

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
 Data File : BM050435.D
 Acq On : 14 Jul 2025 20:55
 Operator : RC/JU
 Sample : PB168816BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168816BSD

Quant Time: Jul 15 02:04:00 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	370039	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1375892	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	841303	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1550470	20.000	ng	-0.01
76) Chrysene-d12	21.439	240	1658930	20.000	ng	-0.02
86) Perylene-d12	24.468	264	1714878	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3272881	152.245	ng	0.00
7) Phenol-d6	7.022	99	4077545	150.464	ng	0.00
23) Nitrobenzene-d5	9.016	82	2465526	91.422	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	1651806	161.595	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	6120850	89.847	ng	0.00
79) Terphenyl-d14	19.833	244	9303616	98.674	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	371940	42.076	ng	99
3) Pyridine	3.734	79	1049913	45.240	ng	99
4) n-Nitrosodimethylamine	3.640	42	558103	51.584	ng	99
6) Aniline	7.187	93	1317351	37.879	ng	100
8) 2-Chlorophenol	7.428	128	1245733	54.955	ng	98
9) Benzaldehyde	6.998	77	776775	48.185	ng	98
10) Phenol	7.051	94	1544097	54.629	ng	99
11) bis(2-Chloroethyl)ether	7.281	93	1174983	51.907	ng	99
12) 1,3-Dichlorobenzene	7.751	146	1394546	50.594	ng	99
13) 1,4-Dichlorobenzene	7.898	146	1424934	50.629	ng	99
14) 1,2-Dichlorobenzene	8.216	146	1370789	50.873	ng	99
15) Benzyl Alcohol	8.098	79	1009271	52.857	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.387	45	1672207	50.152	ng	99
17) 2-Methylphenol	8.298	107	994877	54.269	ng	99
18) Hexachloroethane	8.945	117	508501	51.372	ng	98
19) n-Nitroso-di-n-propyla...	8.669	70	856466	52.169	ng	96
20) 3+4-Methylphenols	8.628	107	1297033	52.703	ng	99
22) Acetophenone	8.681	105	1797720	52.258	ng	# 98
24) Nitrobenzene	9.057	77	1274156	52.945	ng	99
25) Isophorone	9.587	82	2269519	51.861	ng	99
26) 2-Nitrophenol	9.769	139	582460	59.385	ng	99
27) 2,4-Dimethylphenol	9.828	122	1111698	53.265	ng	98
28) bis(2-Chloroethoxy)met...	10.063	93	1504710	51.891	ng	100
29) 2,4-Dichlorophenol	10.304	162	1169495	54.542	ng	98
30) 1,2,4-Trichlorobenzene	10.522	180	1342620	52.343	ng	100
31) Naphthalene	10.710	128	3586358	51.318	ng	100
32) Benzoic acid	9.951	122	680857	52.507	ng	99
33) 4-Chloroaniline	10.804	127	600270	20.317	ng	100
34) Hexachlorobutadiene	11.004	225	812433	51.894	ng	99
35) Caprolactam	11.586	113	305069	52.119	ng	92
36) 4-Chloro-3-methylphenol	11.933	107	1083096	54.093	ng	98
37) 2-Methylnaphthalene	12.316	142	2321707	52.615	ng	99
38) 1-Methylnaphthalene	12.533	142	2415782	51.731	ng	99
40) 1,2,4,5-Tetrachloroben...	12.686	216	1515622	56.650	ng	99
41) Hexachlorocyclopentadiene	12.669	237	2030204	118.714	ng	100
43) 2,4,6-Trichlorophenol	12.922	196	937037	56.899	ng	98

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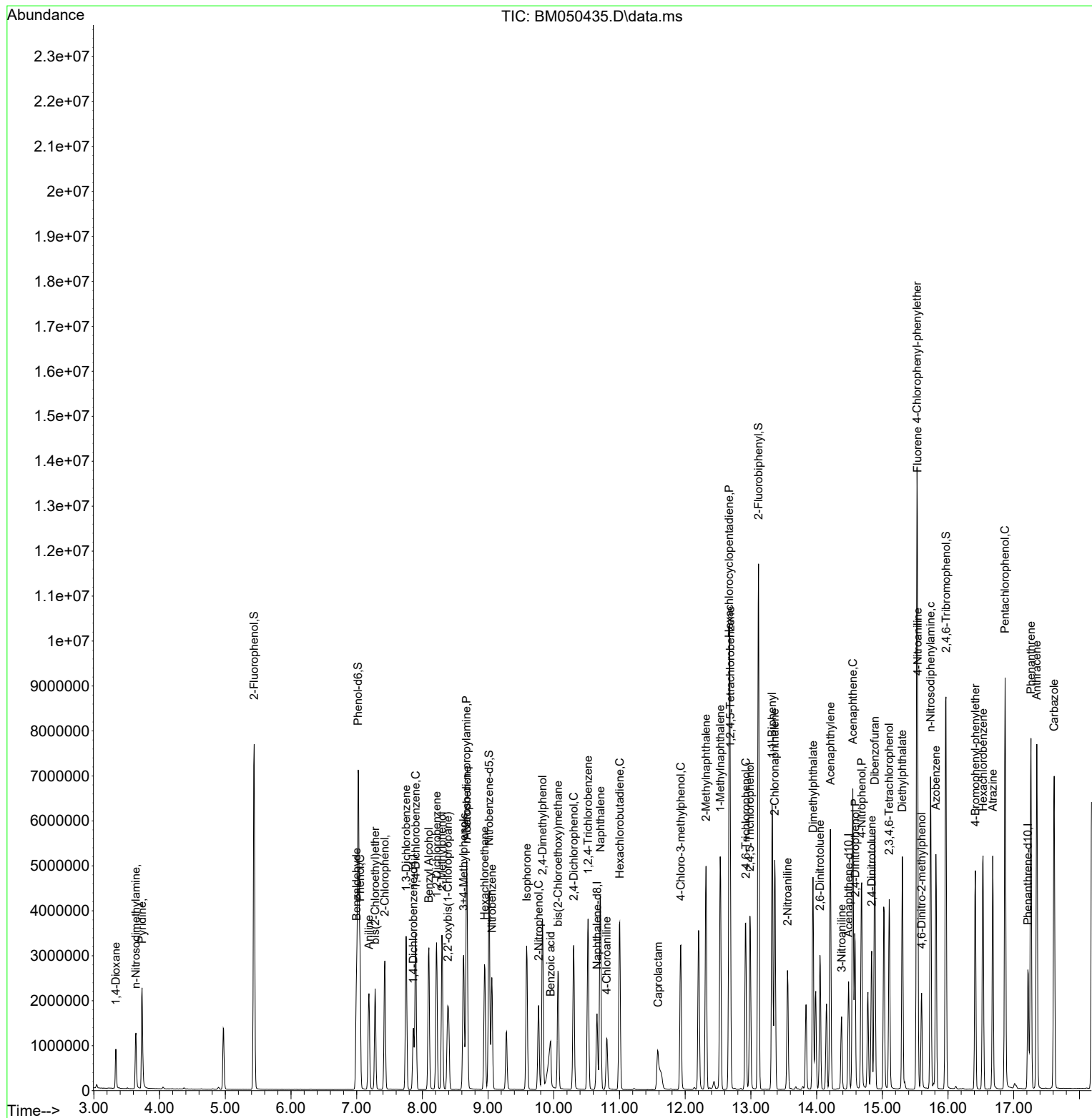
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	1023470	56.905	ng	99
46) 1,1'-Biphenyl	13.322	154	3337334	53.467	ng	99
47) 2-Chloronaphthalene	13.363	162	2647719	53.202	ng	99
48) 2-Nitroaniline	13.557	65	642584	57.846	ng	100
49) Acenaphthylene	14.210	152	4035185	53.650	ng	100
50) Dimethylphthalate	13.945	163	3037517	52.442	ng	100
51) 2,6-Dinitrotoluene	14.051	165	628654	56.528	ng	96
52) Acenaphthene	14.551	154	2440144	51.031	ng	99
53) 3-Nitroaniline	14.380	138	388715	32.866	ng	99
54) 2,4-Dinitrophenol	14.586	184	707416	112.451	ng	# 85
55) Dibenzofuran	14.886	168	3834970	52.051	ng	100
56) 4-Nitrophenol	14.686	139	1183901	116.400	ng	95
57) 2,4-Dinitrotoluene	14.839	165	887139	52.987	ng	99
58) Fluorene	15.533	166	3215169	52.981	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	854524	56.441	ng	99
60) Diethylphthalate	15.304	149	2907229	52.545	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	1679835	52.938	ng	98
62) 4-Nitroaniline	15.539	138	677557	49.732	ng	97
63) Azobenzene	15.816	77	2699381	53.132	ng	99
65) 4,6-Dinitro-2-methylph...	15.598	198	452187	53.419	ng	96
66) n-Nitrosodiphenylamine	15.733	169	2644917	54.516	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	950891	55.664	ng	99
68) Hexachlorobenzene	16.533	284	1110677	55.050	ng	96
69) Atrazine	16.680	200	906206	56.882	ng	99
70) Pentachlorophenol	16.868	266	1559824	124.193	ng	99
71) Phenanthrene	17.262	178	4665654	53.179	ng	100
72) Anthracene	17.351	178	4740823	54.286	ng	99
73) Carbazole	17.615	167	4327649	54.767	ng	99
74) Di-n-butylphthalate	18.186	149	4744543	54.857	ng	100
75) Fluoranthene	19.268	202	5249120	55.035	ng	99
77) Benzidine	19.445	184	2233181	52.777	ng	100
78) Pyrene	19.627	202	5560223	52.333	ng	100
80) Butylbenzylphthalate	20.521	149	2097151	59.863	ng	99
81) Benzo(a)anthracene	21.421	228	6001174	55.520	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	1334742	36.617	ng	99
83) Chrysene	21.486	228	5585343	54.784	ng	100
84) Bis(2-ethylhexyl)phtha...	21.350	149	3210717	57.733	ng	99
85) Di-n-octyl phthalate	22.497	149	5358933	61.524	ng	99
87) Indeno(1,2,3-cd)pyrene	27.903	276	7063224	57.930	ng	99
88) Benzo(b)fluoranthene	23.515	252	5924153	56.163	ng	99
89) Benzo(k)fluoranthene	23.580	252	6107434	55.801	ng	100
90) Benzo(a)pyrene	24.333	252	5708080	57.808	ng	99
91) Dibenzo(a,h)anthracene	27.962	278	5928579	57.737	ng	100
92) Benzo(g,h,i)perylene	28.968	276	5608837	57.795	ng	99

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

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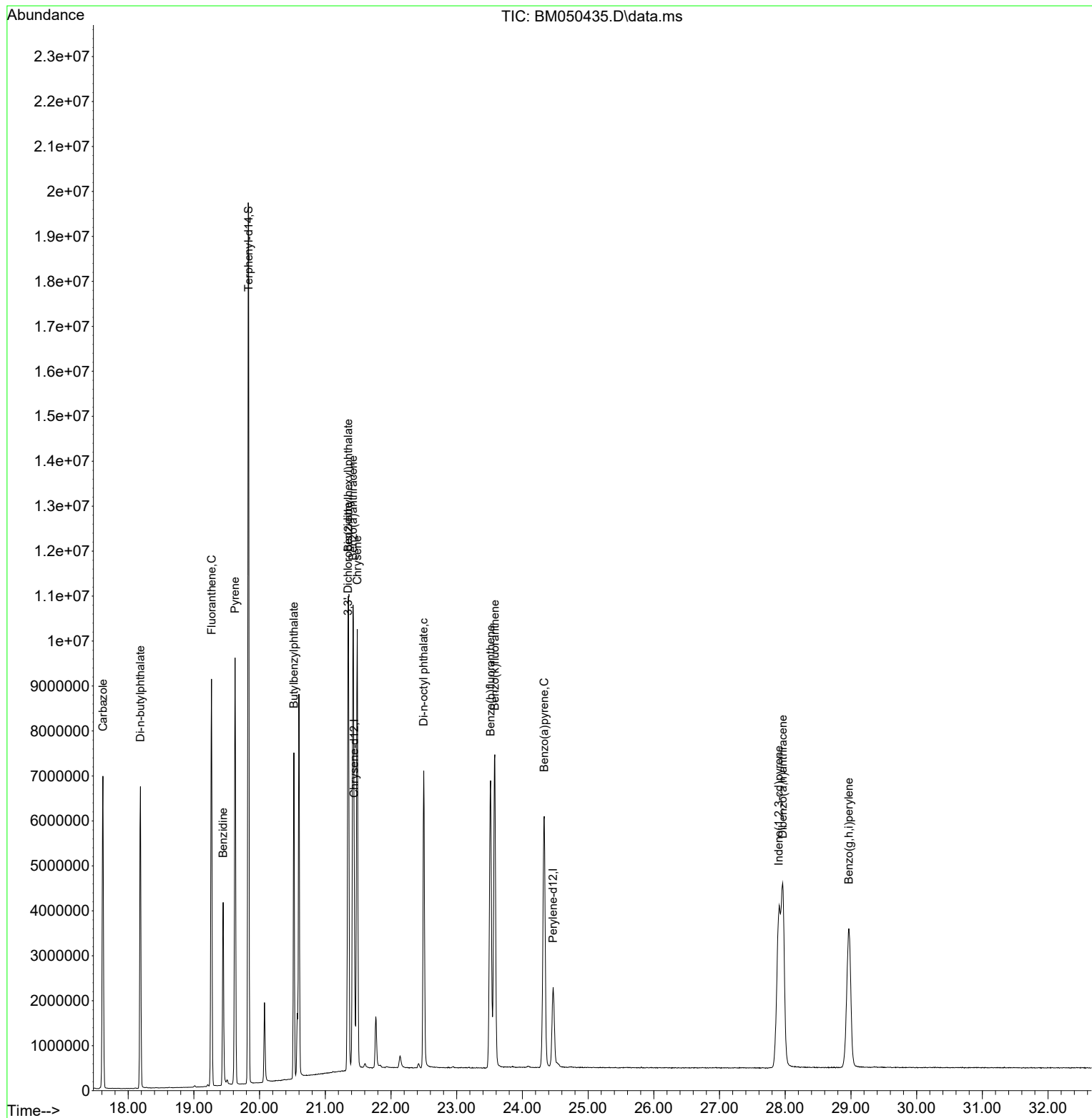
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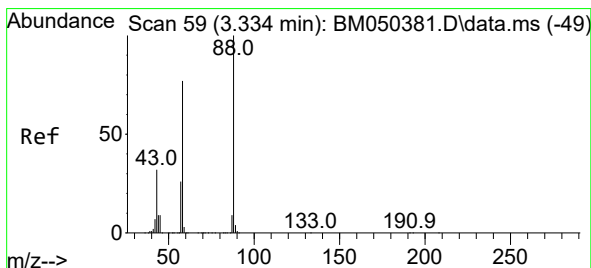
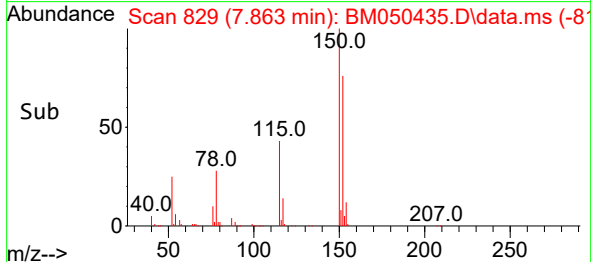
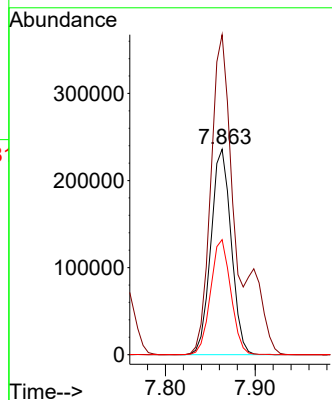
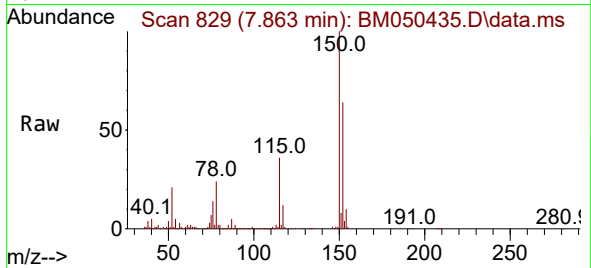




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 829
 Delta R.T. 0.000 min
 Lab File: BM050435.D
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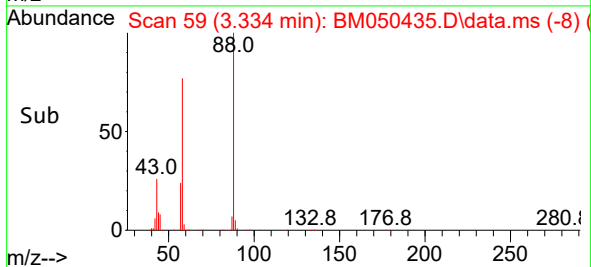
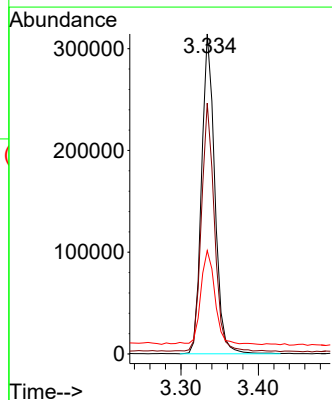
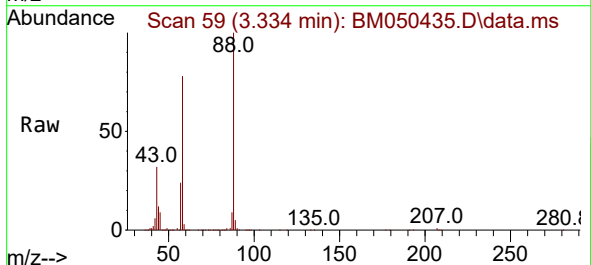
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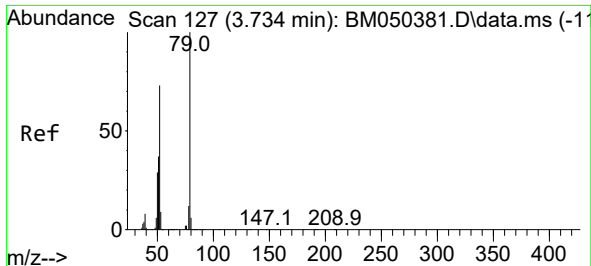
Tgt Ion:152 Resp: 370039
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.2 189.4
 115 56.0 45.8 68.8



#2
 1,4-Dioxane
 Concen: 42.076 ng
 RT: 3.334 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: BM050435.D
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Tgt Ion: 88 Resp: 371940
 Ion Ratio Lower Upper
 88 100
 58 75.6 61.0 91.6
 43 32.0 24.6 37.0

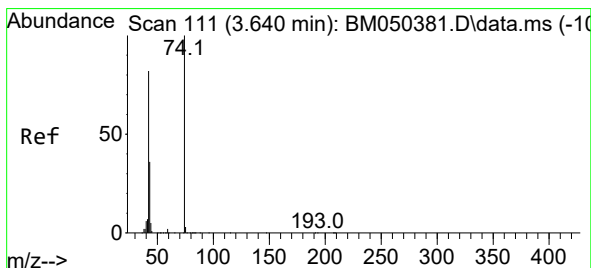
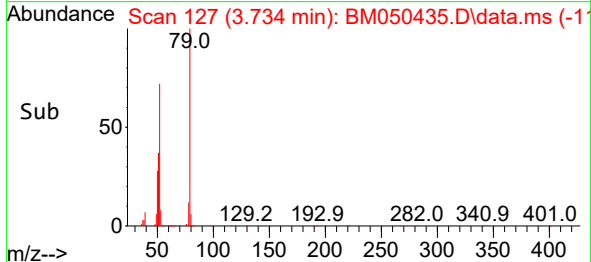
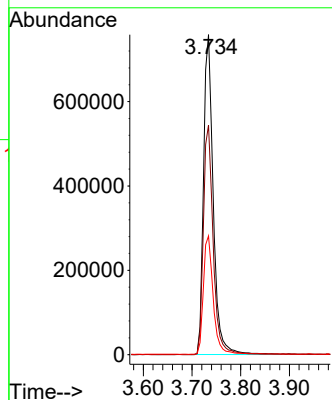
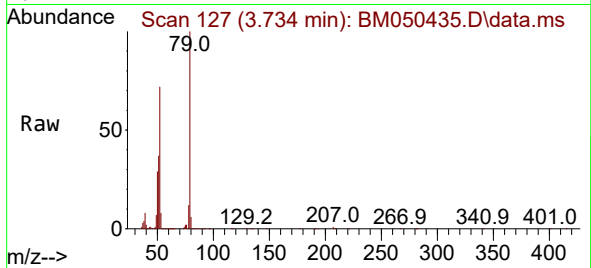




#3
Pyridine
Concen: 45.240 ng
RT: 3.734 min Scan# 127
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

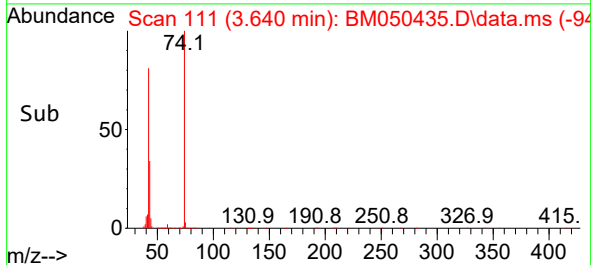
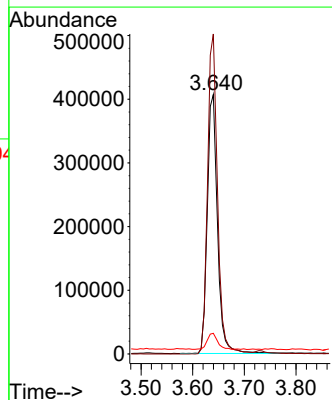
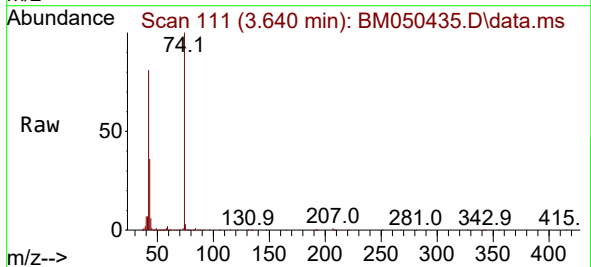
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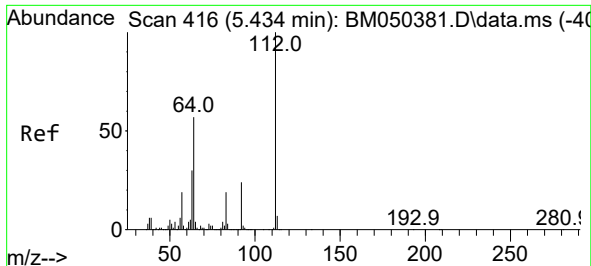
Tgt Ion: 79 Resp: 1049913
Ion Ratio Lower Upper
79 100
52 71.7 58.3 87.5
51 37.1 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 51.584 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion: 42 Resp: 558103
Ion Ratio Lower Upper
42 100
74 123.4 97.5 146.3
44 7.9 5.7 8.5

