:149 Resp: 5199116

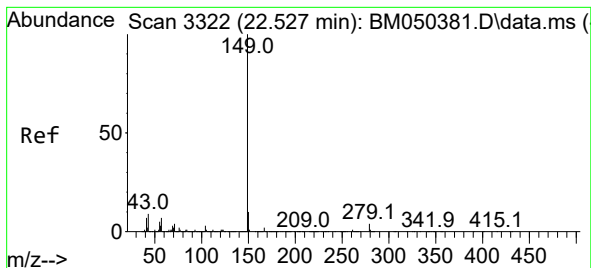
Ion Ratio Lower Upper

149 100

167 30.2 22.7 34.1

279 5.0 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 53.903 ng

RT: 22.521 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

Instrument :

BNA_M

ClientSampleId :

TP-49MS

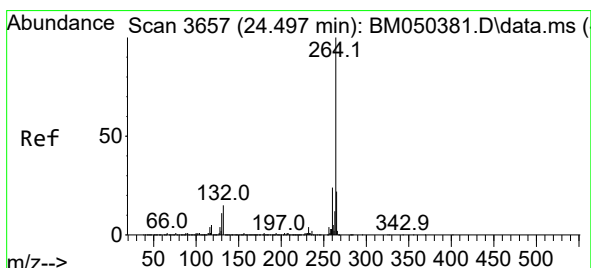
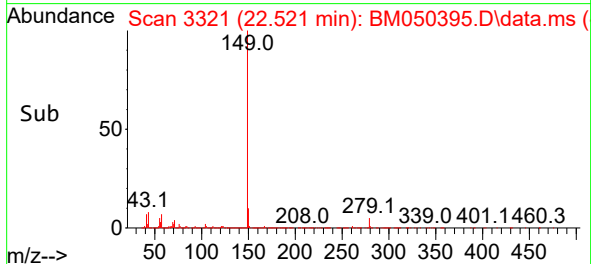
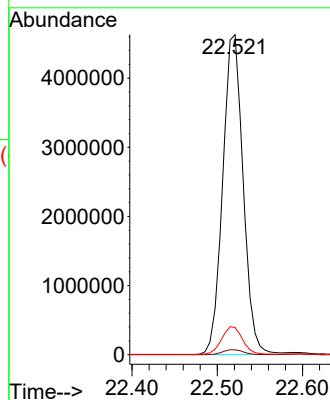
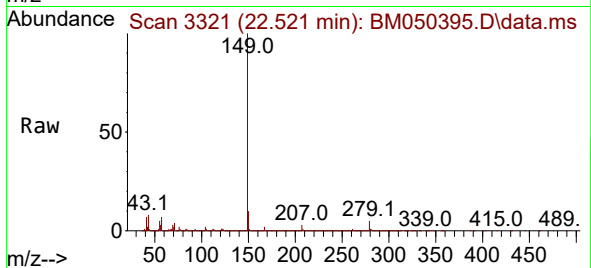
Tgt Ion:149 Resp: 7702876

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.9 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.491 min Scan# 3656

Delta R.T. -0.006 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

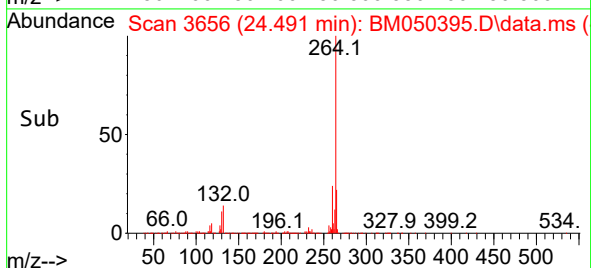
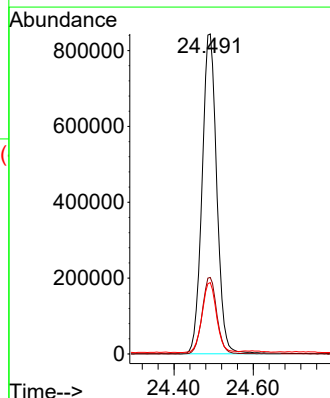
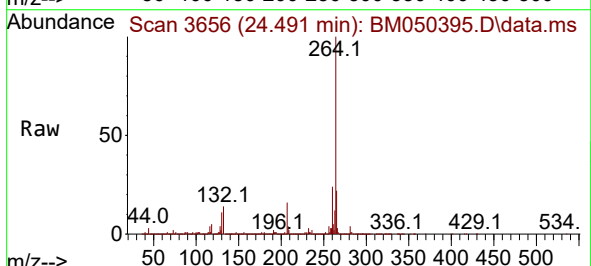
Tgt Ion:264 Resp: 2168246