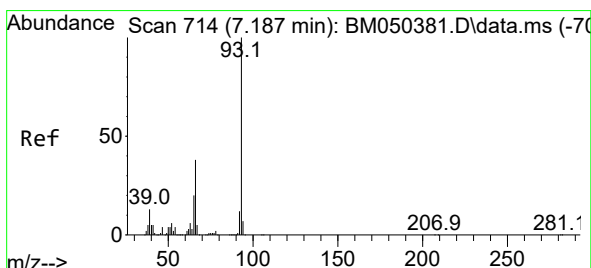
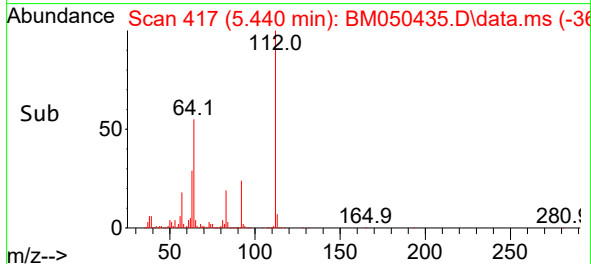
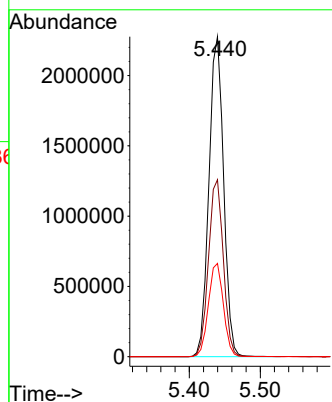
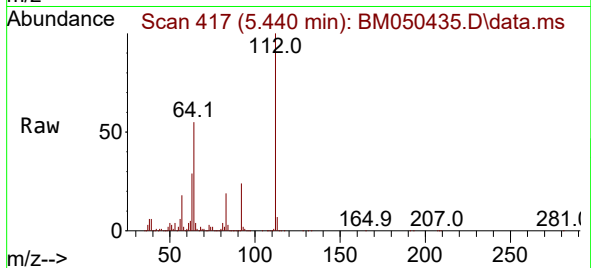




#5
2-Fluorophenol
Concen: 152.245 ng
RT: 5.440 min Scan# 416
Delta R.T. 0.006 min
Lab File: BM050435.D
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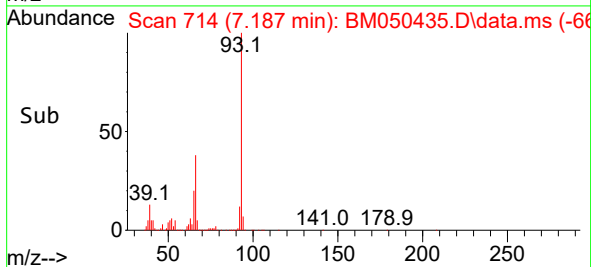
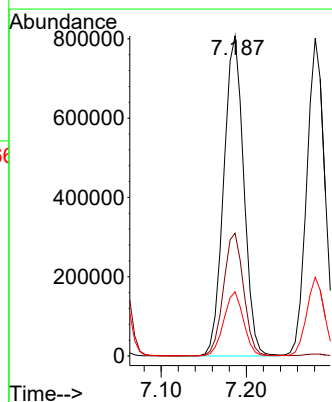
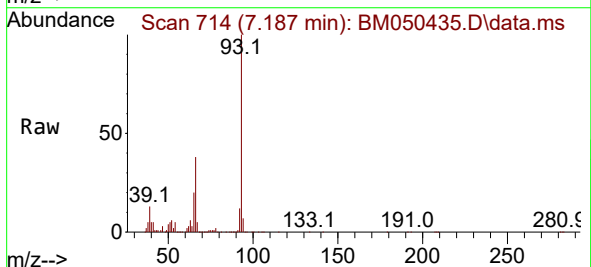
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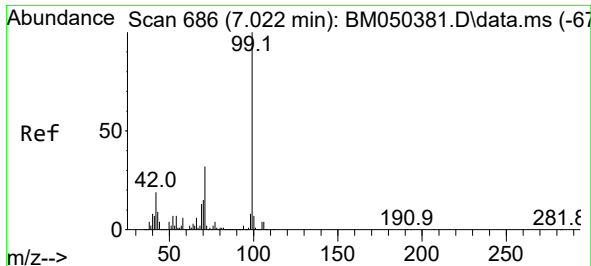
Tgt Ion:112 Resp: 3272881
Ion Ratio Lower Upper
112 100
64 55.3 45.5 68.3
63 29.1 24.2 36.4



#6
Aniline
Concen: 37.879 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion: 93 Resp: 1317351
Ion Ratio Lower Upper
93 100
66 38.4 30.5 45.7
65 20.0 15.9 23.9

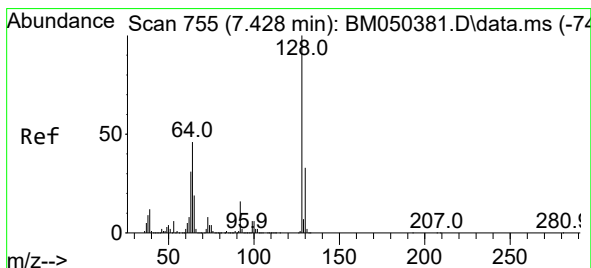
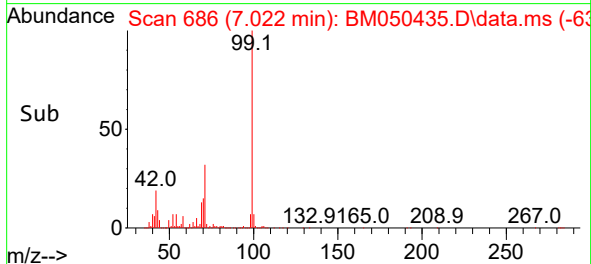
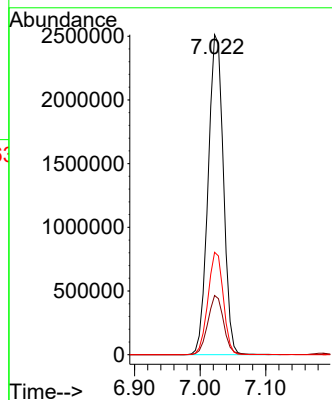
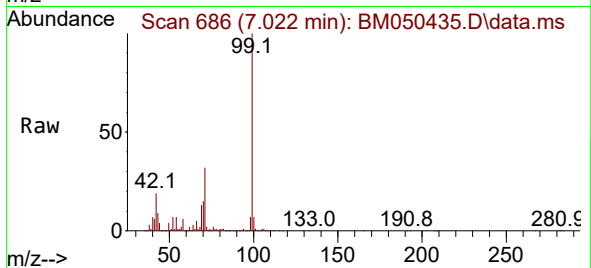




#7
Phenol-d6
Concen: 150.464 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
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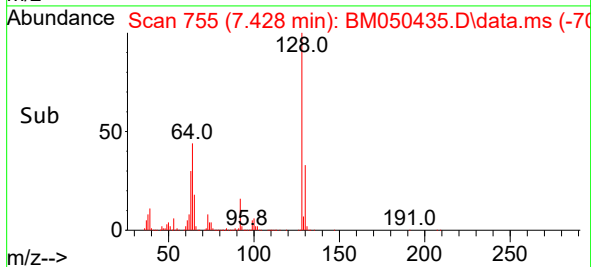
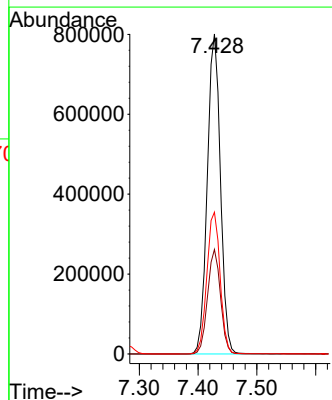
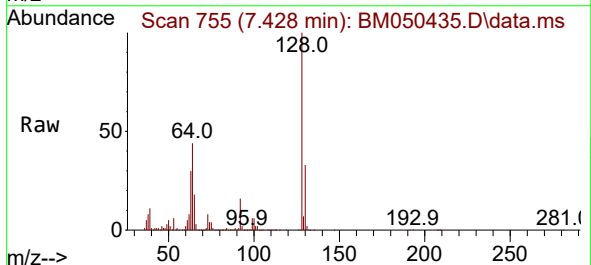
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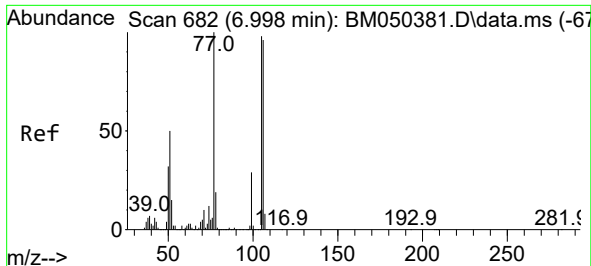
Tgt Ion: 99 Resp: 4077545
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.6
71 32.0 25.9 38.9



#8
2-Chlorophenol
Concen: 54.955 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion: 128 Resp: 1245733
Ion Ratio Lower Upper
128 100
130 32.6 13.3 53.3
64 44.3 25.6 65.6

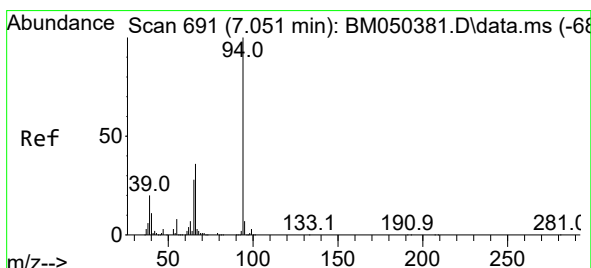
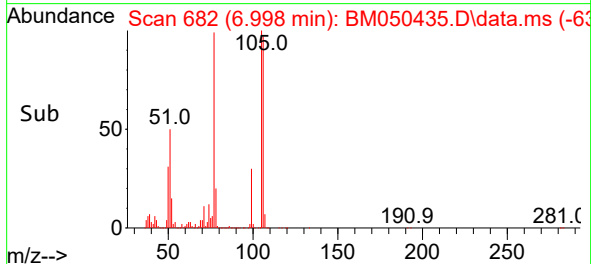
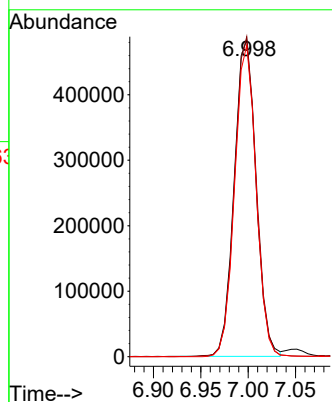
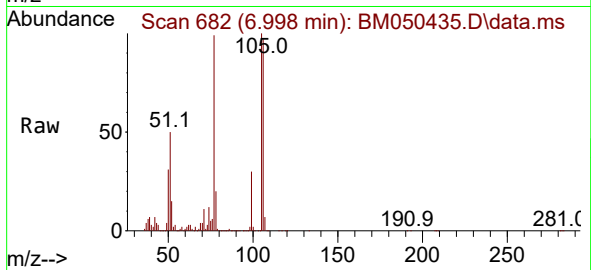




#9
Benzaldehyde
Concen: 48.185 ng
RT: 6.998 min Scan# 682
Delta R.T. 0.000 min
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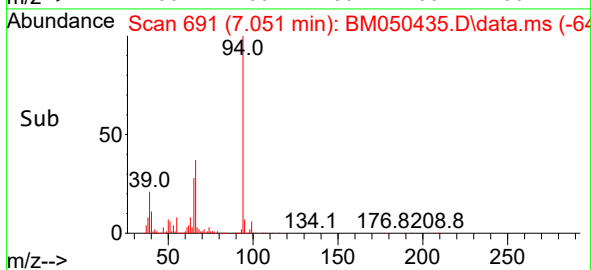
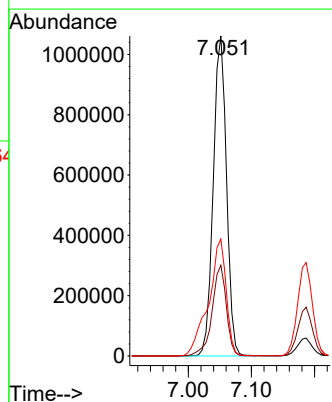
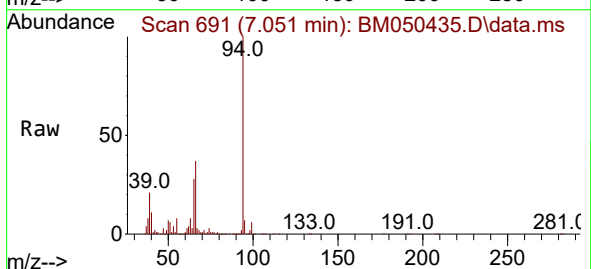
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

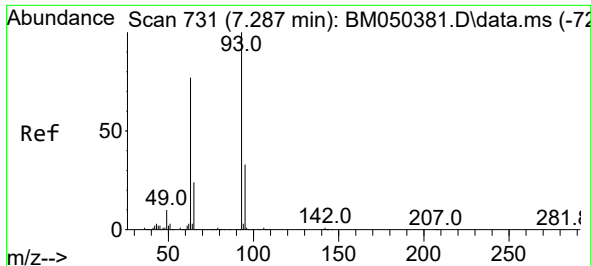
Tgt Ion: 77 Resp: 776775
Ion Ratio Lower Upper
77 100
105 101.1 78.4 118.4
106 98.4 76.3 116.3



#10
Phenol
Concen: 54.629 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion: 94 Resp: 1544097
Ion Ratio Lower Upper
94 100
65 28.4 8.1 48.1
66 36.5 15.8 55.8

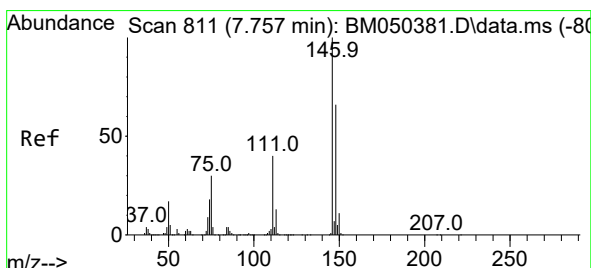
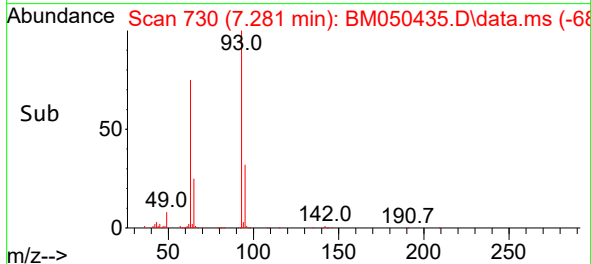
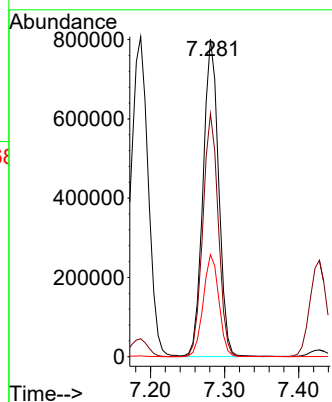
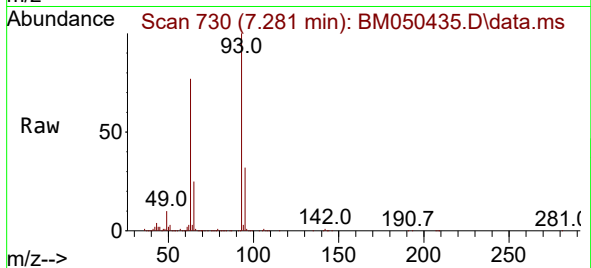




#11
bis(2-Chloroethyl)ether
Concen: 51.907 ng
RT: 7.281 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

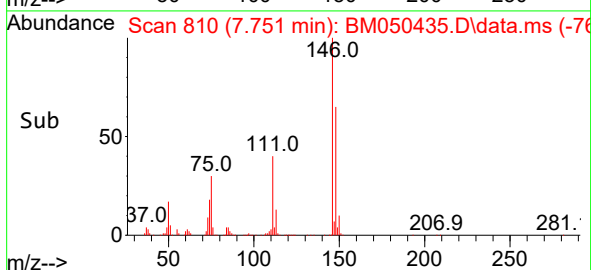
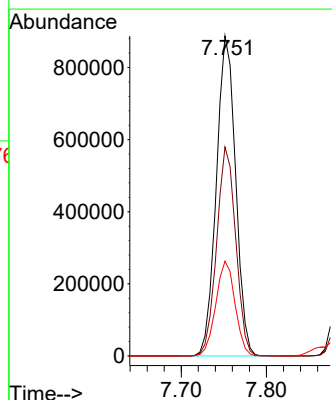
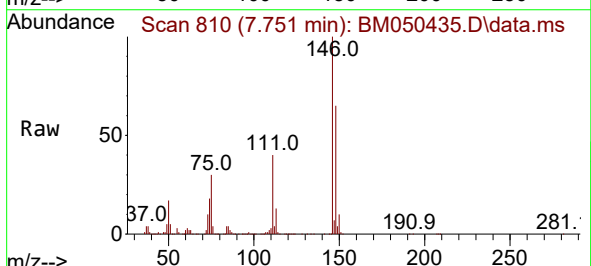
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

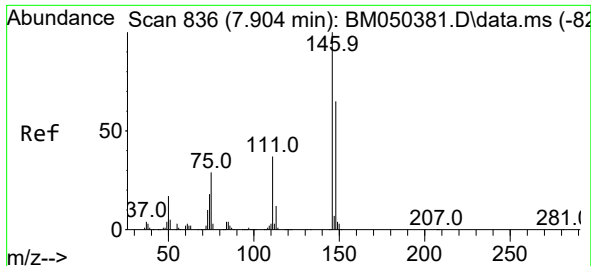
Tgt Ion: 93 Resp: 1174983
Ion Ratio Lower Upper
93 100
63 76.5 56.9 96.9
95 32.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 50.594 ng
RT: 7.751 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:146 Resp: 1394546
Ion Ratio Lower Upper
146 100
148 65.3 53.2 79.8
75 29.6 23.9 35.9

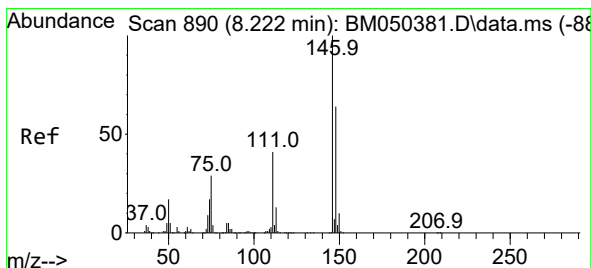
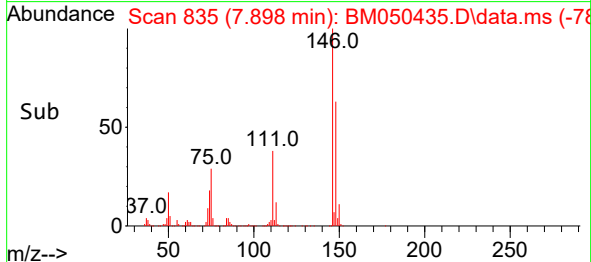
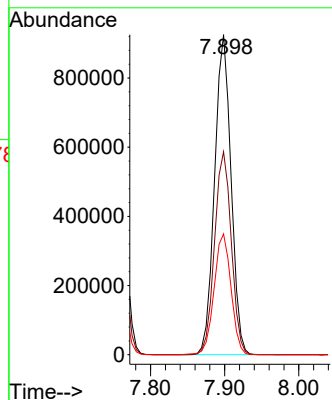
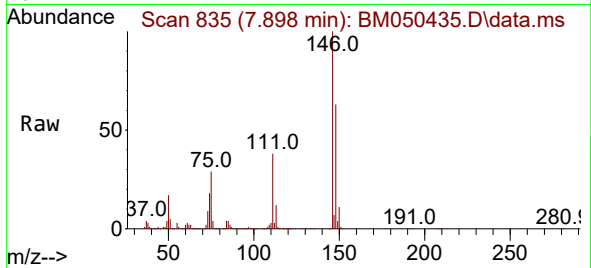




#13
1,4-Dichlorobenzene
Concen: 50.629 ng
RT: 7.898 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

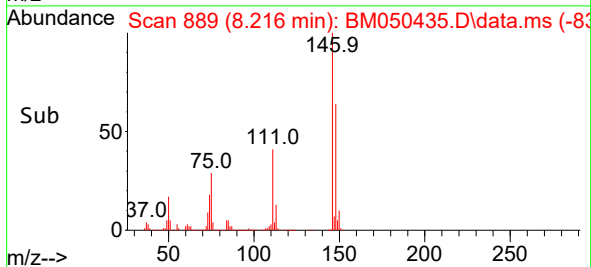
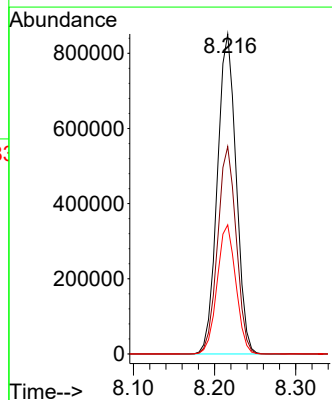
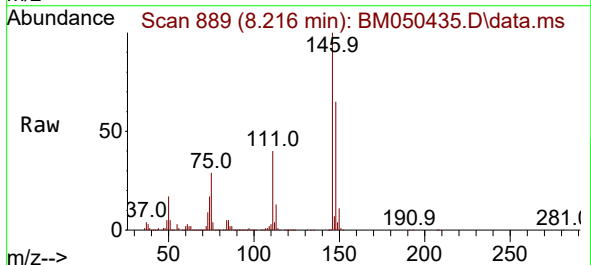
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

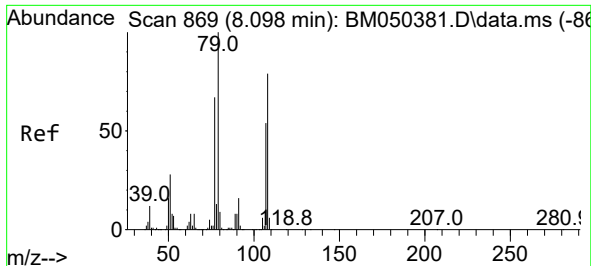
Tgt Ion:146 Resp: 1424934
Ion Ratio Lower Upper
146 100
148 63.4 51.9 77.9
111 37.8 30.0 45.0



#14
1,2-Dichlorobenzene
Concen: 50.873 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:146 Resp: 1370789
Ion Ratio Lower Upper
146 100
148 64.8 51.5 77.3
111 40.4 32.6 49.0

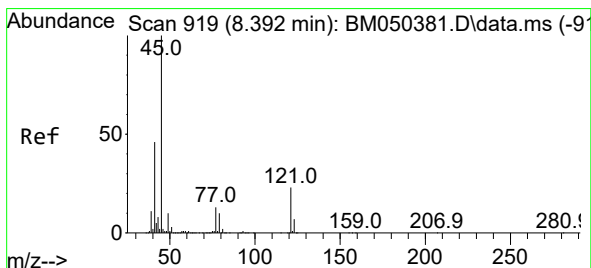
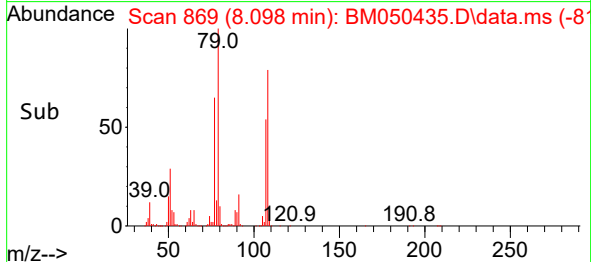
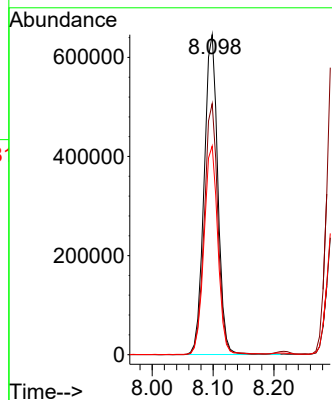
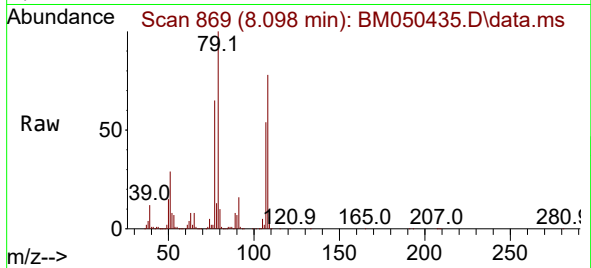




#15
Benzyl Alcohol
Concen: 52.857 ng
RT: 8.098 min Scan# 869
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