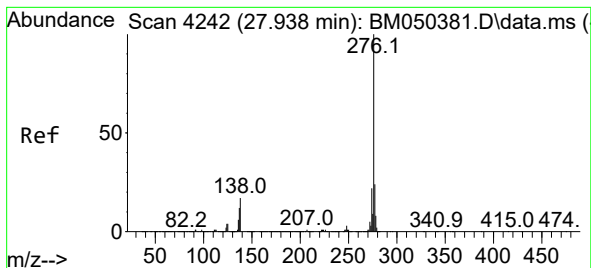
Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.3 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.132 ng

RT: 27.932 min Scan# 4241

Delta R.T. -0.006 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

Instrument :

BNA_M

ClientSampleId :

TP-49MS

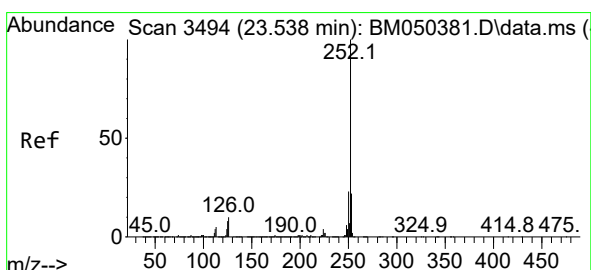
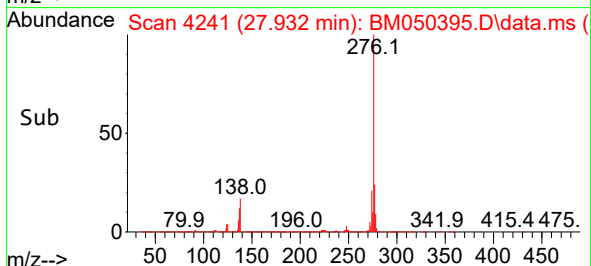
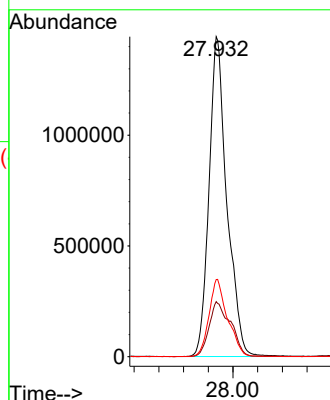
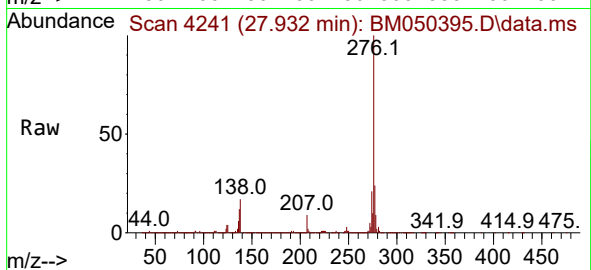
Tgt Ion:276 Resp: 7265894

Ion Ratio Lower Upper

276 100

138 20.6 17.0 25.6

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 53.918 ng

RT: 23.538 min Scan# 3494

Delta R.T. 0.000 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

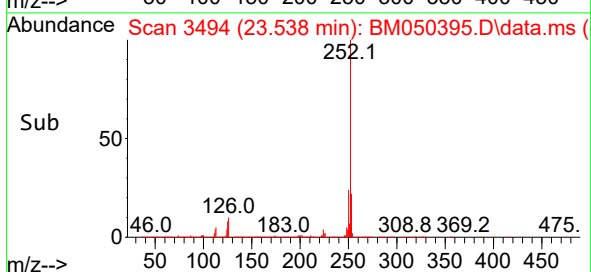
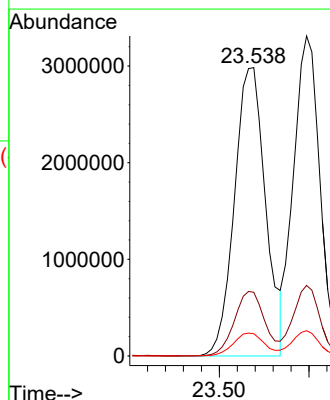
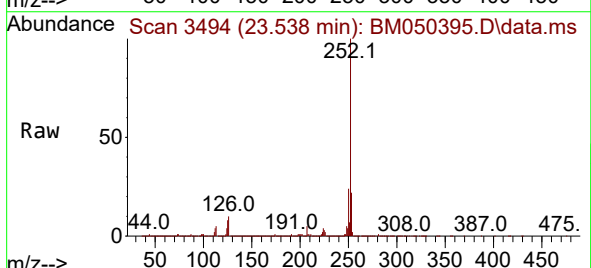
Tgt Ion:252 Resp: 7190910

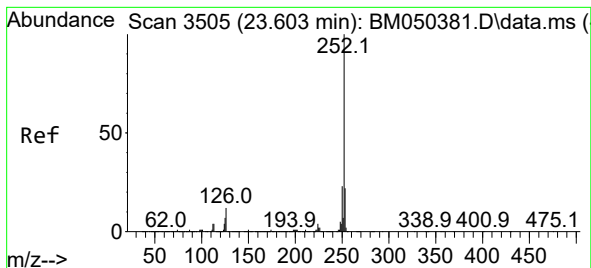
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 7.7 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 48.824 ng

RT: 23.597 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

Instrument :

BNA_M

ClientSampleId :

TP-49MS

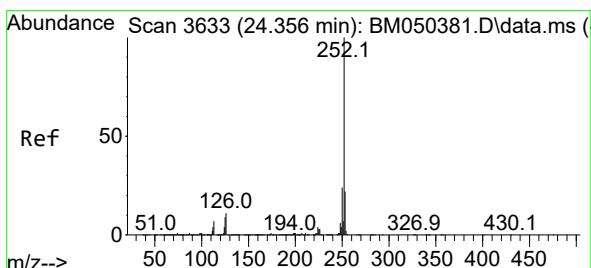
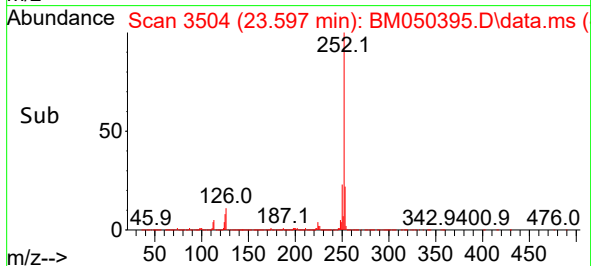
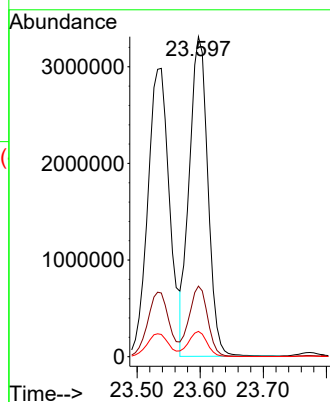
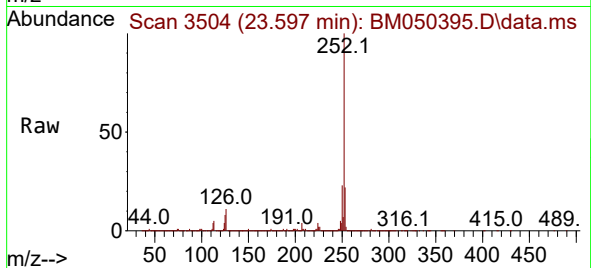
Tgt Ion:252 Resp: 6756670