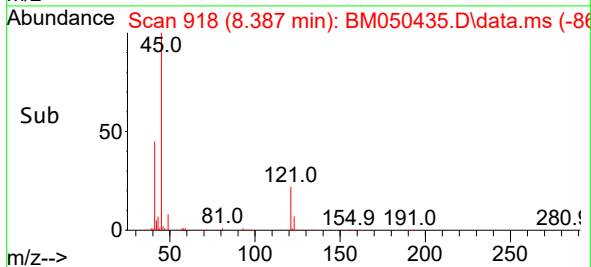
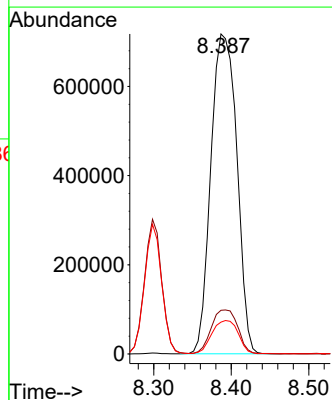
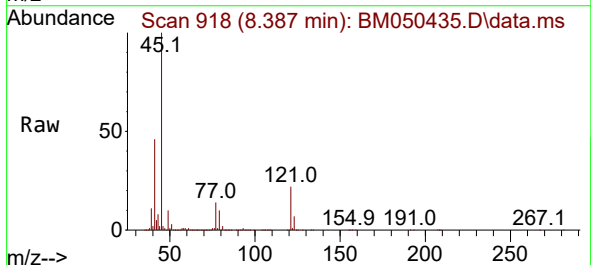
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

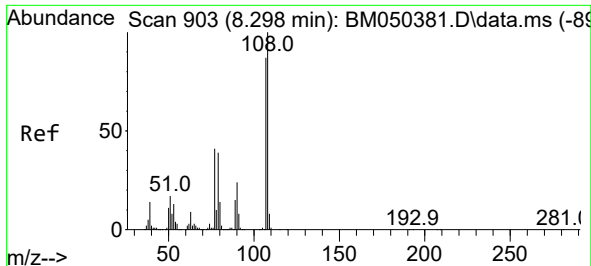
Tgt Ion: 79 Resp: 1009271
Ion Ratio Lower Upper
79 100
108 78.5 63.0 94.4
77 65.2 53.4 80.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.152 ng
RT: 8.387 min Scan# 918
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion: 45 Resp: 1672207
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.5
79 10.0 0.0 30.3

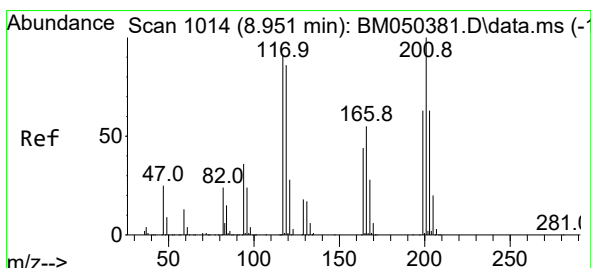
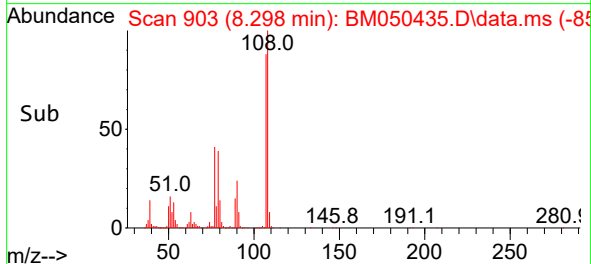
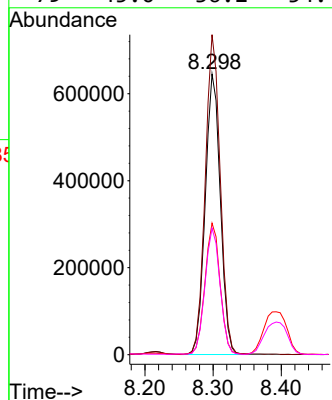
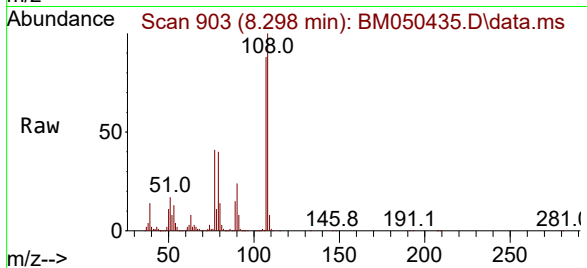




#17
2-Methylphenol
Concen: 54.269 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

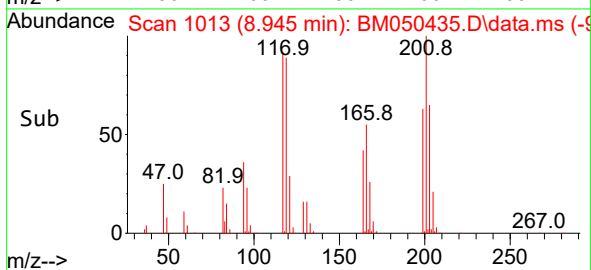
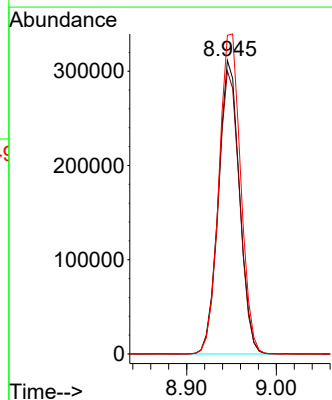
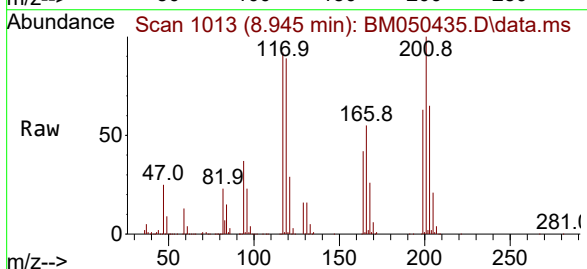
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

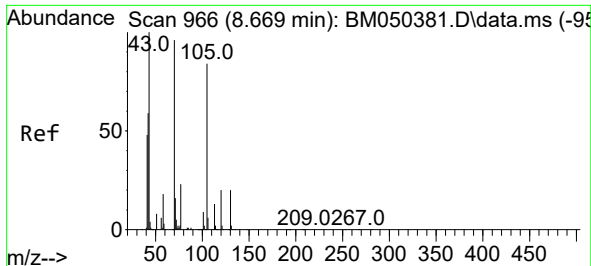
Tgt Ion:	107	Resp:	994877
Ion	Ratio	Lower	Upper
107	100		
108	114.0	92.1	138.1
77	46.8	38.2	57.4
79	45.0	36.2	54.4



#18
Hexachloroethane
Concen: 51.372 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:	117	Resp:	508501
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.6	113.4
201	108.5	87.9	131.9

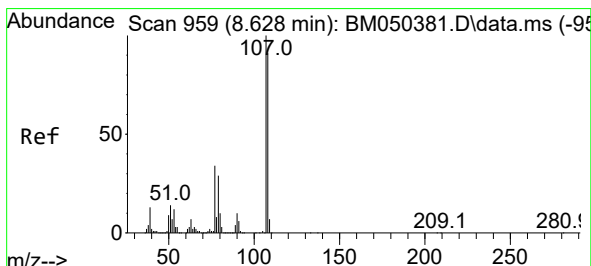
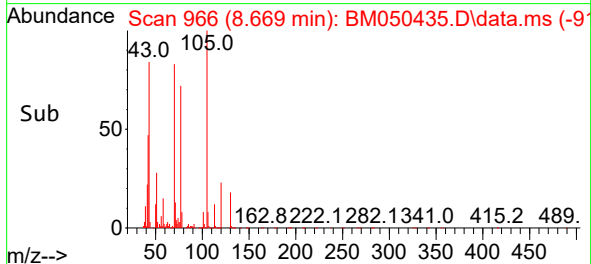
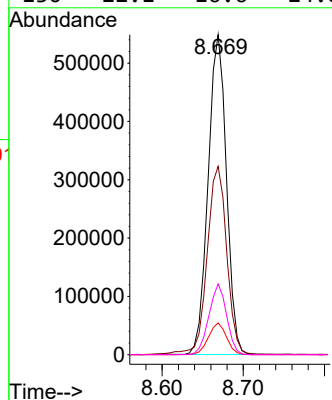
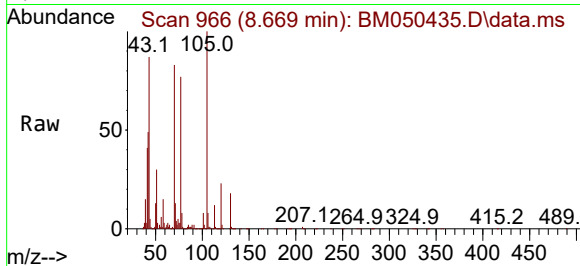




#19
n-Nitroso-di-n-propylamine
Concen: 52.169 ng
RT: 8.669 min Scan# 966
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

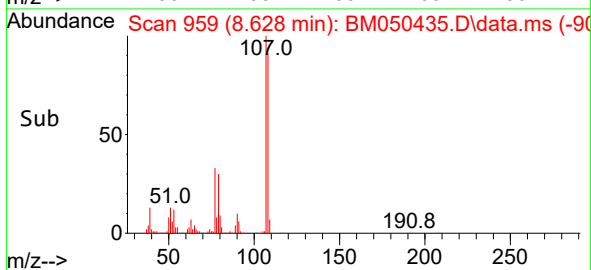
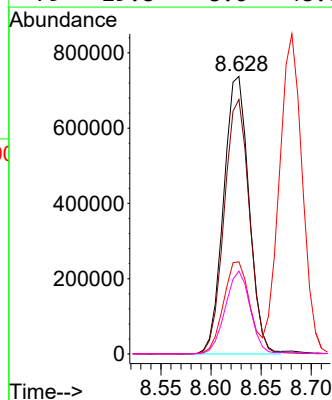
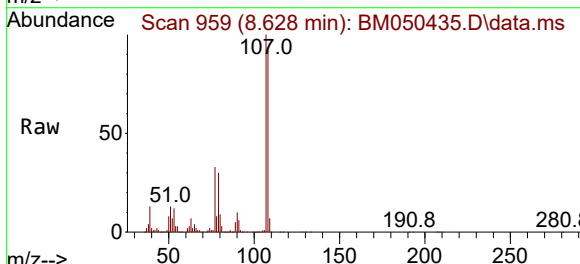
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

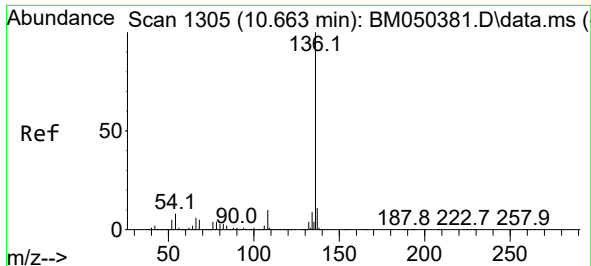
Tgt Ion: 70 Resp: 856466
Ion Ratio Lower Upper
70 100
42 58.8 49.7 74.5
101 10.0 7.7 11.5
130 22.1 16.6 24.8



#20
3+4-Methylphenols
Concen: 52.703 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion: 107 Resp: 1297033
Ion Ratio Lower Upper
107 100
108 91.6 71.5 111.5
77 33.2 13.7 53.7
79 29.8 8.6 48.6

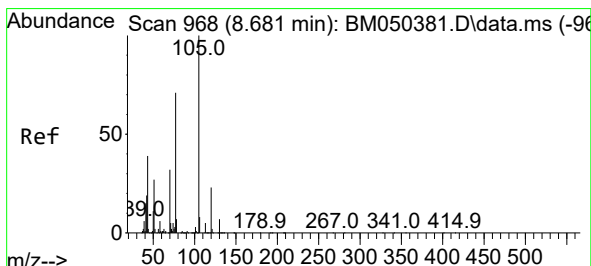
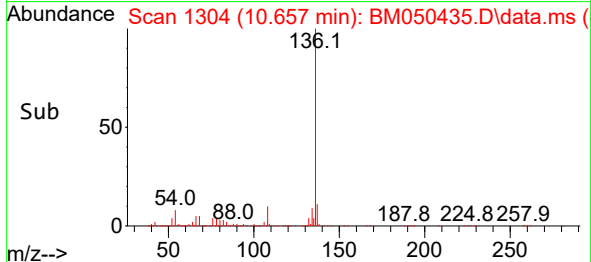
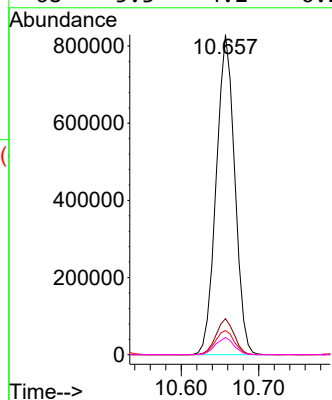
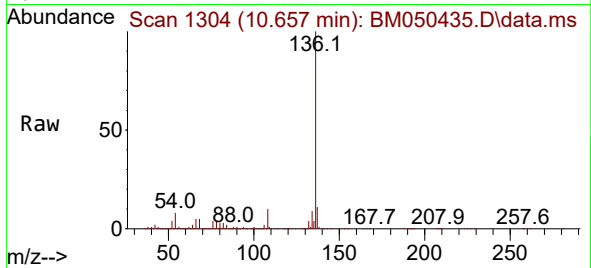




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

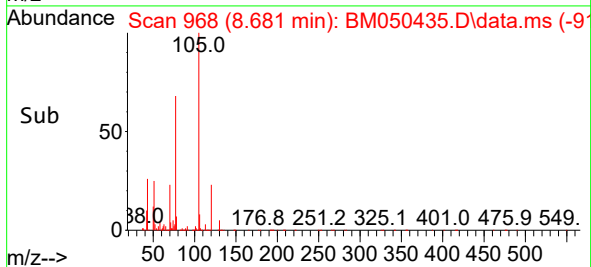
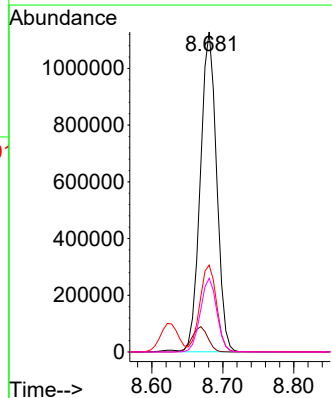
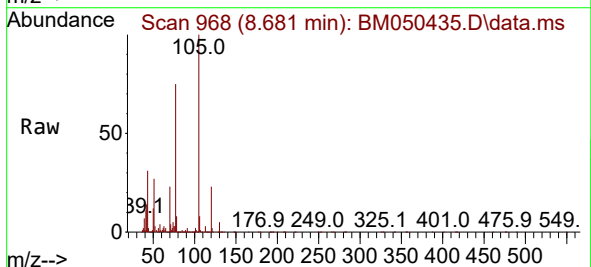
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

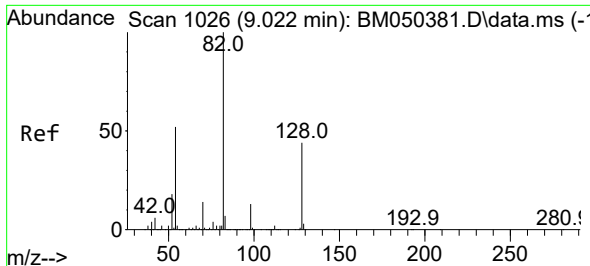
Tgt Ion:136 Resp: 1375892
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.5 6.3 9.5
68 5.3 4.2 6.2



#22
Acetophenone
Concen: 52.258 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:105 Resp: 1797720
Ion Ratio Lower Upper
105 100
71 3.6 4.4 6.6#
51 27.1 23.0 34.6
120 23.0 18.3 27.5

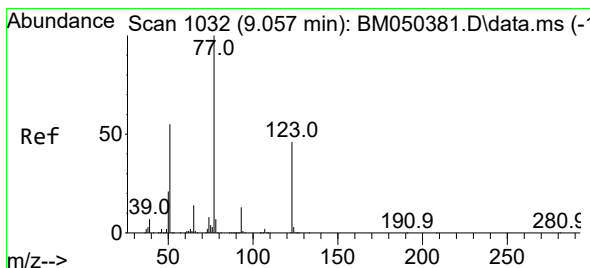
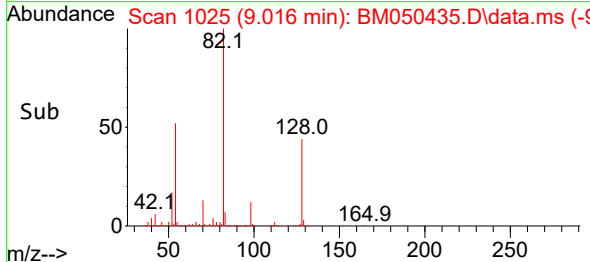
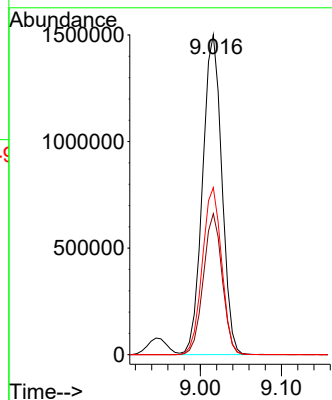
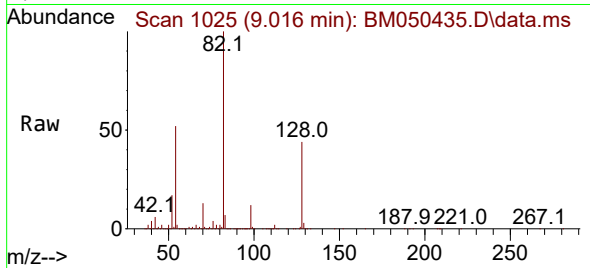




#23
Nitrobenzene-d5
Concen: 91.422 ng
RT: 9.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

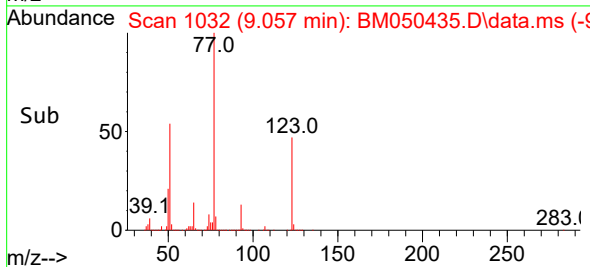
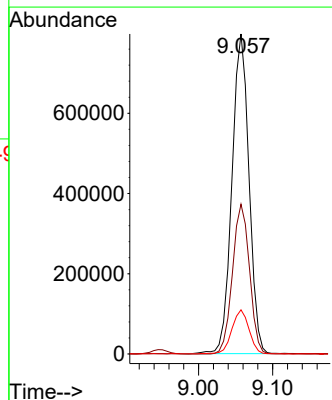
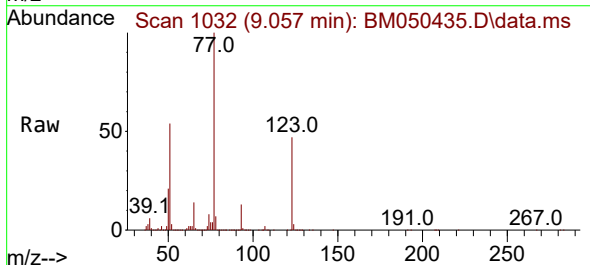
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

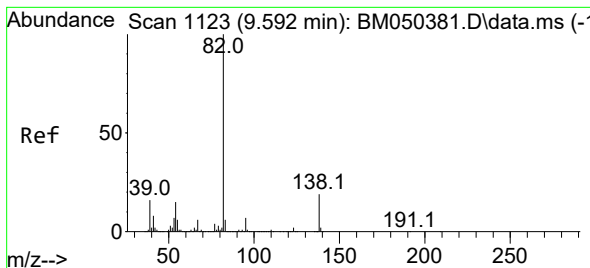
Tgt Ion: 82 Resp: 2465526
Ion Ratio Lower Upper
82 100
128 44.0 35.2 52.8
54 52.2 41.5 62.3



#24
Nitrobenzene
Concen: 52.945 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion: 77 Resp: 1274156
Ion Ratio Lower Upper
77 100
123 46.8 37.0 55.6
65 13.8 11.0 16.4





#25

Isophorone

Concen: 51.861 ng

RT: 9.587 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

Instrument :

BNA_M

ClientSampleId :

PB168816BSD

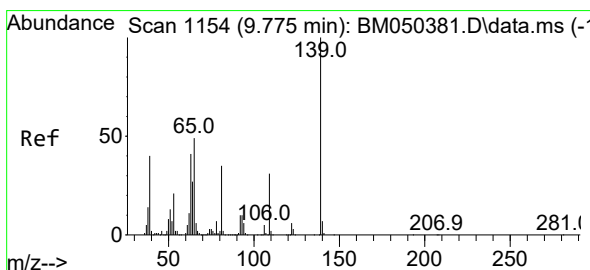
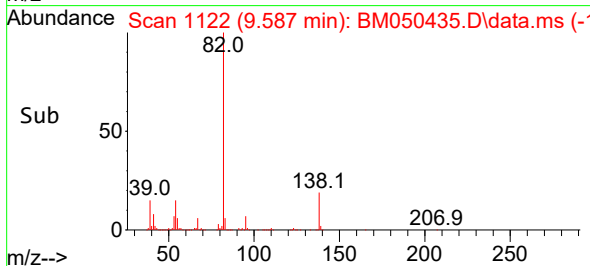
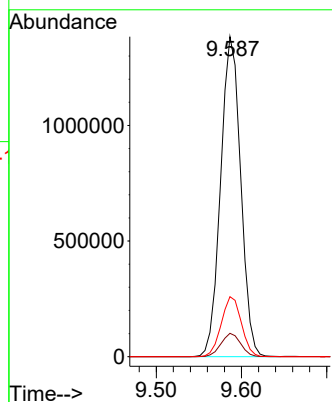
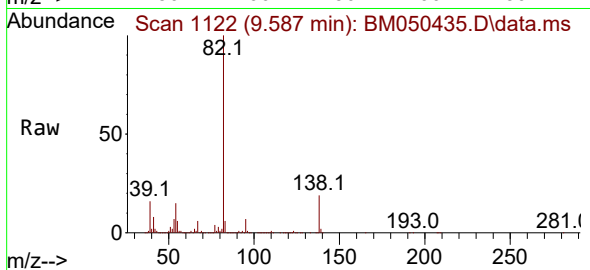
Tgt Ion: 82 Resp: 2269519

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

138 18.7 15.3 22.9



#26

2-Nitrophenol

Concen: 59.385 ng

RT: 9.769 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

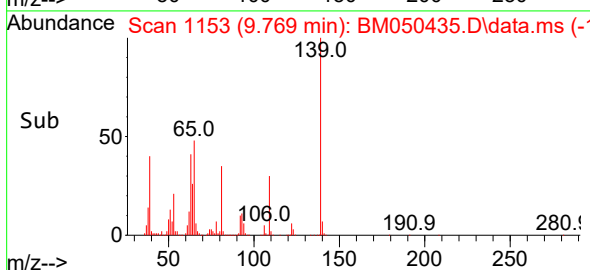
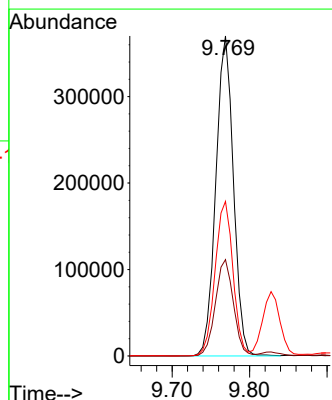
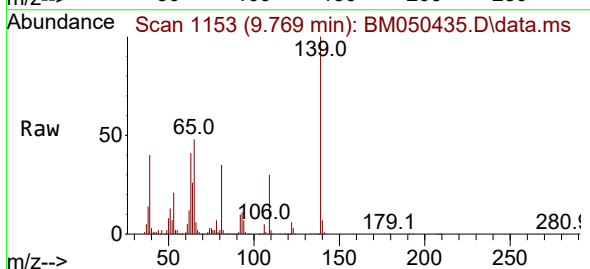
Tgt Ion:139 Resp: 582460