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 7.9 6.2 9.2



#90

Benzo(a)pyrene

Concen: 51.703 ng

RT: 24.350 min Scan# 3632

Delta R.T. -0.006 min

Lab File: BM050395.D

Acq: 10 Jul 2025 18:38

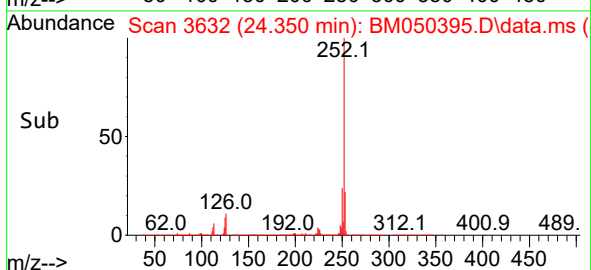
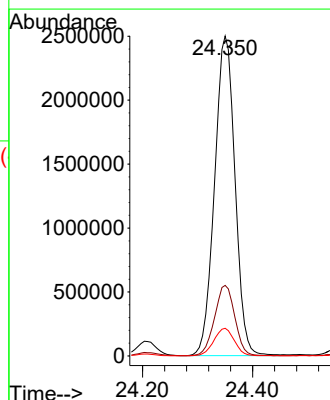
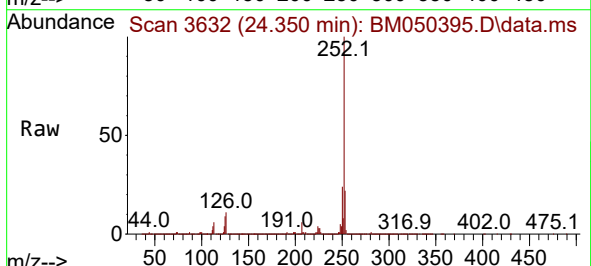
Tgt Ion:252 Resp: 6454923

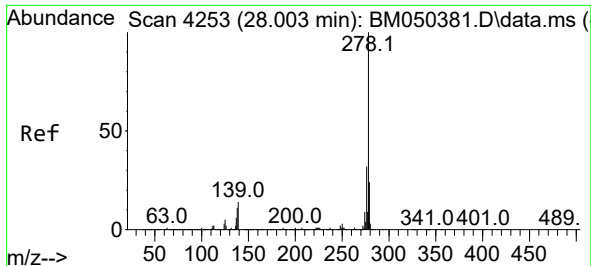
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 8.6 7.0 10.4

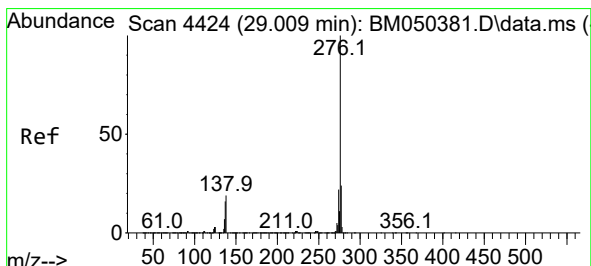
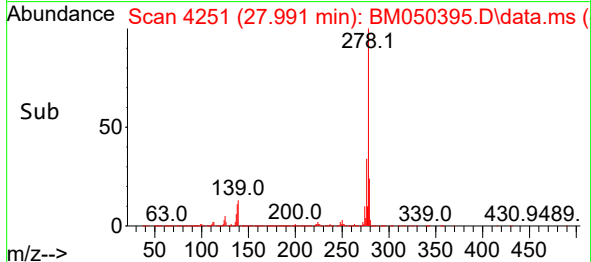
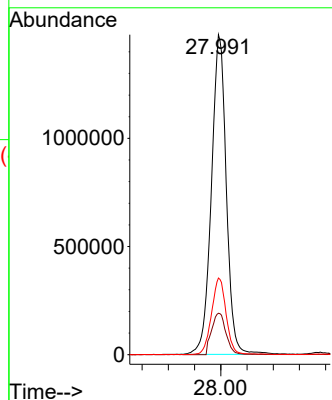
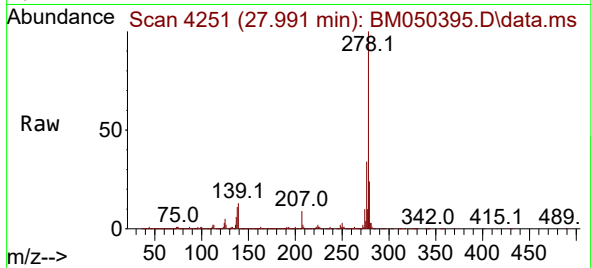




#91
Dibenzo(a,h)anthracene
Concen: 45.023 ng
RT: 27.991 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:278 Resp: 5845382
Ion Ratio Lower Upper
278 100
139 13.0 10.8 16.2
279 23.9 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 47.035 ng
RT: 29.009 min Scan# 4424
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:276 Resp: 5771405
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 17.9 14.9 22.3