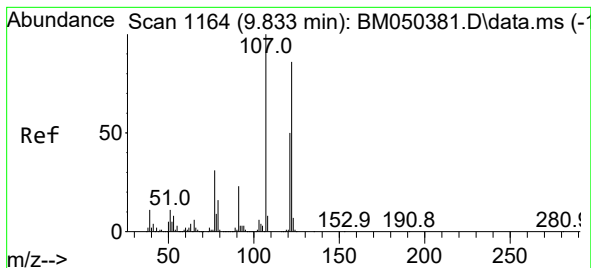
Ion Ratio Lower Upper

139 100

109 30.1 24.6 36.8

65 48.3 39.2 58.8

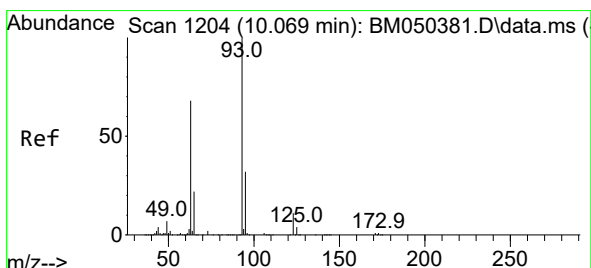
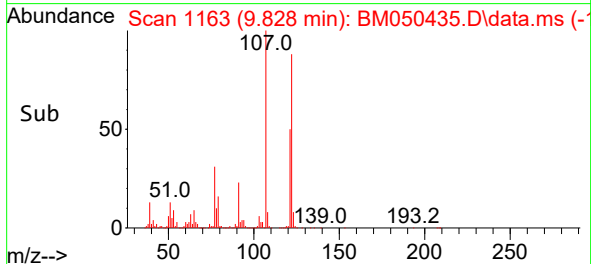
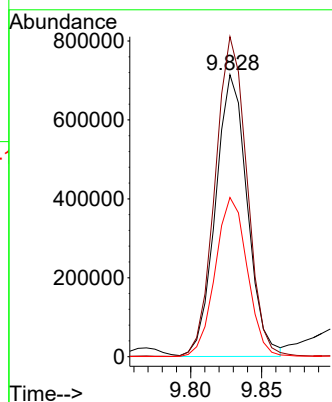
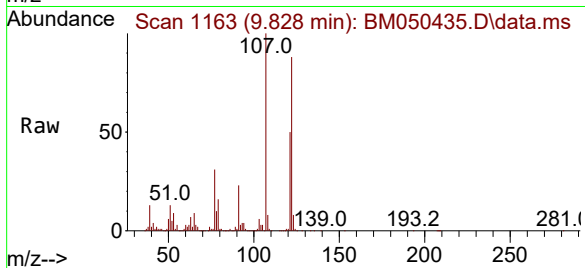




#27
2,4-Dimethylphenol
Concen: 53.265 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

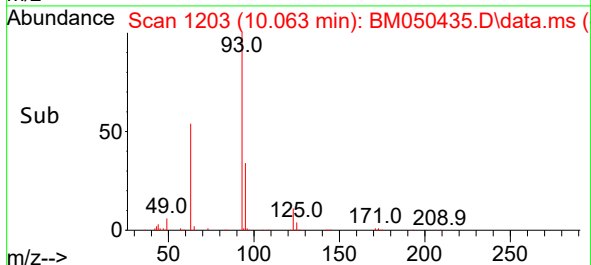
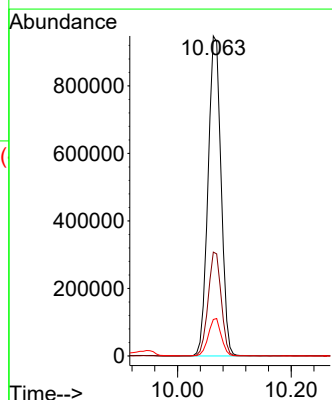
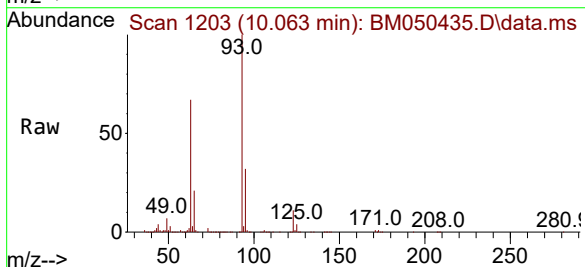
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

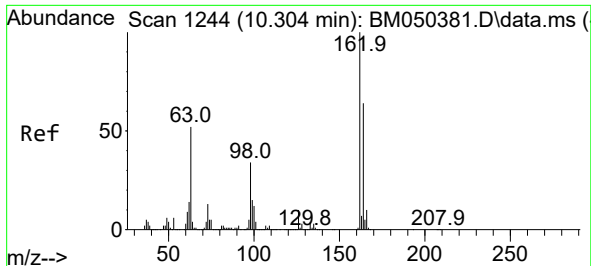
Tgt Ion:122 Resp: 1111698
Ion Ratio Lower Upper
122 100
107 113.5 93.0 139.6
121 56.5 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 51.891 ng
RT: 10.063 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion: 93 Resp: 1504710
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.6
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 54.542 ng

RT: 10.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

Instrument :

BNA_M

ClientSampleId :

PB168816BSD

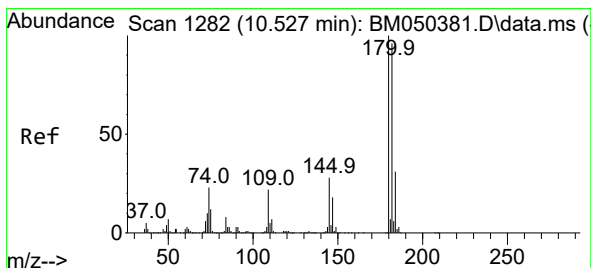
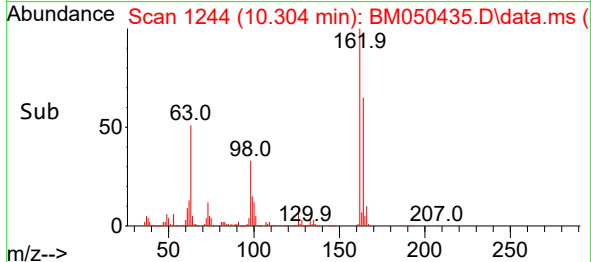
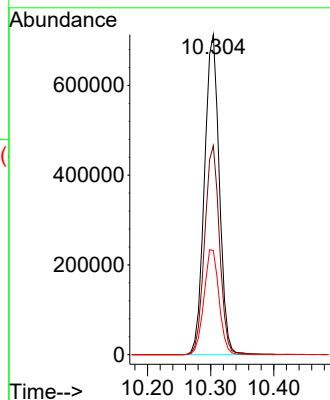
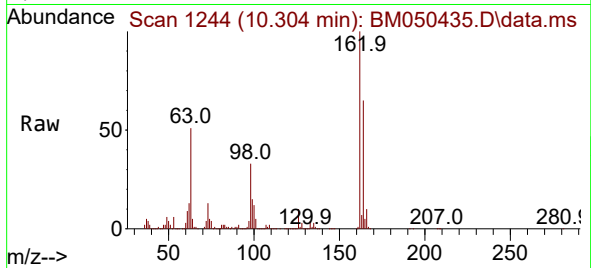
Tgt Ion:162 Resp: 1169495

Ion Ratio Lower Upper

162 100

164 65.3 43.7 83.7

98 32.6 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 52.343 ng

RT: 10.522 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

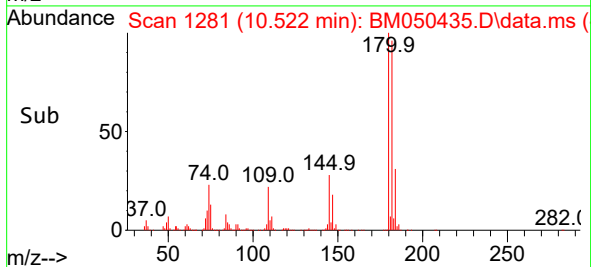
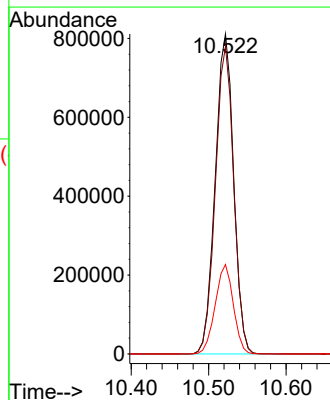
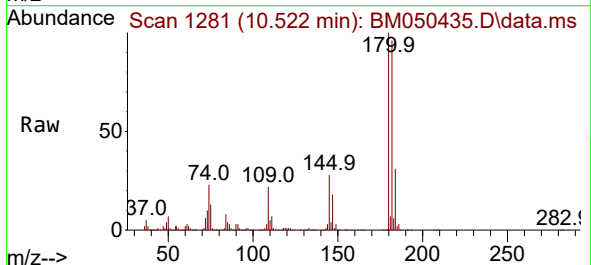
Tgt Ion:180 Resp: 1342620

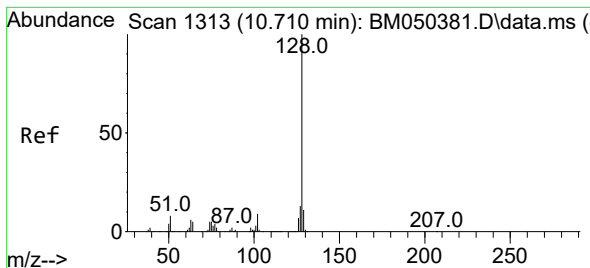
Ion Ratio Lower Upper

180 100

182 96.1 76.8 115.2

145 27.9 22.6 33.8

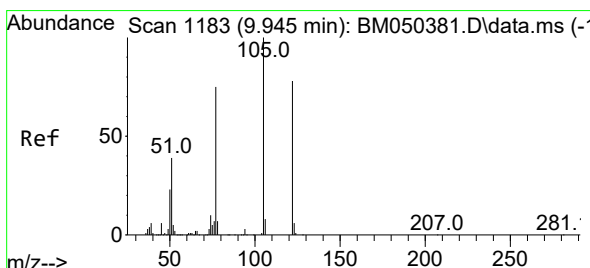
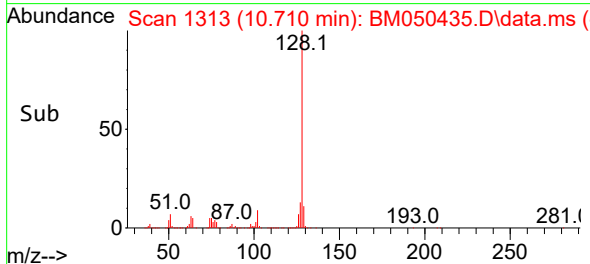
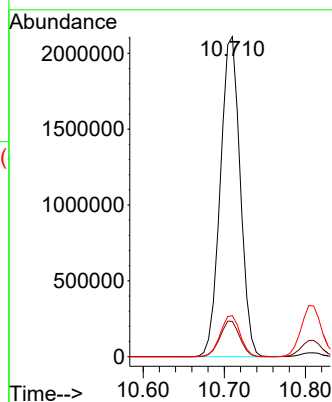
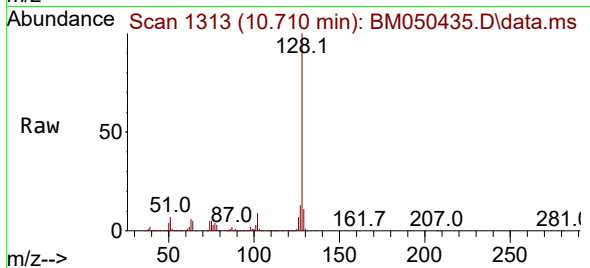




#31
Naphthalene
Concen: 51.318 ng
RT: 10.710 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

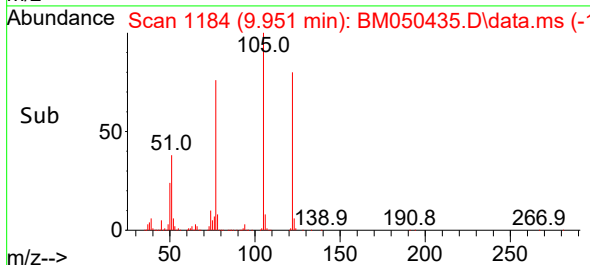
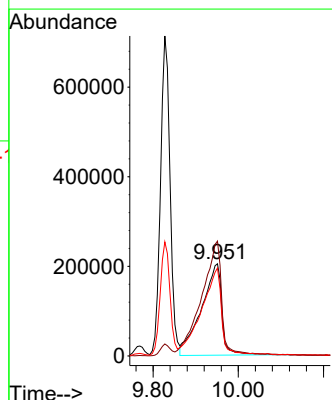
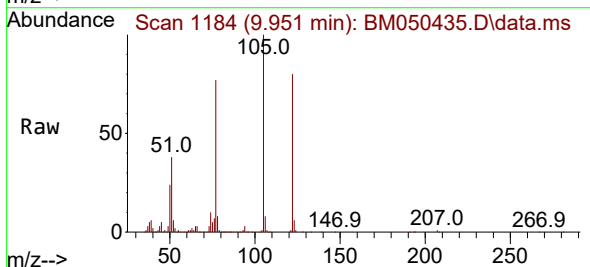
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

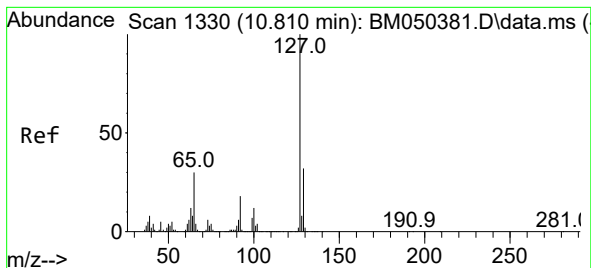
Tgt Ion:128 Resp: 3586358
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 52.507 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:122 Resp: 680857
Ion Ratio Lower Upper
122 100
105 124.7 104.0 144.0
77 95.6 73.8 113.8





#33

4-Chloroaniline

Concen: 20.317 ng

RT: 10.804 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

Instrument :

BNA_M

ClientSampleId :

PB168816BSD

Tgt Ion:127 Resp: 600270

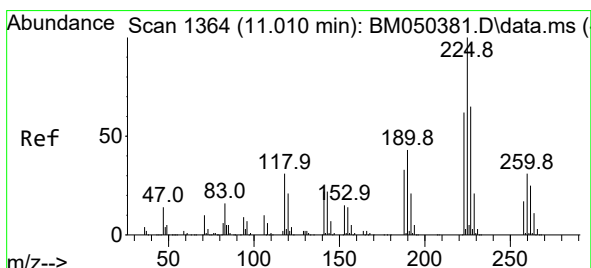
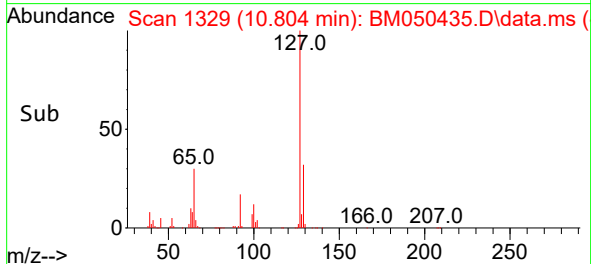
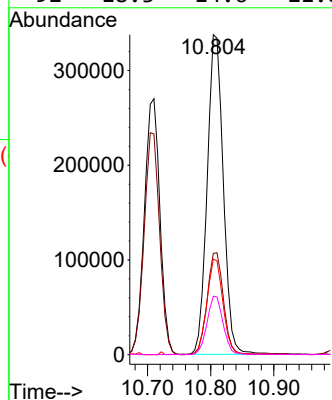
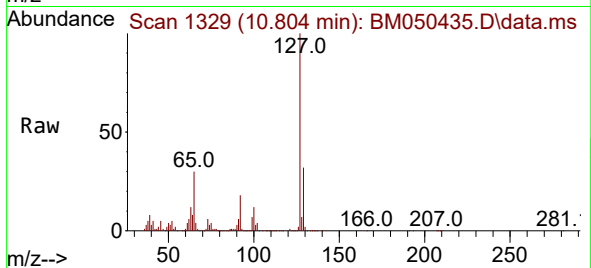
Ion Ratio Lower Upper

127 100

129 31.6 25.5 38.3

65 29.9 23.9 35.9

92 18.3 14.6 21.8



#34

Hexachlorobutadiene

Concen: 51.894 ng

RT: 11.004 min Scan# 1363

Delta R.T. -0.006 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

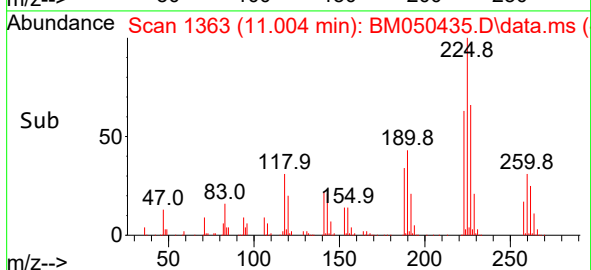
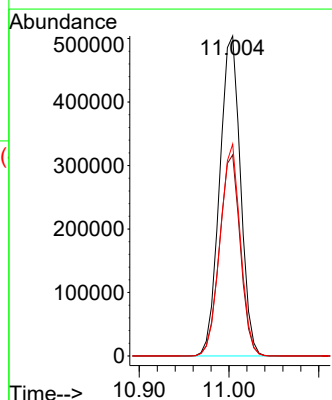
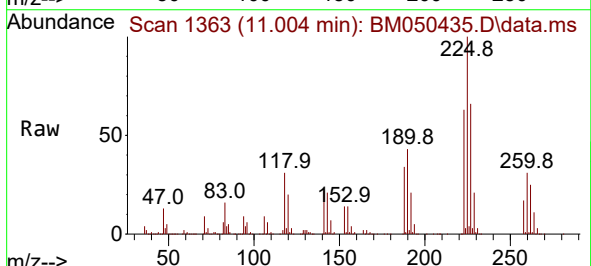
Tgt Ion:225 Resp: 812433

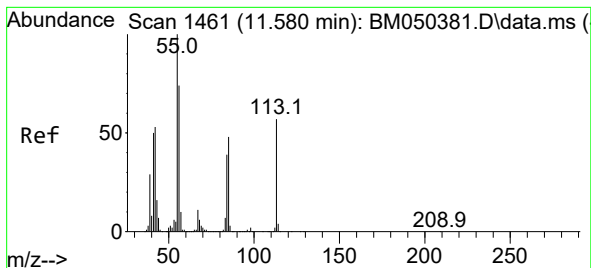
Ion Ratio Lower Upper

225 100

223 62.8 49.7 74.5

227 66.2 52.1 78.1

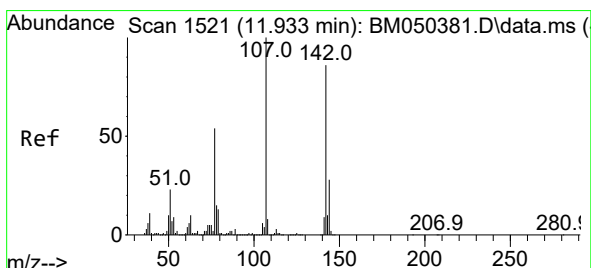
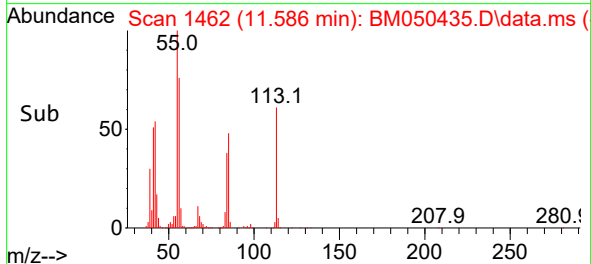
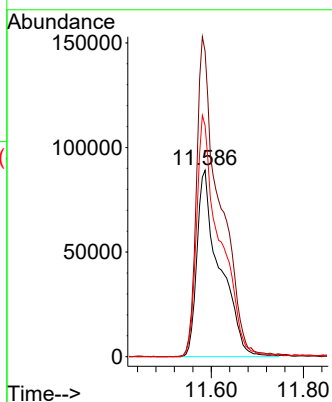
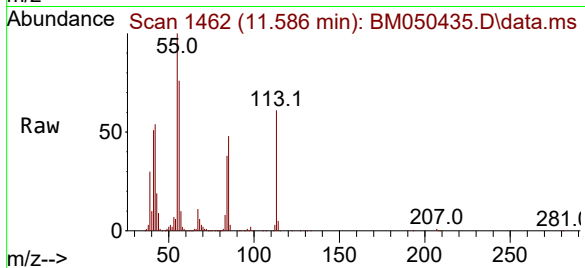




#35
Caprolactam
Concen: 52.119 ng
RT: 11.586 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

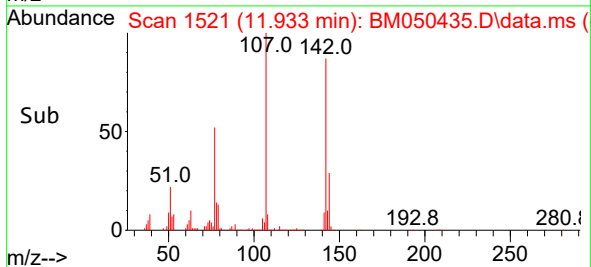
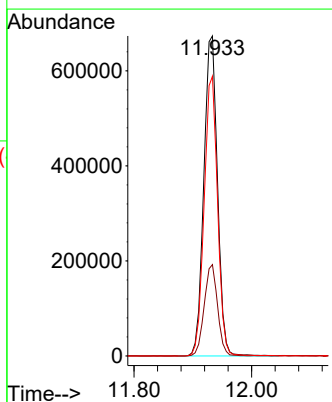
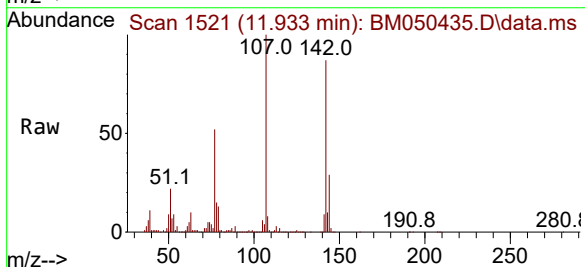
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

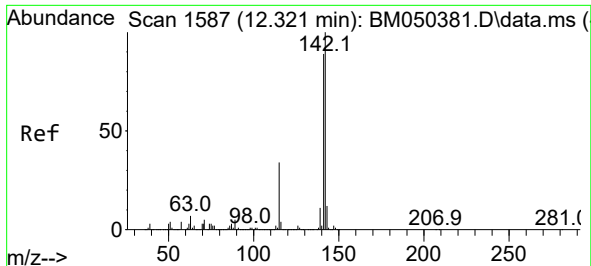
Tgt Ion:113 Resp: 305069
Ion Ratio Lower Upper
113 100
55 163.8 157.2 197.2
56 123.9 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 54.093 ng
RT: 11.933 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:107 Resp: 1083096
Ion Ratio Lower Upper
107 100
144 28.6 22.2 33.4
142 87.4 68.7 103.1

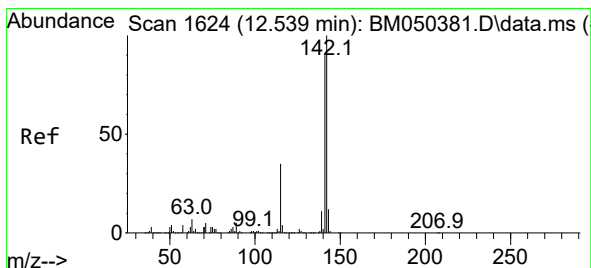
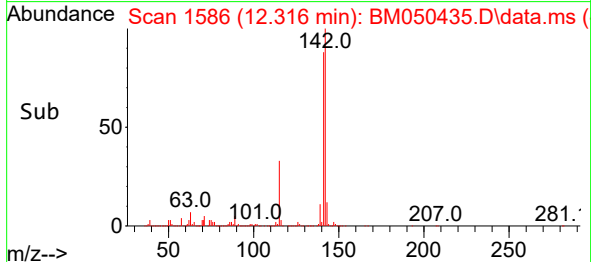
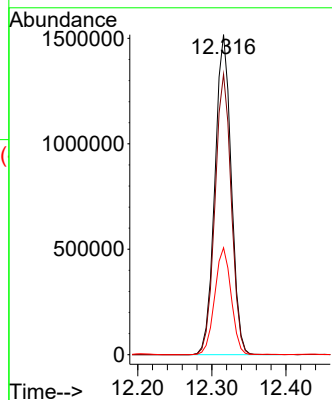
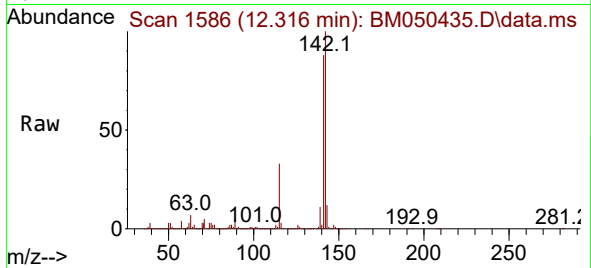




#37
2-Methylnaphthalene
Concen: 52.615 ng
RT: 12.316 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

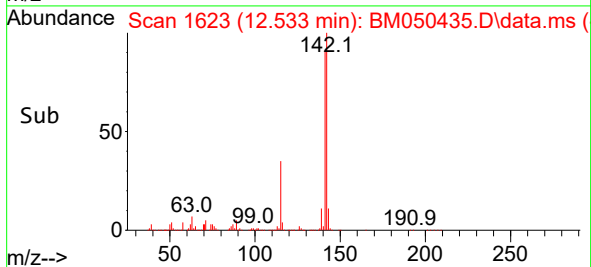
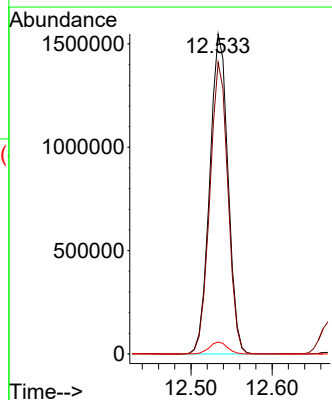
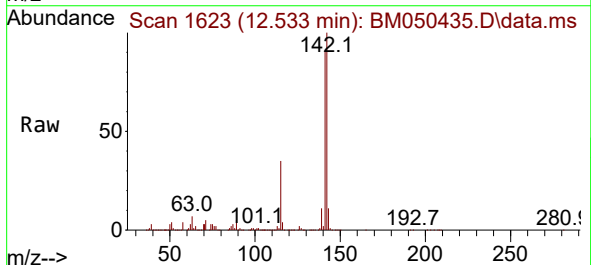
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

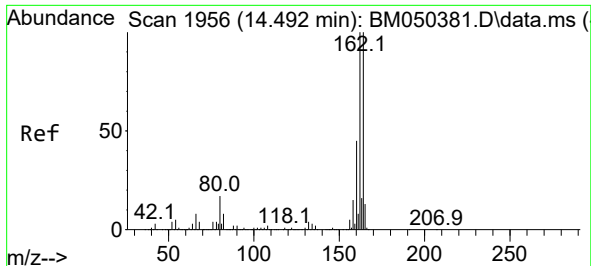
Tgt Ion:142 Resp: 2321707
Ion Ratio Lower Upper
142 100
141 87.7 70.8 106.2
115 33.4 27.0 40.4



#38
1-Methylnaphthalene
Concen: 51.731 ng
RT: 12.533 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:142 Resp: 2415782
Ion Ratio Lower Upper
142 100
141 91.2 71.9 107.9
116 3.7 3.0 4.6

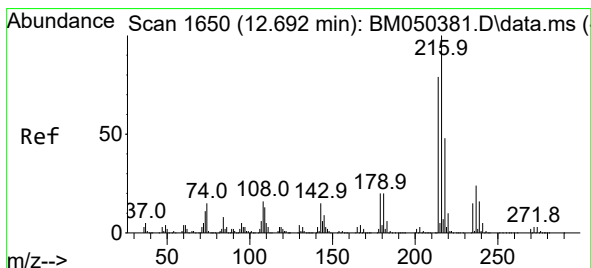
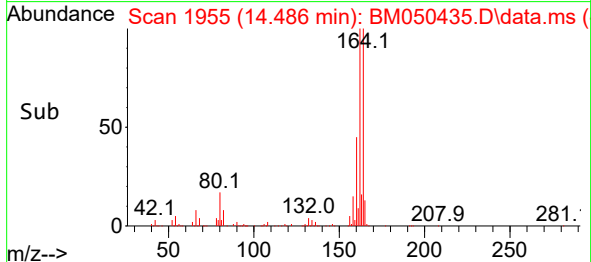
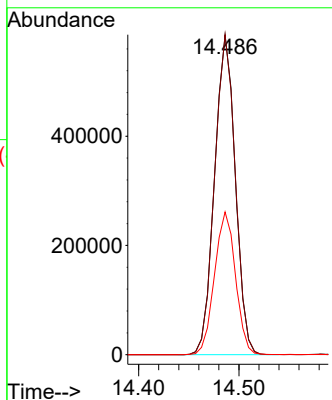
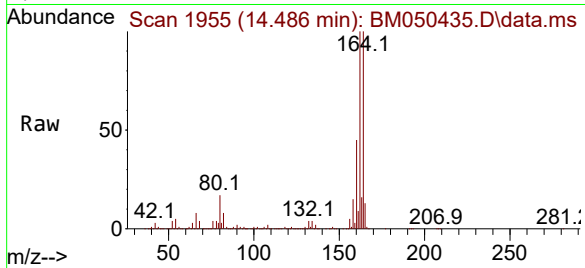




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

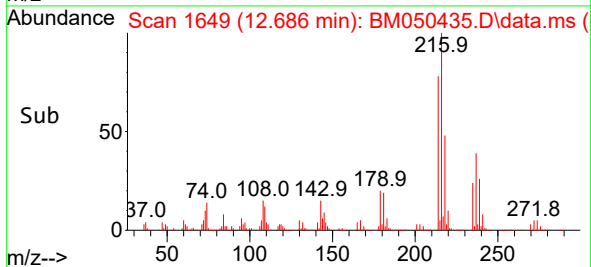
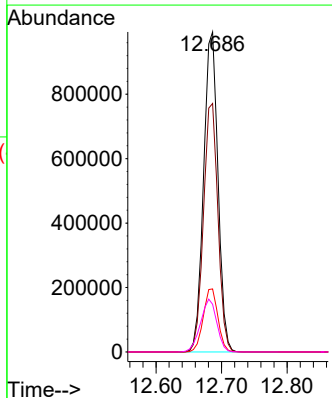
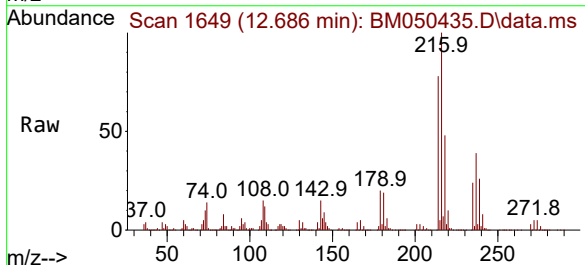
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

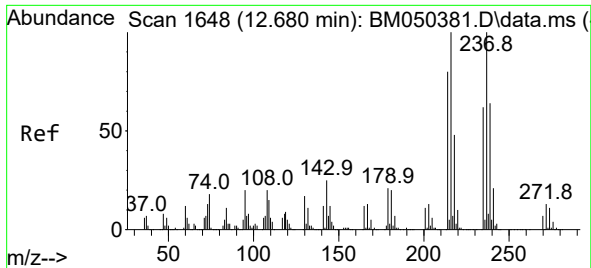
Tgt Ion:164 Resp: 841303
Ion Ratio Lower Upper
164 100
162 100.2 79.9 119.9
160 44.7 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.650 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:216 Resp: 1515622
Ion Ratio Lower Upper
216 100
214 78.4 63.3 94.9
179 20.1 16.4 24.6
108 18.7 13.9 20.9

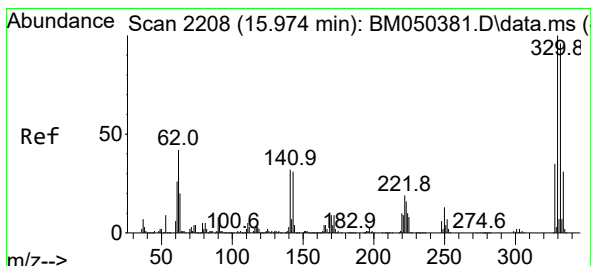
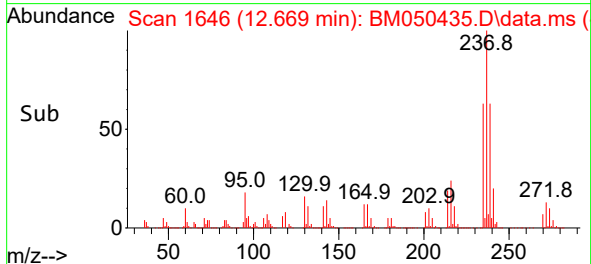
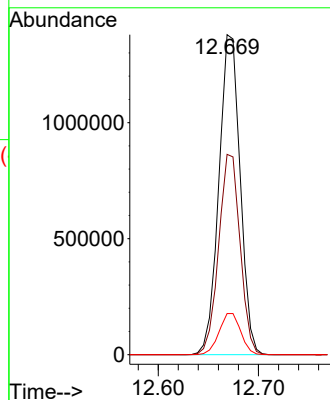
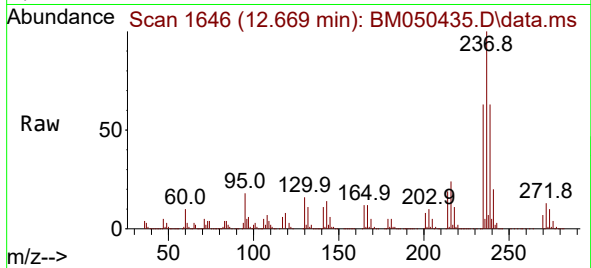




#41
Hexachlorocyclopentadiene
Concen: 118.714 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

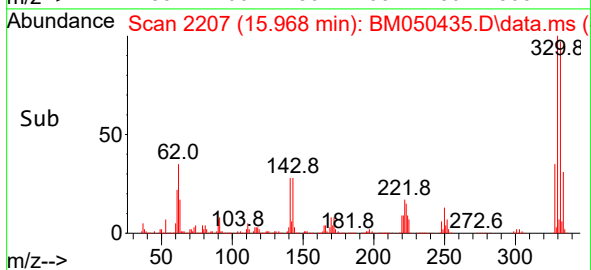
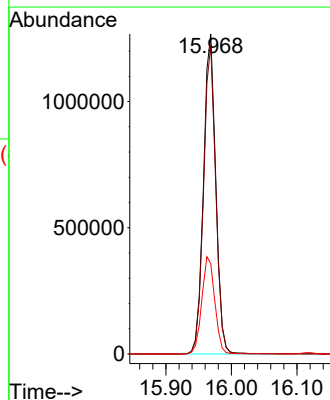
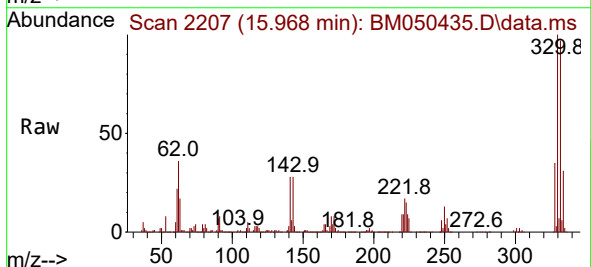
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

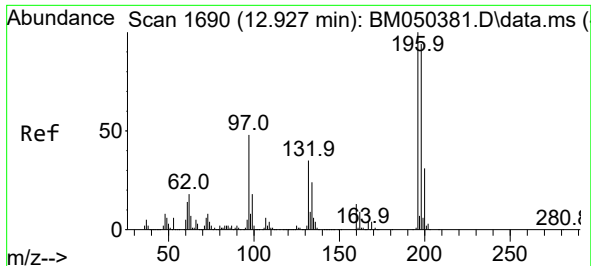
Tgt Ion:237 Resp: 2030204
Ion Ratio Lower Upper
237 100
235 62.6 42.3 82.3
272 12.8 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 161.595 ng
RT: 15.968 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:330 Resp: 1651806
Ion Ratio Lower Upper
330 100
332 95.8 76.9 115.3
141 32.2 27.4 41.0

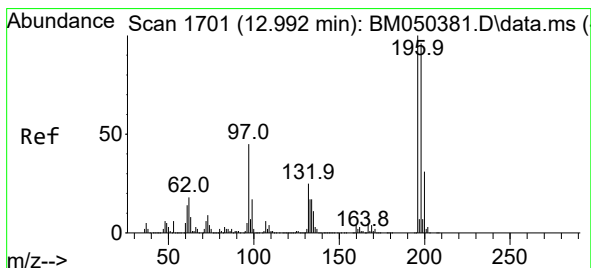
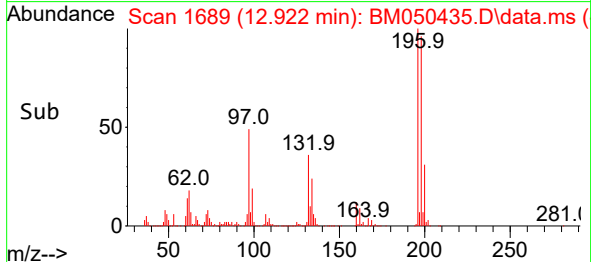
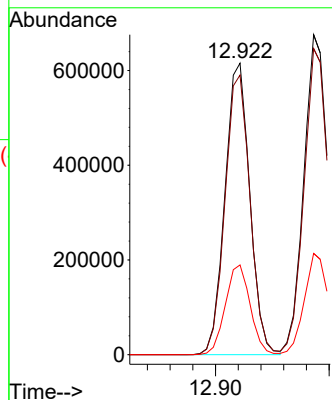
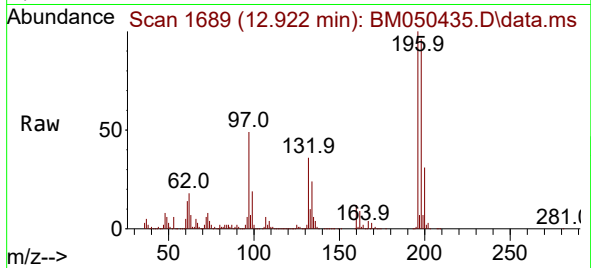




#43
2,4,6-Trichlorophenol
Concen: 56.899 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

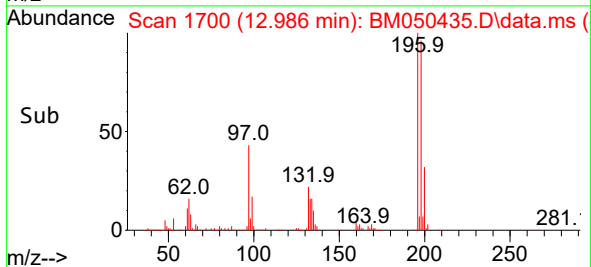
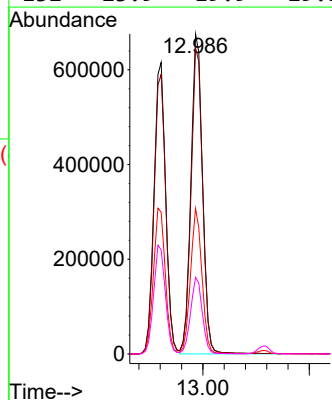
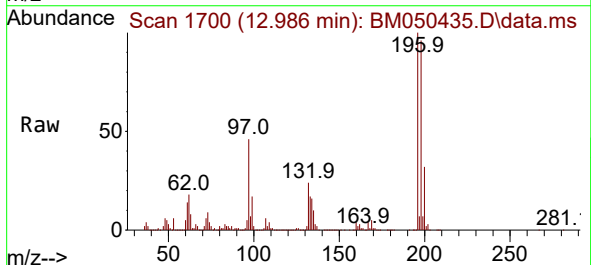
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

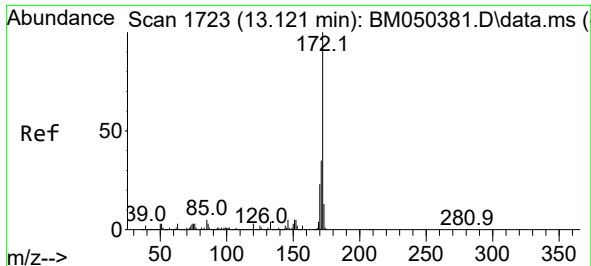
Tgt Ion:196 Resp: 937037
Ion Ratio Lower Upper
196 100
198 95.9 75.1 112.7
200 30.8 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 56.905 ng
RT: 12.986 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:196 Resp: 1023470
Ion Ratio Lower Upper
196 100
198 95.7 77.2 115.8
97 45.5 36.2 54.4
132 23.9 19.9 29.9

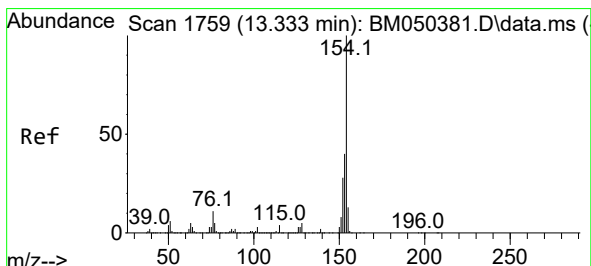
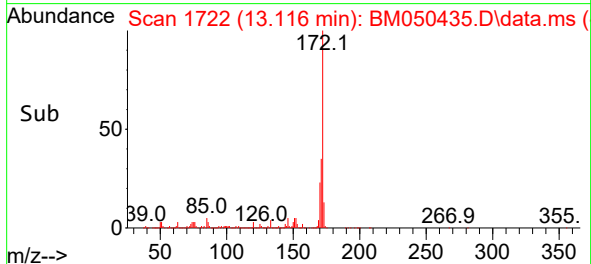
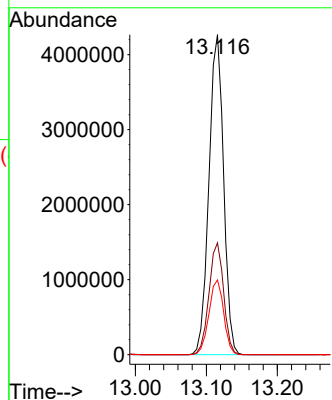
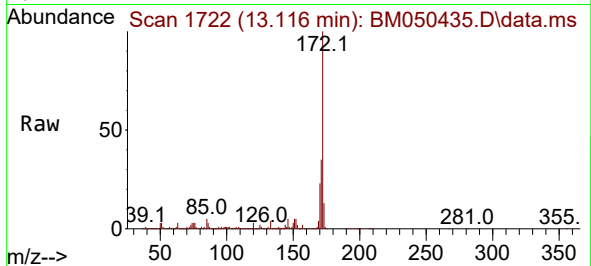




#45
2-Fluorobiphenyl
Concen: 89.847 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

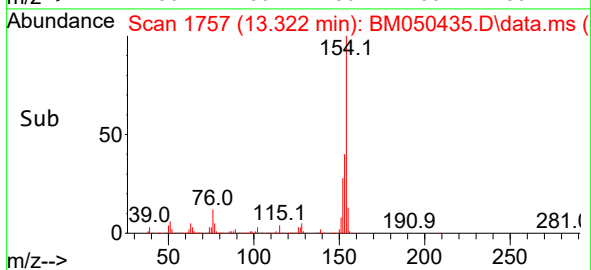
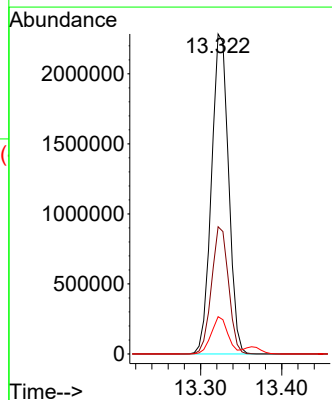
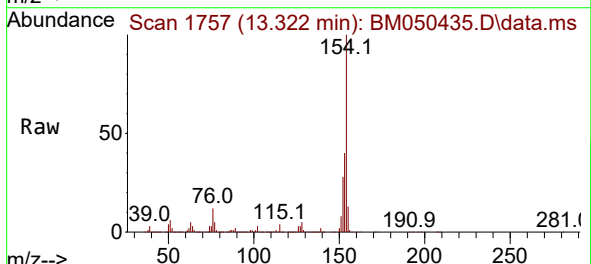
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

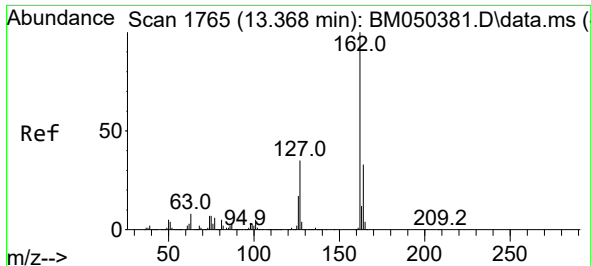
Tgt Ion:172 Resp: 6120850
Ion Ratio Lower Upper
172 100
171 34.9 27.7 41.5
170 23.3 18.8 28.2



#46
1,1'-Biphenyl
Concen: 53.467 ng
RT: 13.322 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:154 Resp: 3337334
Ion Ratio Lower Upper
154 100
153 39.8 19.7 59.7
76 11.6 0.0 30.9

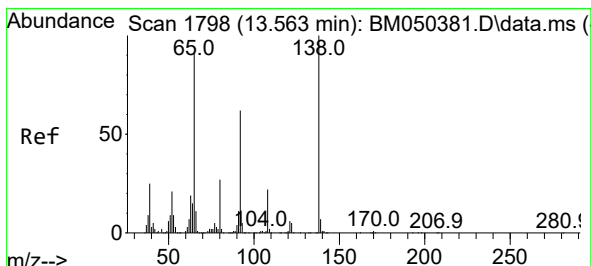
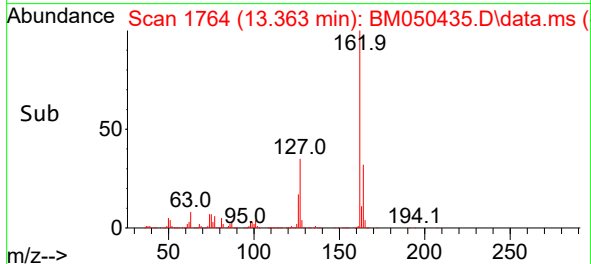
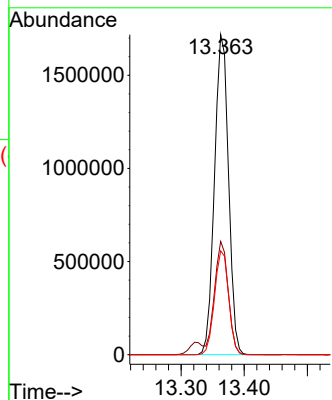
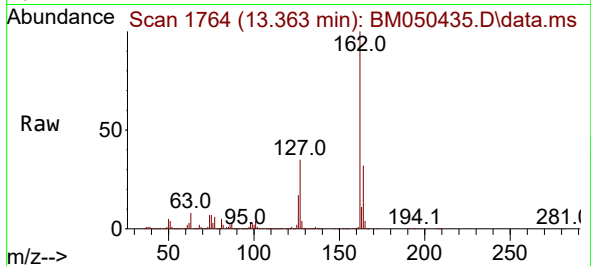




#47
2-Chloronaphthalene
Concen: 53.202 ng
RT: 13.363 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

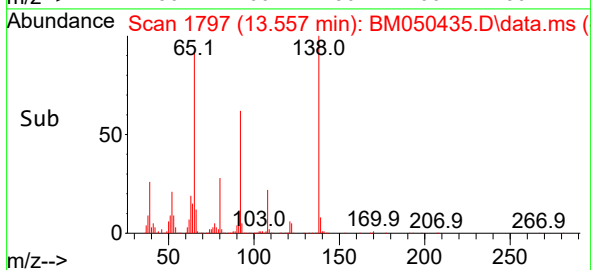
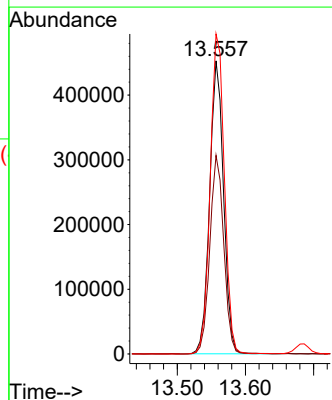
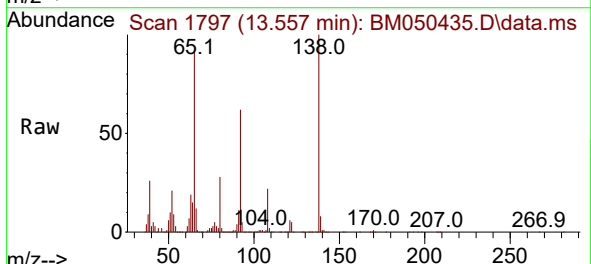
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

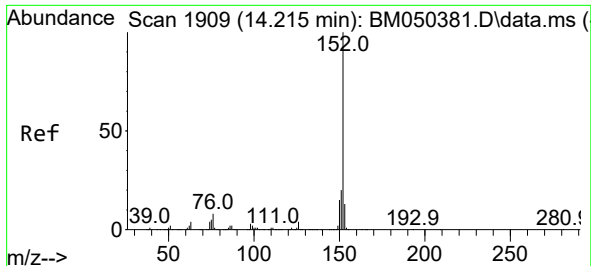
Tgt Ion:162 Resp: 2647719
Ion Ratio Lower Upper
162 100
127 35.4 28.3 42.5
164 32.4 26.6 40.0



#48
2-Nitroaniline
Concen: 57.846 ng
RT: 13.557 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion: 65 Resp: 642584
Ion Ratio Lower Upper
65 100
92 67.8 54.3 81.5
138 109.2 87.8 131.6

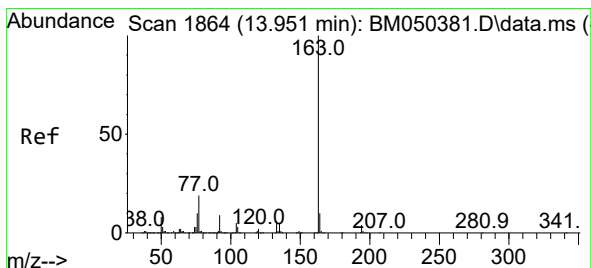
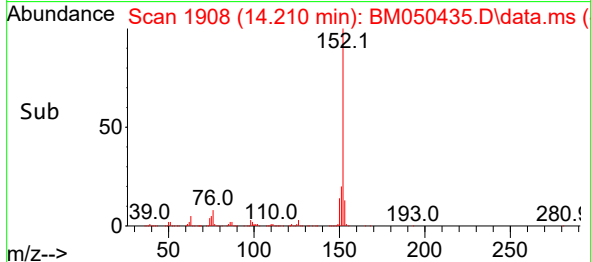
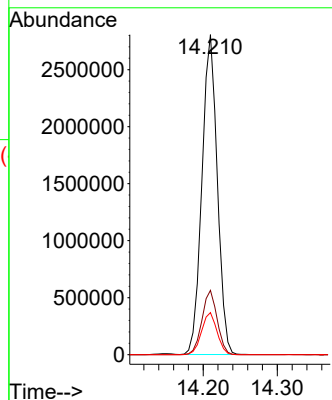
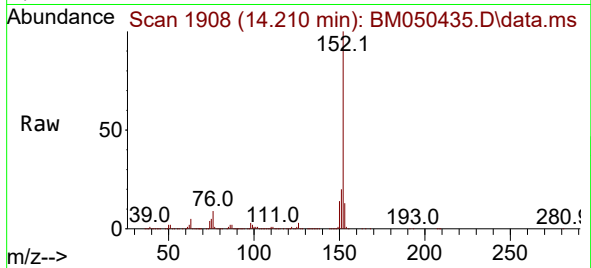




#49
Acenaphthylene
Concen: 53.650 ng
RT: 14.210 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

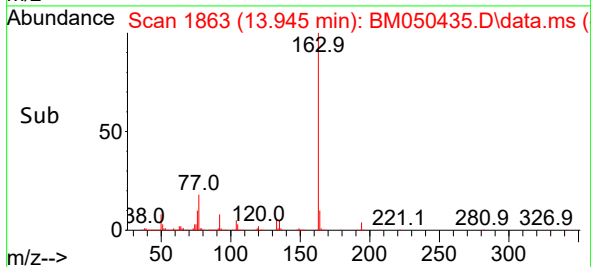
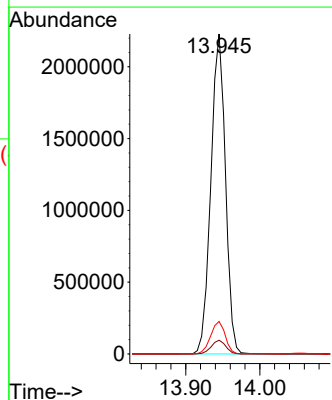
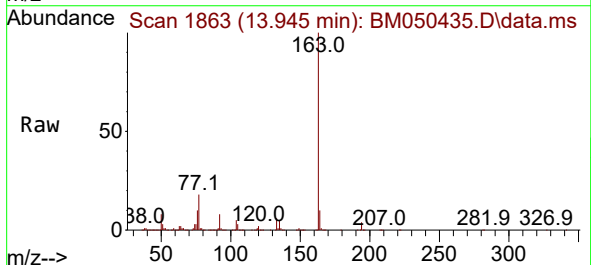
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

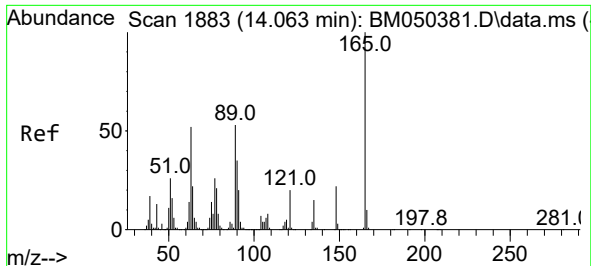
Tgt Ion:152 Resp: 4035185
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 52.442 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:163 Resp: 3037517
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.2 12.2

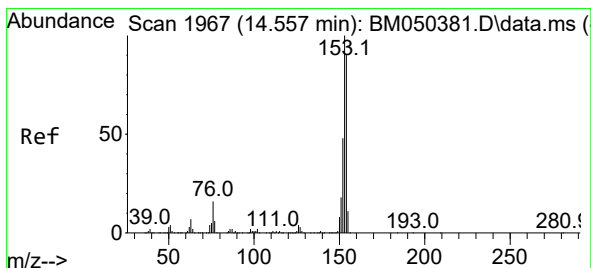
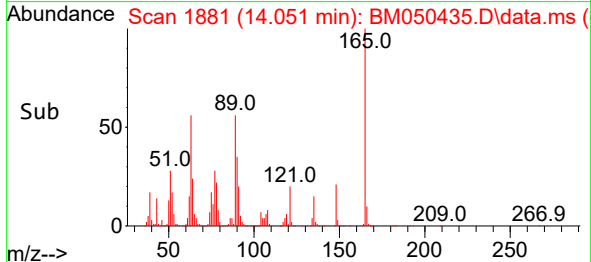
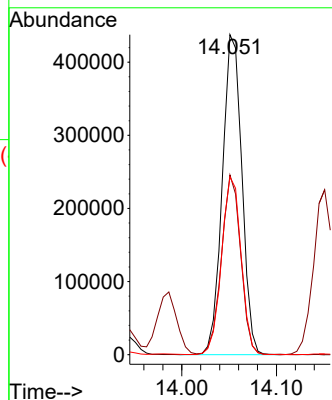
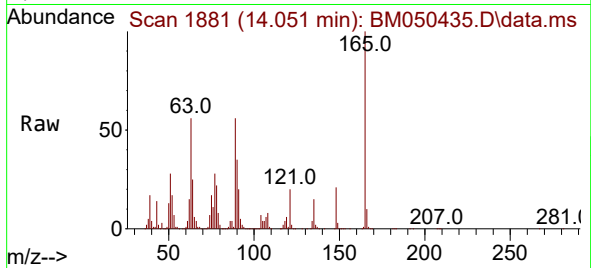




#51
2,6-Dinitrotoluene
Concen: 56.528 ng
RT: 14.051 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

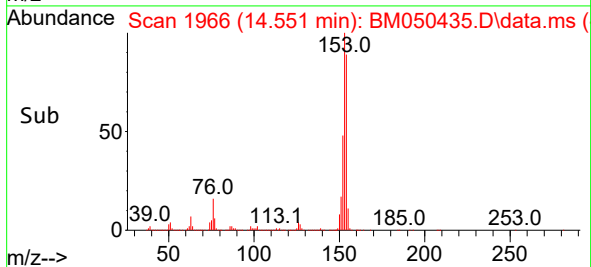
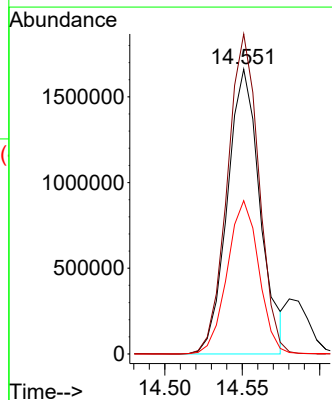
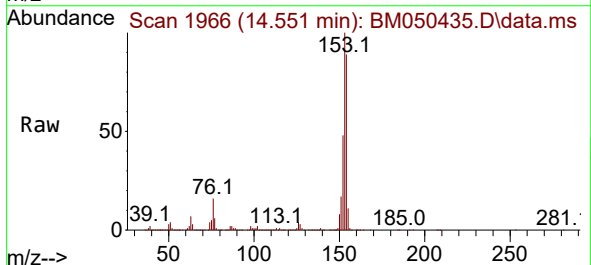
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

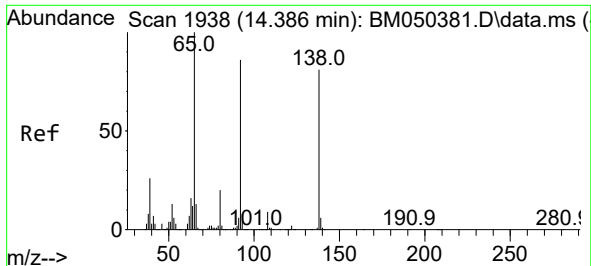
Tgt Ion:165 Resp: 628654
Ion Ratio Lower Upper
165 100
63 56.2 42.4 63.6
89 55.5 42.2 63.2



#52
Acenaphthene
Concen: 51.031 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:154 Resp: 2440144
Ion Ratio Lower Upper
154 100
153 112.4 89.2 133.8
152 53.8 42.6 64.0

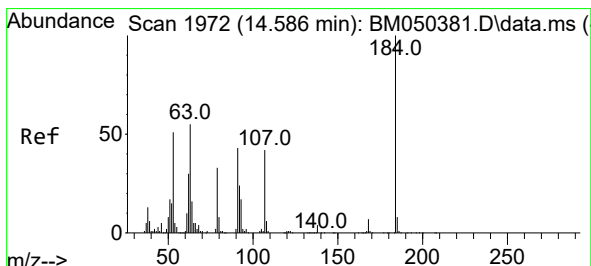
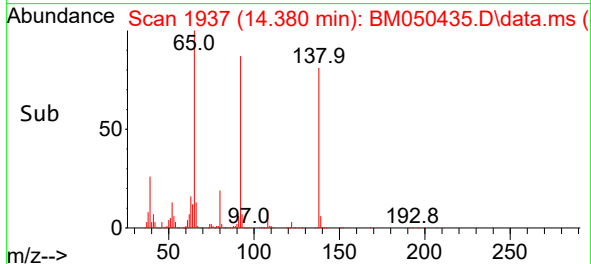
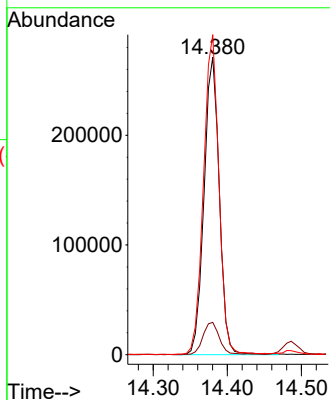
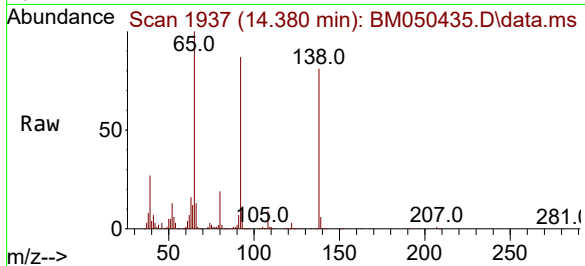




#53
3-Nitroaniline
Concen: 32.866 ng
RT: 14.380 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

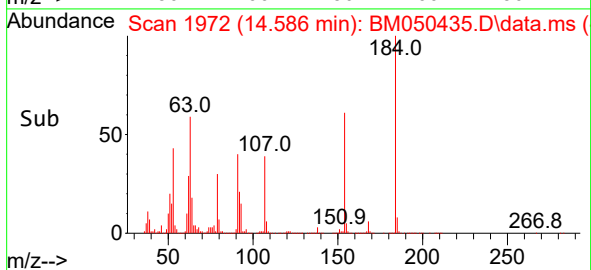
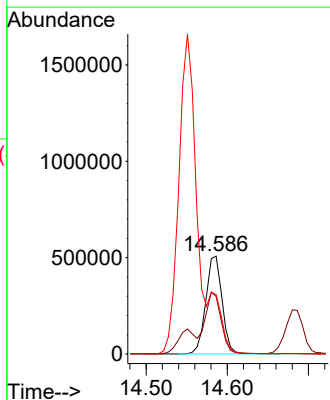
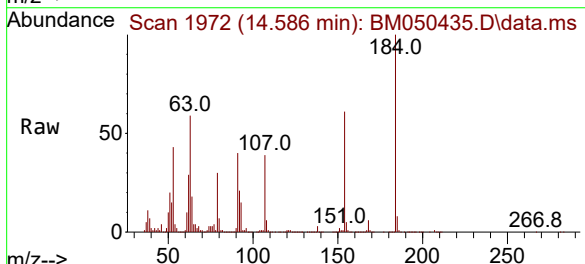
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

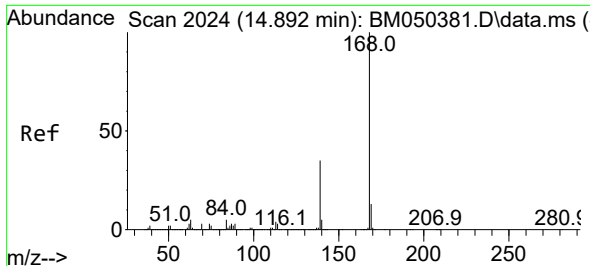
Tgt Ion:138 Resp: 388715
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 107.5 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 112.451 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:184 Resp: 707416
Ion Ratio Lower Upper
184 100
63 58.8 53.4 80.0
154 60.7 61.6 92.4#

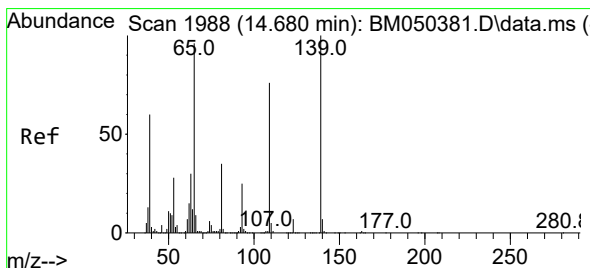
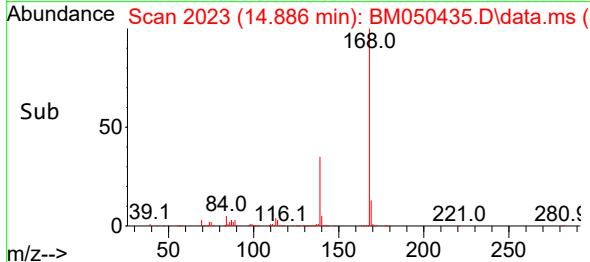
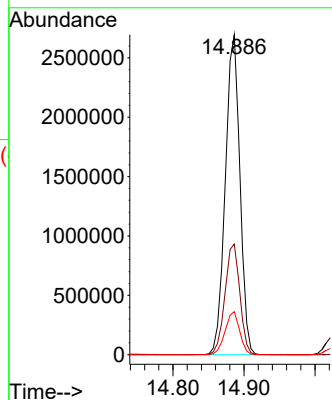
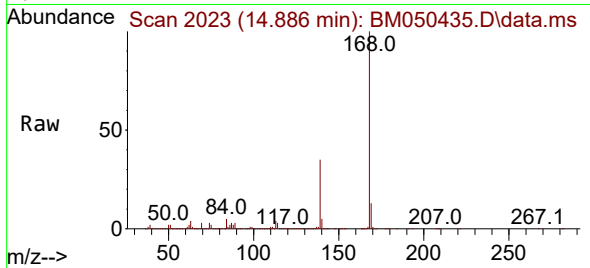




#55
Dibenzenofuran
Concen: 52.051 ng
RT: 14.886 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

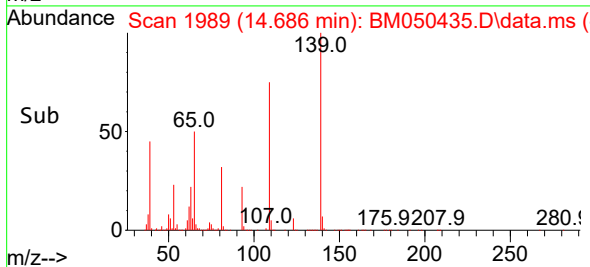
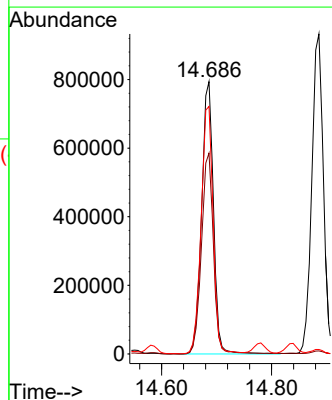
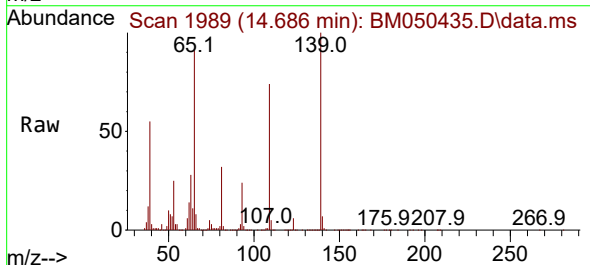
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

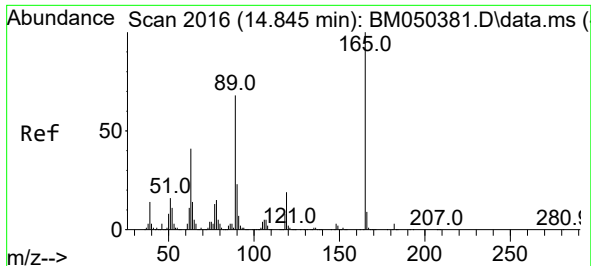
Tgt Ion:168 Resp: 3834970
Ion Ratio Lower Upper
168 100
139 34.6 27.7 41.5
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 116.400 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

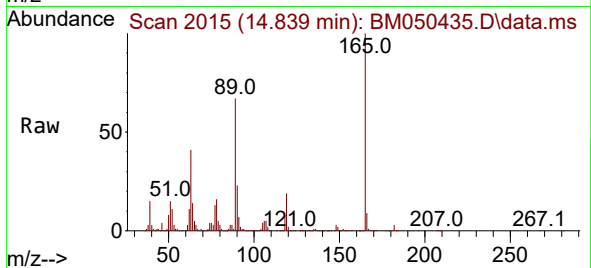
Tgt Ion:139 Resp: 1183901
Ion Ratio Lower Upper
139 100
109 73.7 56.5 96.5
65 90.9 76.4 116.4



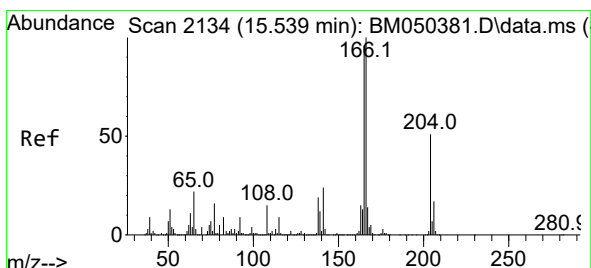
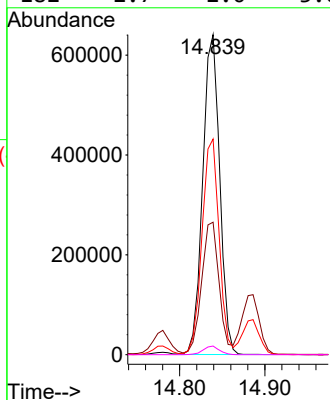
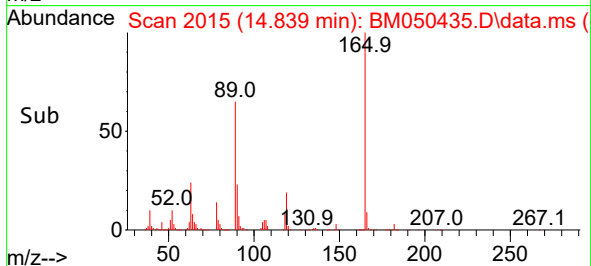


#57
2,4-Dinitrotoluene
Concen: 52.987 ng
RT: 14.839 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

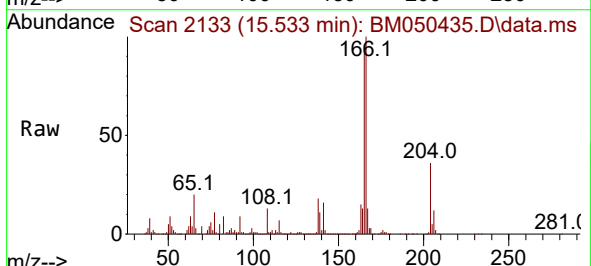
Instrument :
BNA_M
ClientSampleId :
PB168816BSD



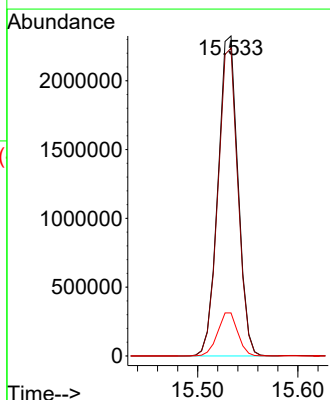
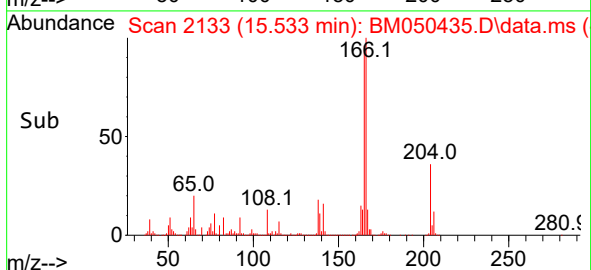
Tgt Ion:165 Resp: 887139
Ion Ratio Lower Upper
165 100
63 41.4 32.5 48.7
89 67.4 54.0 81.0
182 2.7 2.0 3.0

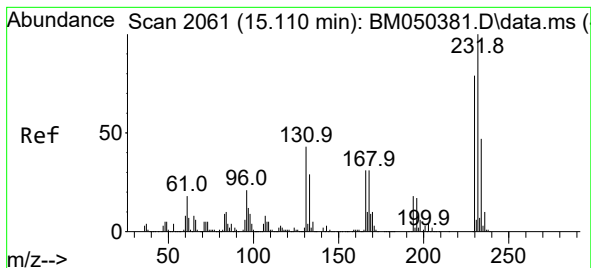


#58
Fluorene
Concen: 52.981 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55



Tgt Ion:166 Resp: 3215169
Ion Ratio Lower Upper
166 100
165 96.1 77.0 115.6
167 13.5 10.9 16.3

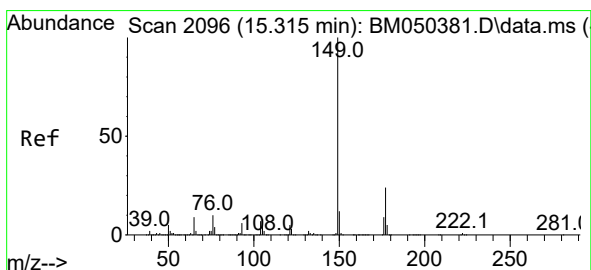
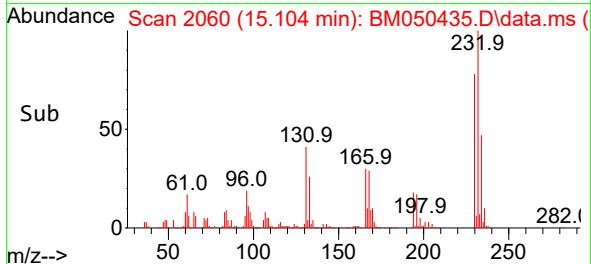
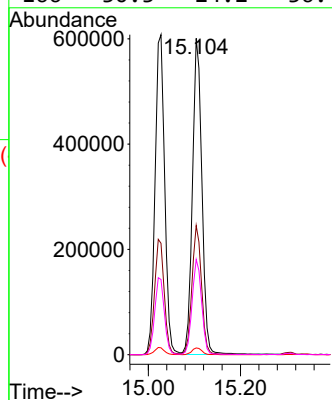
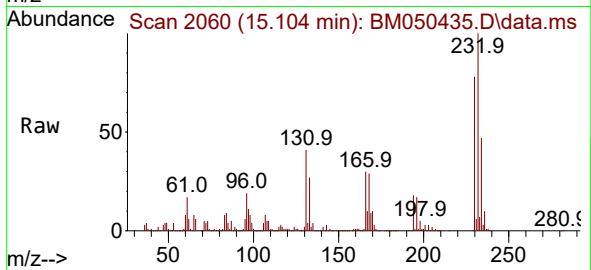




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.441 ng
RT: 15.104 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

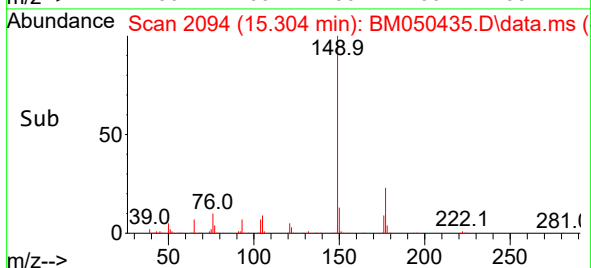
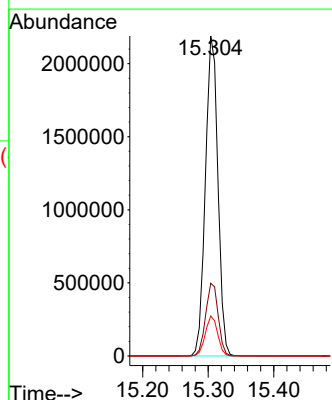
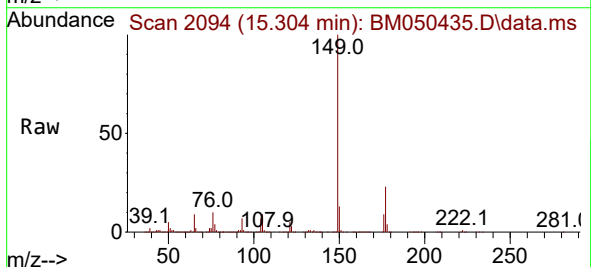
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

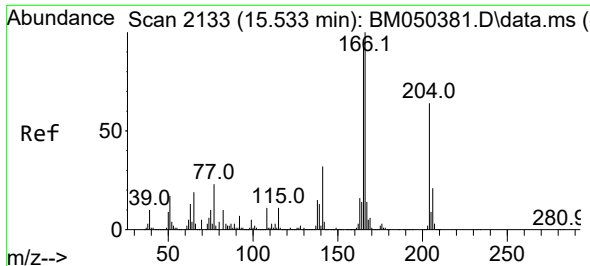
Tgt Ion:232 Resp: 854524
Ion Ratio Lower Upper
232 100
131 41.0 33.4 50.0
130 2.3 1.8 2.6
166 30.3 24.2 36.4



#60
Diethylphthalate
Concen: 52.545 ng
RT: 15.304 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:149 Resp: 2907229
Ion Ratio Lower Upper
149 100
177 22.7 18.8 28.2
150 12.5 9.8 14.8

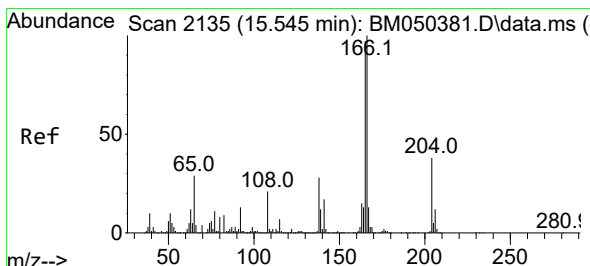
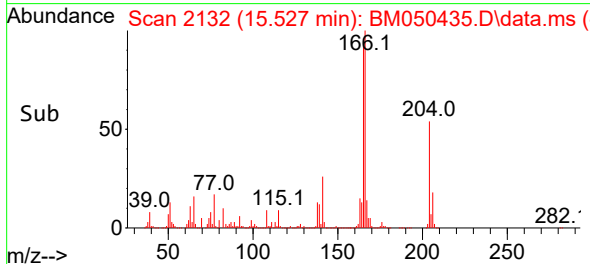
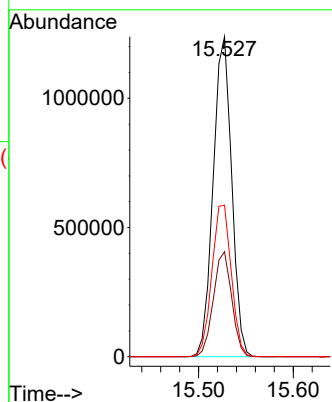
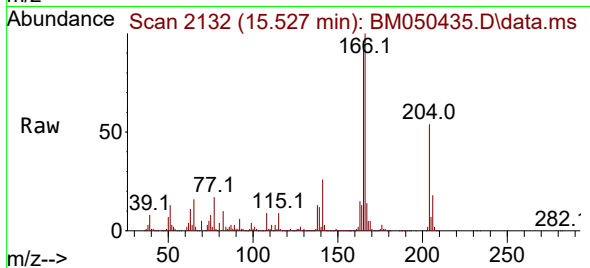




#61
4-Chlorophenyl-phenylether
Concen: 52.938 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

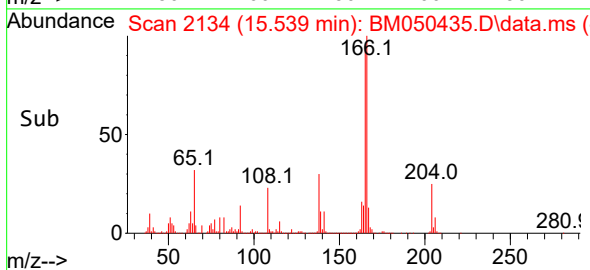
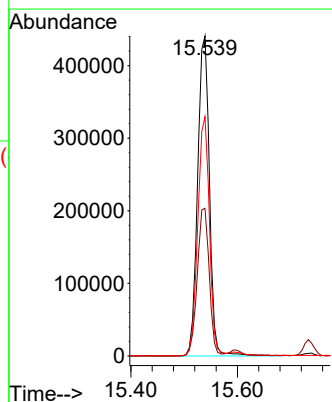
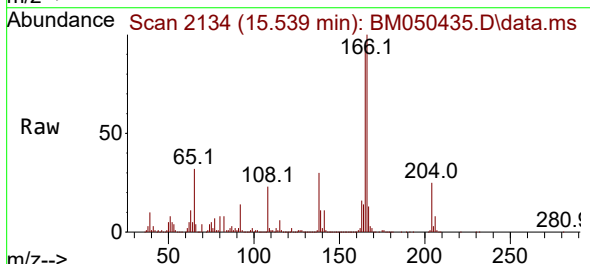
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

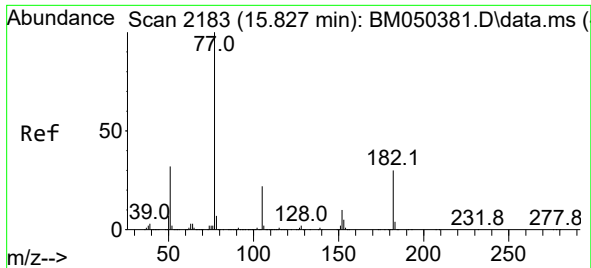
Tgt Ion:204 Resp: 1679835
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 47.4 39.9 59.9



#62
4-Nitroaniline
Concen: 49.732 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:138 Resp: 677557
Ion Ratio Lower Upper
138 100
92 46.2 24.5 64.5
108 74.7 52.5 92.5

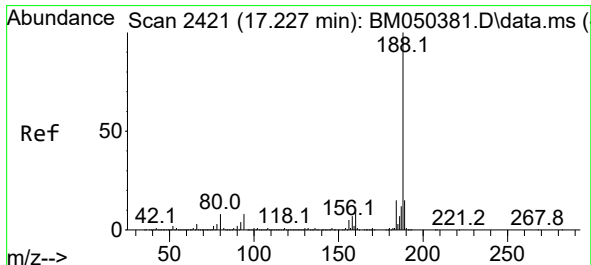
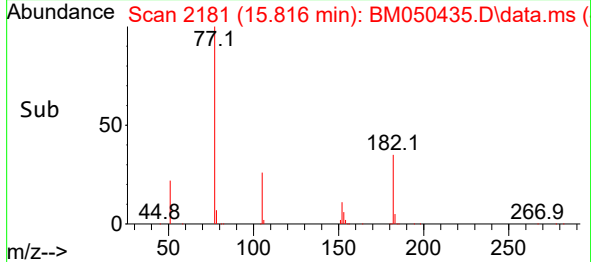
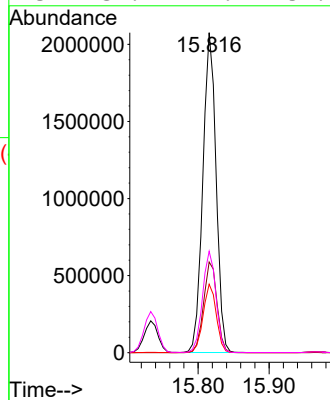
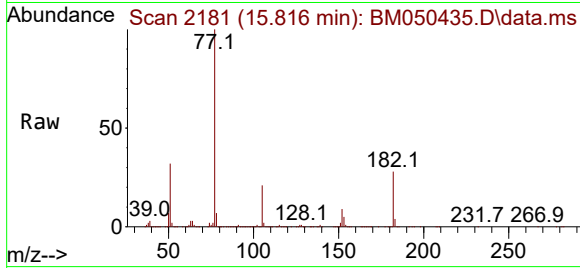




#63
Azobenzene
Concen: 53.132 ng
RT: 15.816 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

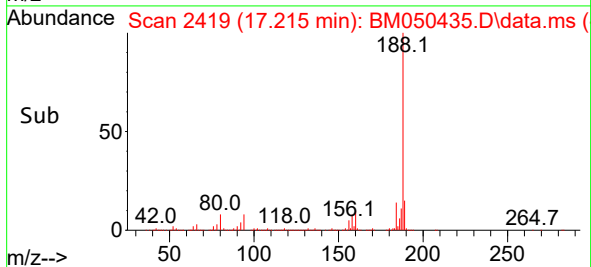
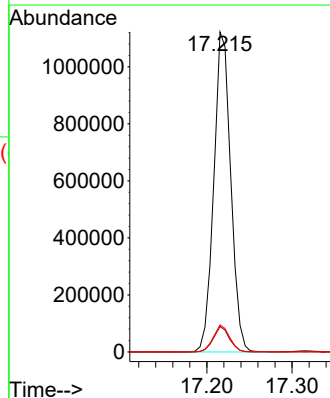
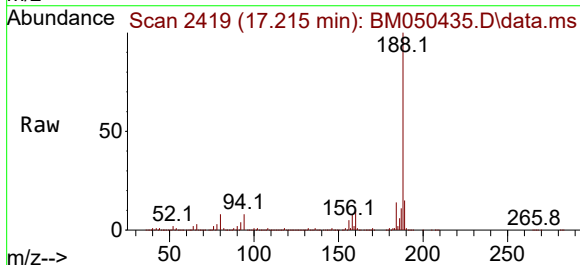
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

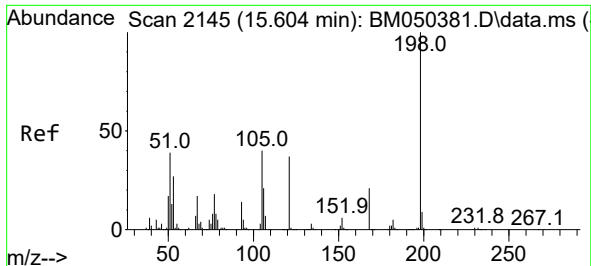
Tgt Ion: 77 Resp: 2699381
Ion Ratio Lower Upper
77 100
182 28.4 10.0 50.0
105 21.4 2.0 42.0
51 31.7 11.7 51.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:188 Resp: 1550470
Ion Ratio Lower Upper
188 100
94 7.9 6.0 9.0
80 8.5 6.5 9.7

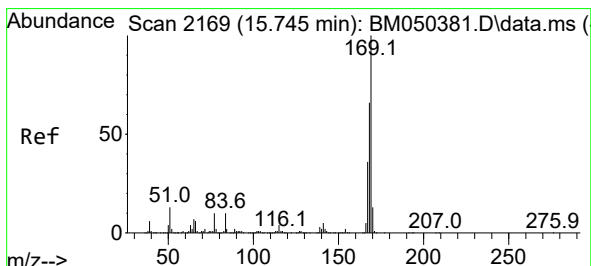
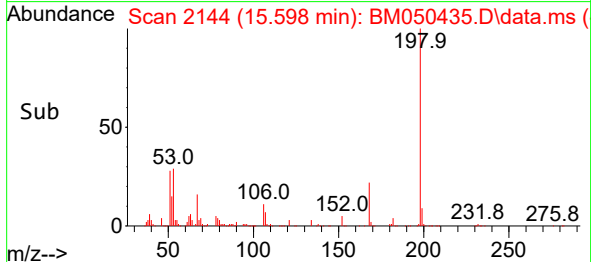
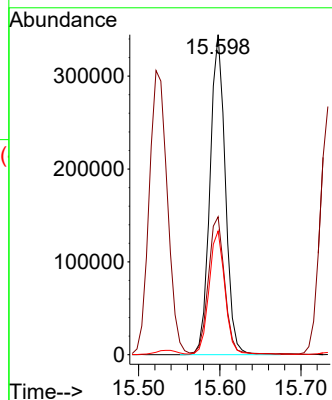
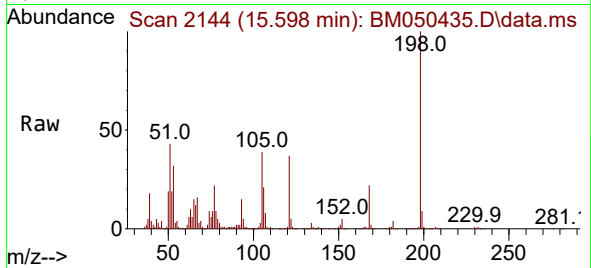




#65
4,6-Dinitro-2-methylphenol
Concen: 53.419 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

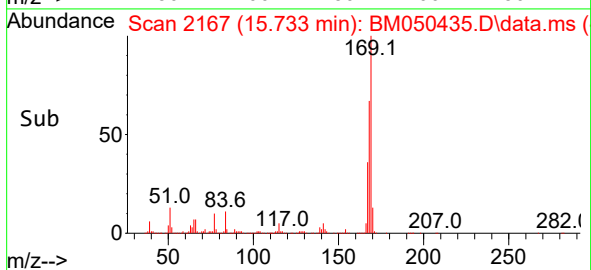
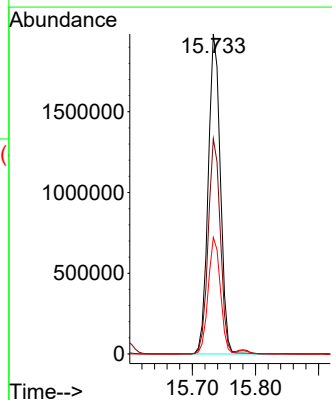
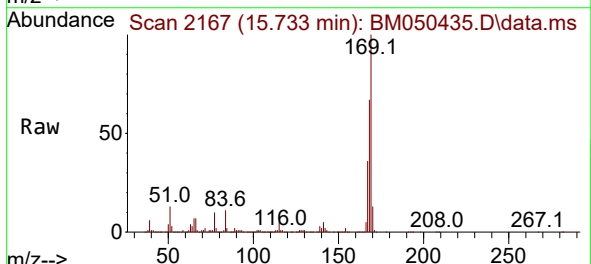
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

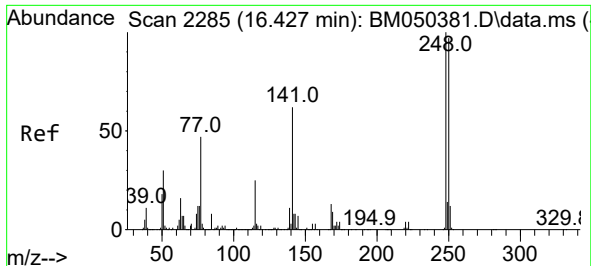
Tgt Ion:198 Resp: 452187
Ion Ratio Lower Upper
198 100
51 43.1 26.6 66.6
105 38.6 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 54.516 ng
RT: 15.733 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:169 Resp: 2644917
Ion Ratio Lower Upper
169 100
168 67.2 53.2 79.8
167 36.4 28.7 43.1

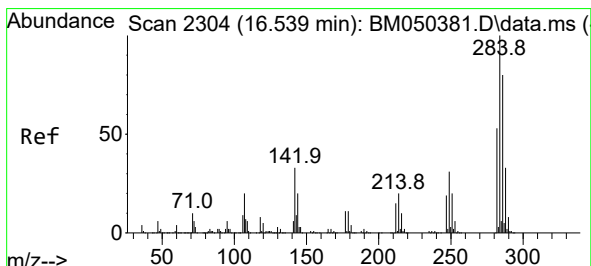
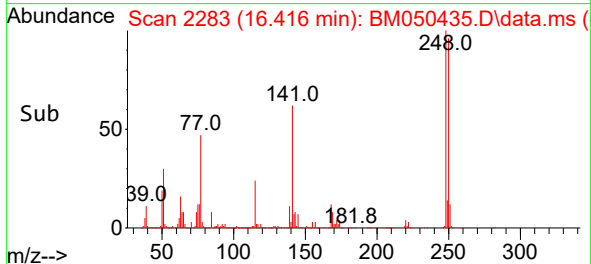
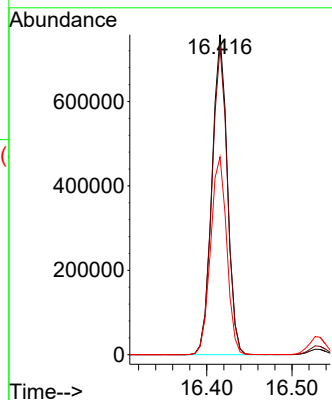
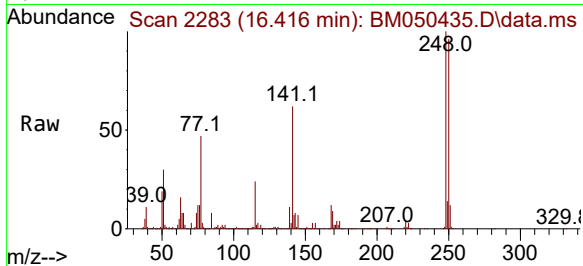




#67
4-Bromophenyl-phenylether
Concen: 55.664 ng
RT: 16.416 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

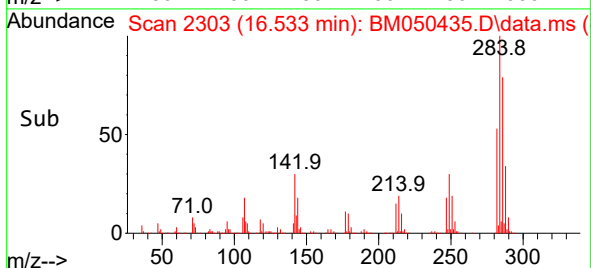
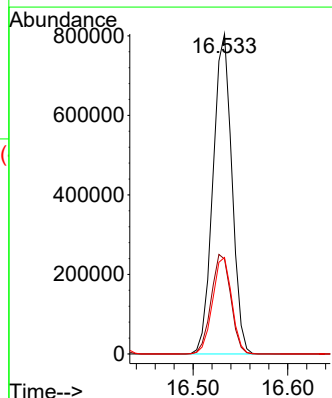
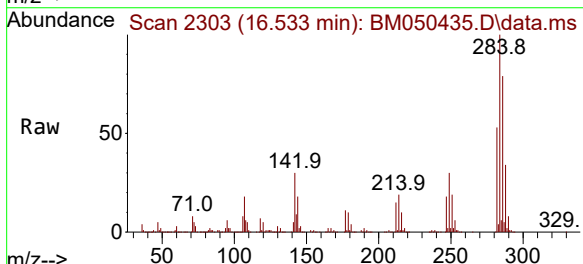
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

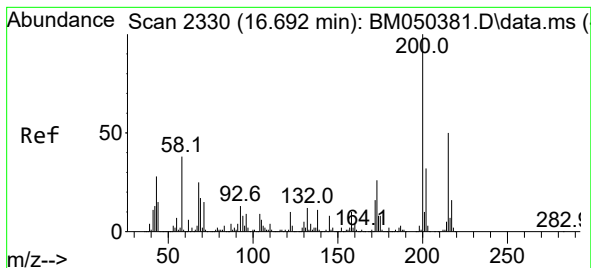
Tgt Ion:248 Resp: 950891
Ion Ratio Lower Upper
248 100
250 96.2 77.9 116.9
141 61.8 49.7 74.5



#68
Hexachlorobenzene
Concen: 55.050 ng
RT: 16.533 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:284 Resp: 1110677
Ion Ratio Lower Upper
284 100
142 29.6 26.8 40.2
249 30.2 24.5 36.7





#69

Atrazine

Concen: 56.882 ng

RT: 16.680 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

Instrument :

BNA_M

ClientSampleId :

PB168816BSD

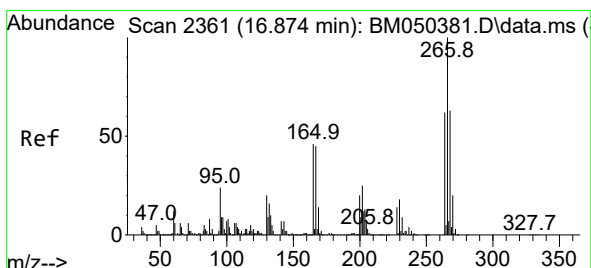
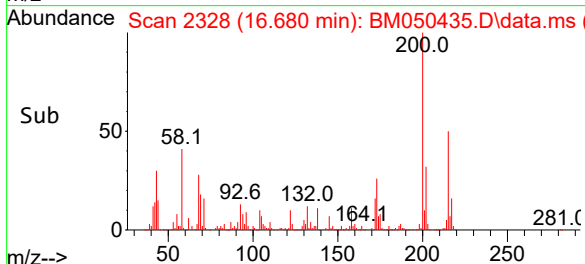
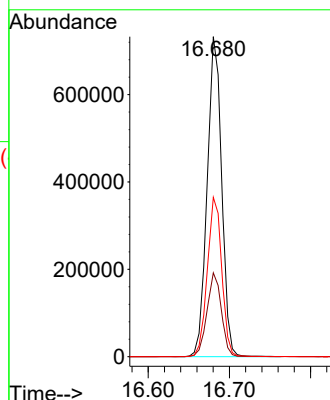
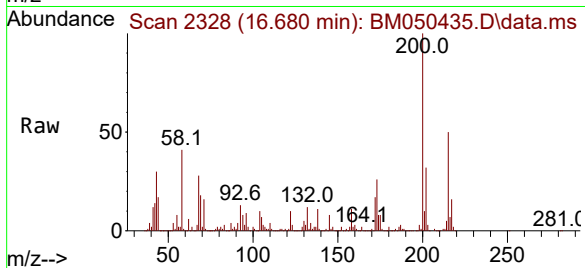
Tgt Ion:200 Resp: 906206

Ion Ratio Lower Upper

200 100

173 26.2 5.6 45.6

215 49.8 29.6 69.6



#70

Pentachlorophenol

Concen: 124.193 ng

RT: 16.868 min Scan# 2360

Delta R.T. -0.006 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

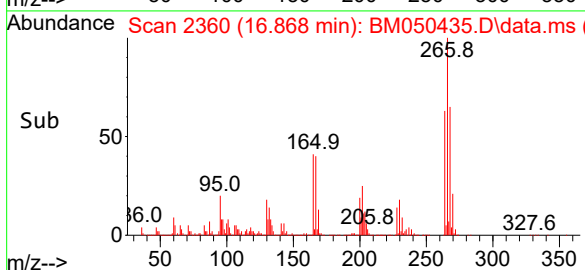
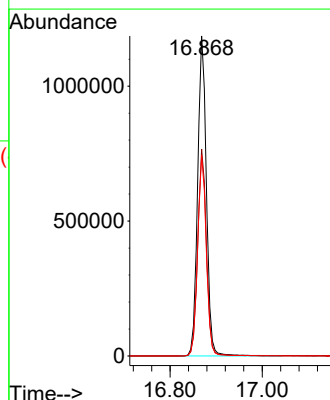
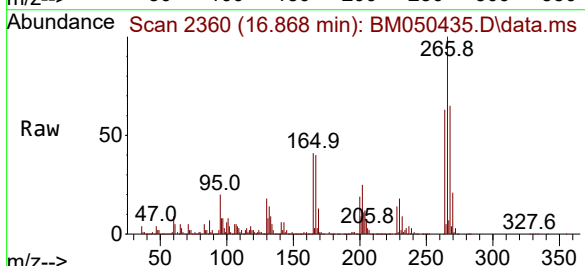
Tgt Ion:266 Resp: 1559824

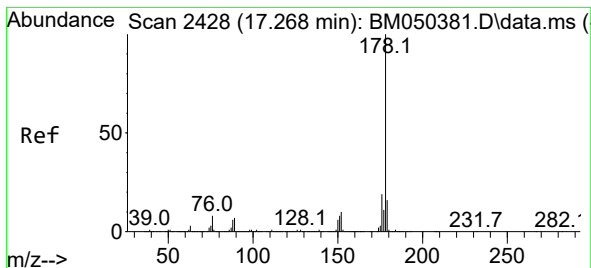
Ion Ratio Lower Upper

266 100

268 64.6 50.5 75.7

264 62.7 49.9 74.9





#71

Phenanthrene

Concen: 53.179 ng

RT: 17.262 min Scan# 2428

Delta R.T. -0.006 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

Instrument :

BNA_M

ClientSampleId :

PB168816BSD

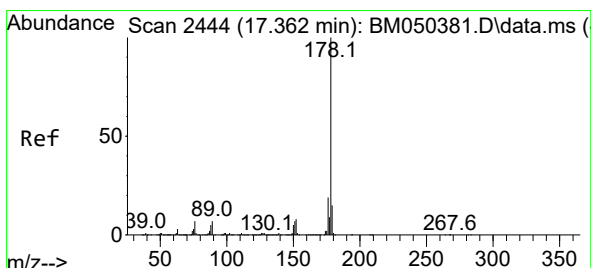
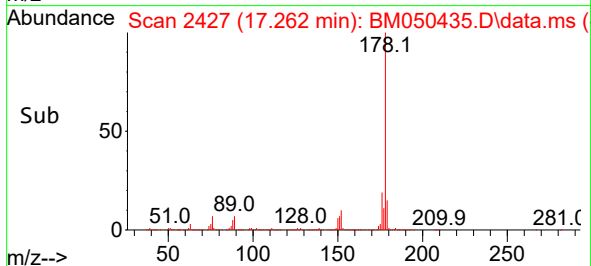
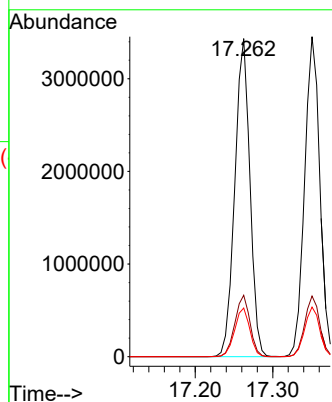
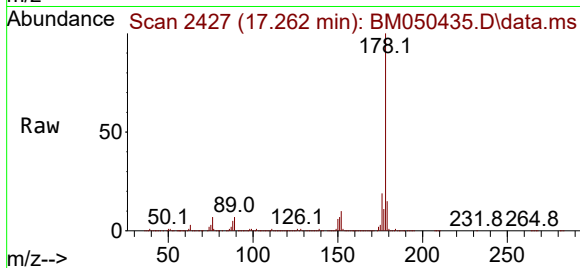
Tgt Ion:178 Resp: 4665654

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.3 12.5 18.7



#72

Anthracene

Concen: 54.286 ng

RT: 17.351 min Scan# 2442

Delta R.T. -0.012 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

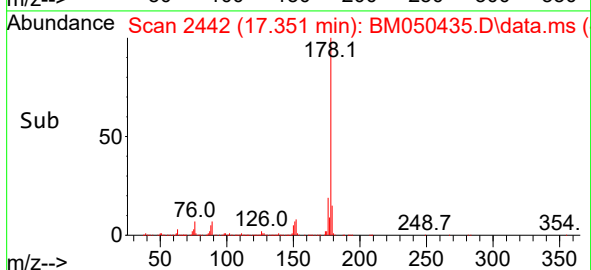
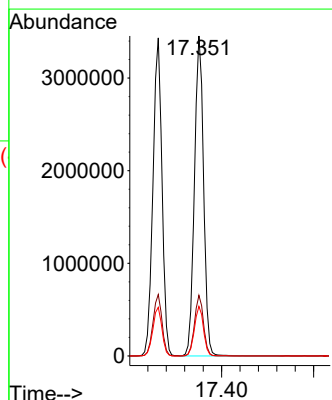
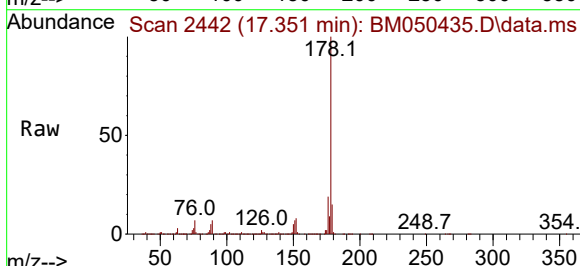
Tgt Ion:178 Resp: 4740823

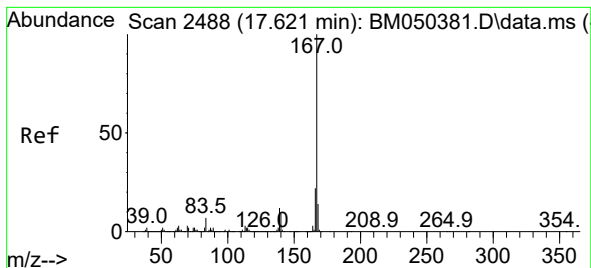
Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

179 15.5 12.2 18.4





#73

Carbazole

Concen: 54.767 ng

RT: 17.615 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

Instrument :

BNA_M

ClientSampleId :

PB168816BSD

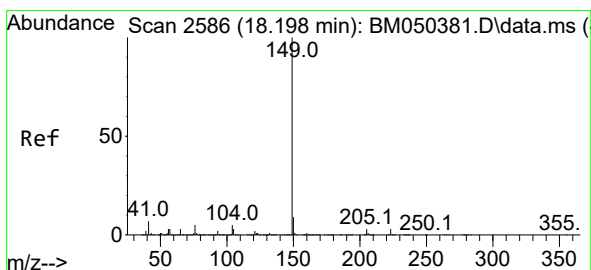
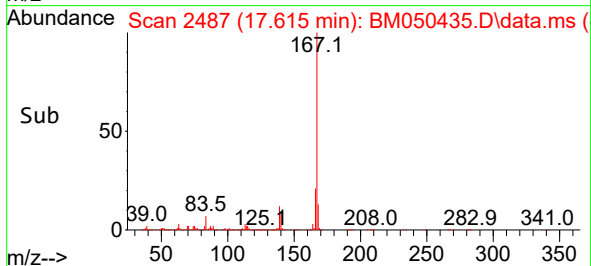
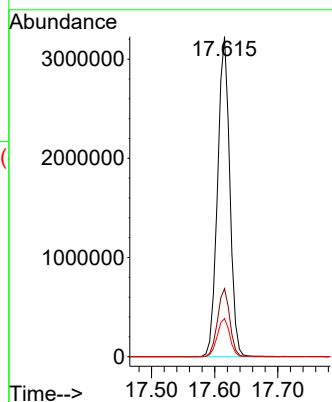
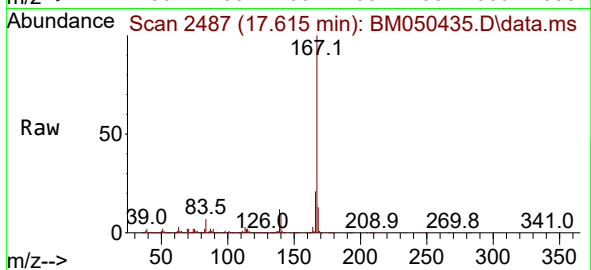
Tgt Ion:167 Resp: 4327649

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

139 11.9 9.9 14.9



#74

Di-n-butylphthalate

Concen: 54.857 ng

RT: 18.186 min Scan# 2584

Delta R.T. -0.012 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

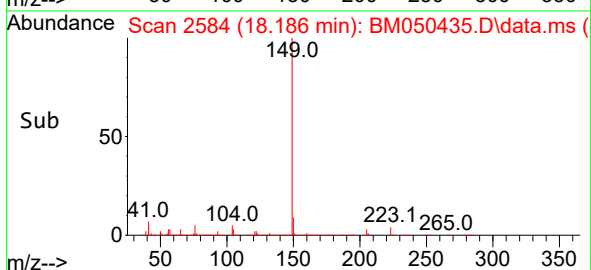
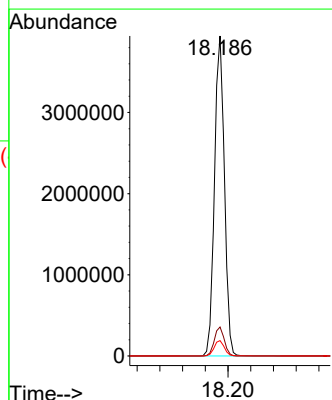
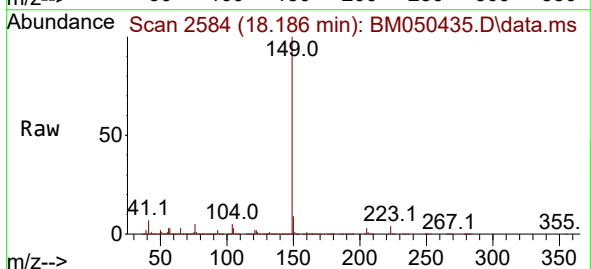
Tgt Ion:149 Resp: 4744543

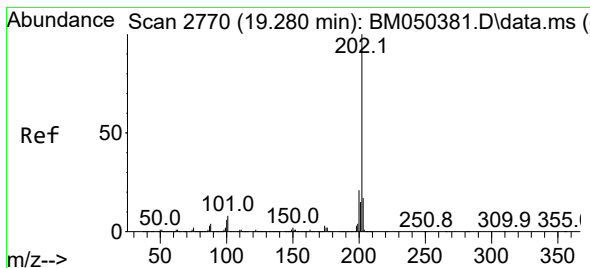
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 4.8 3.9 5.9

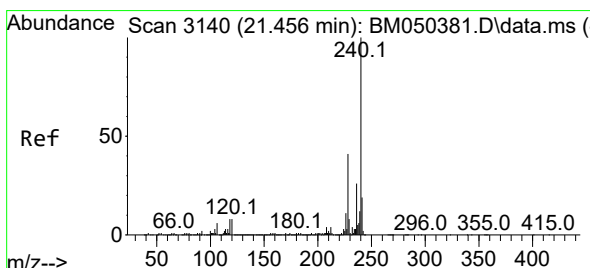
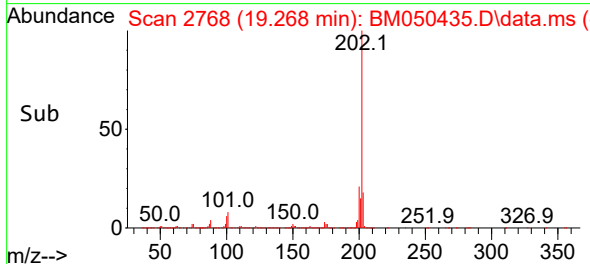
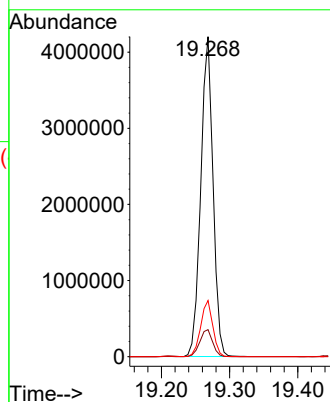
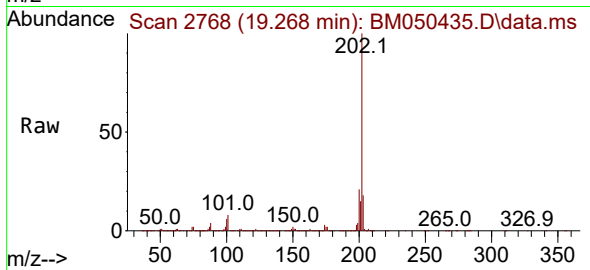




#75
Fluoranthene
Concen: 55.035 ng
RT: 19.268 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

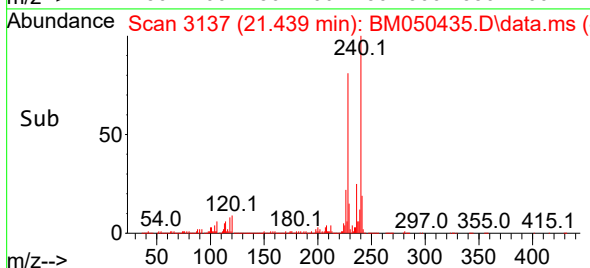
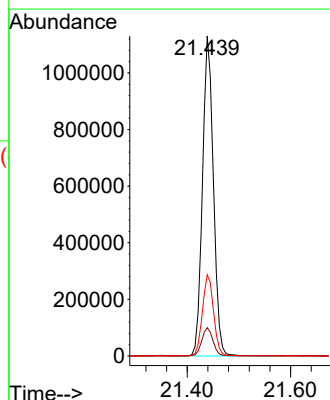
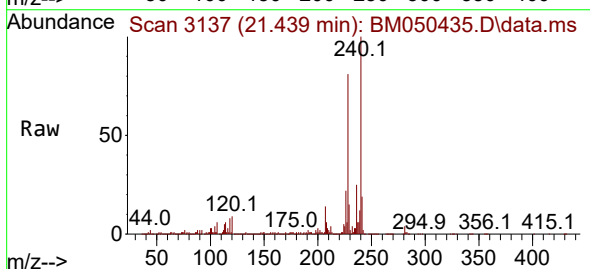
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

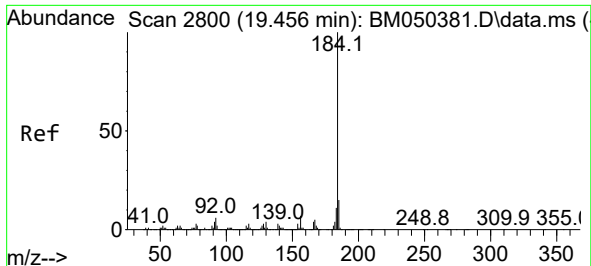
Tgt Ion:202 Resp: 5249120
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.3
203 17.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. -0.017 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:240 Resp: 1658930
Ion Ratio Lower Upper
240 100
120 8.8 6.7 10.1
236 25.4 20.7 31.1

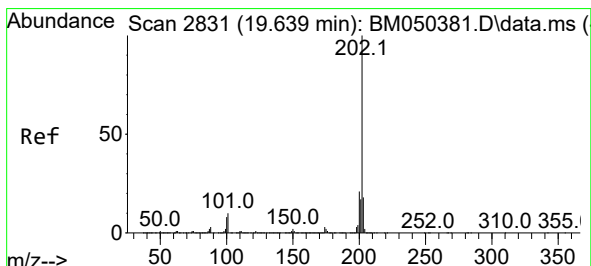
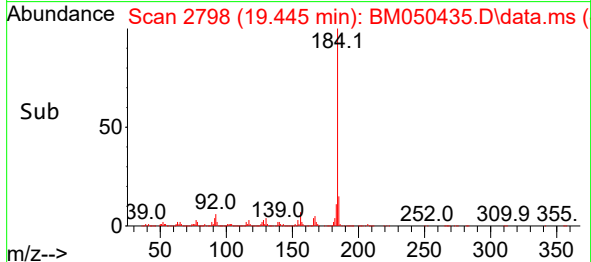
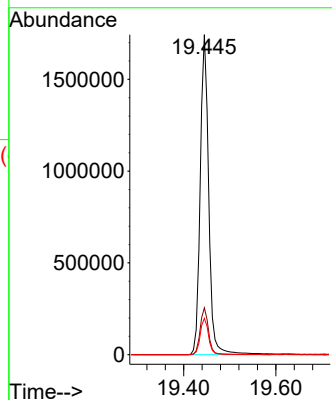
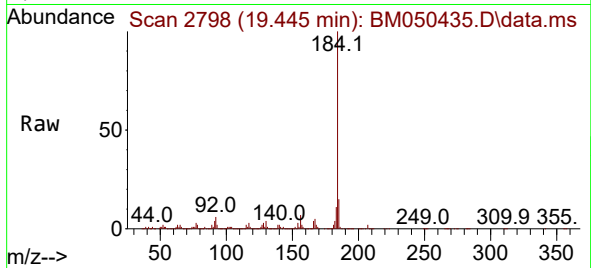




#77
Benzidine
Concen: 52.777 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

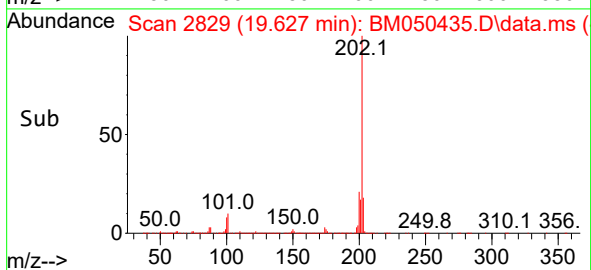
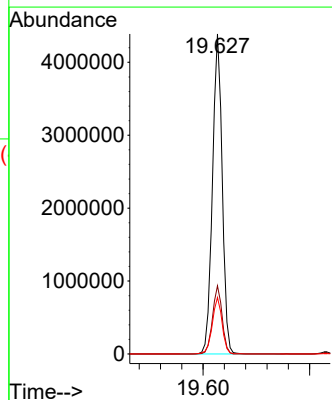
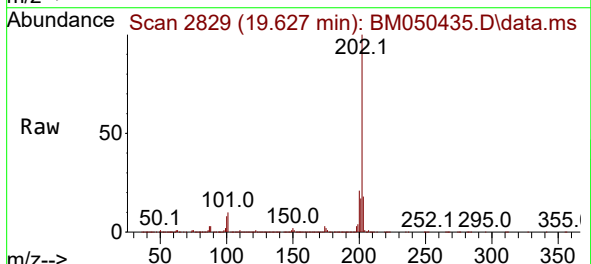
Instrument :
BNA_M
ClientSampleId :
PB168816BSD

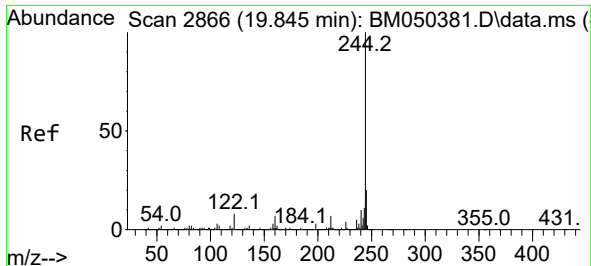
Tgt Ion:184 Resp: 2233181
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.4 9.0 13.6



#78
Pyrene
Concen: 52.333 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:202 Resp: 5560223
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.7 14.1 21.1

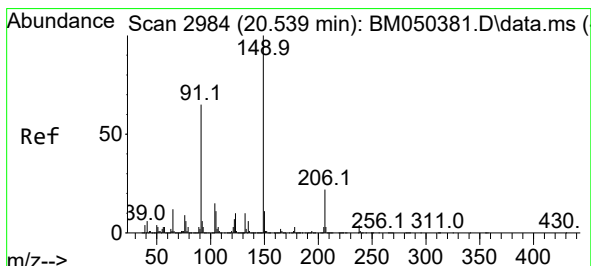
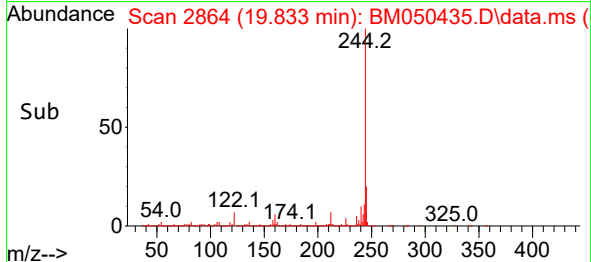
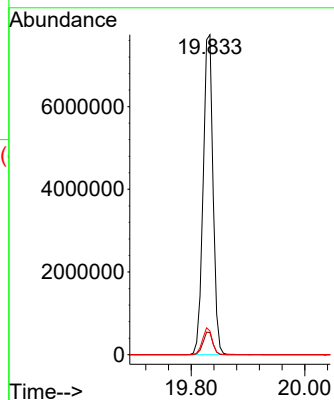
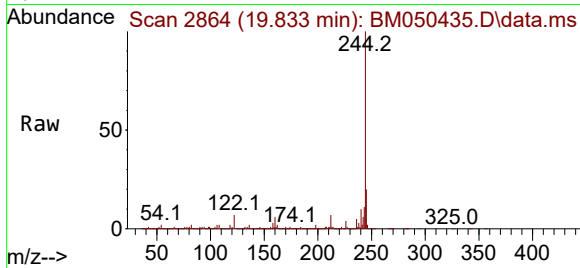




#79
 Terphenyl-d14
 Concen: 98.674 ng
 RT: 19.833 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050435.D
 Acq: 14 Jul 2025 20:55

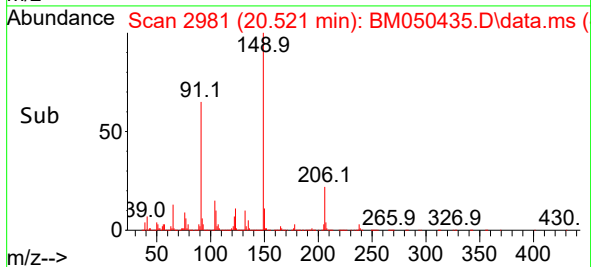
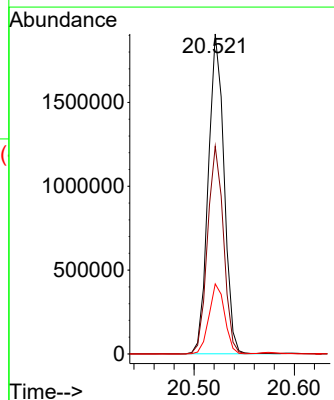
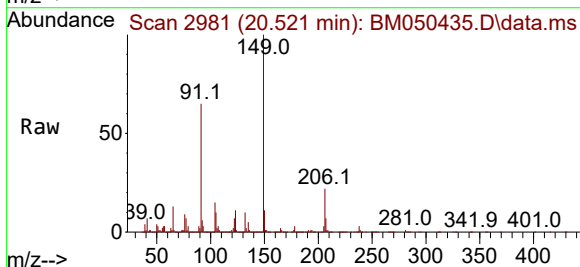
Instrument :
 BNA_M
 ClientSampleId :
 PB168816BSD

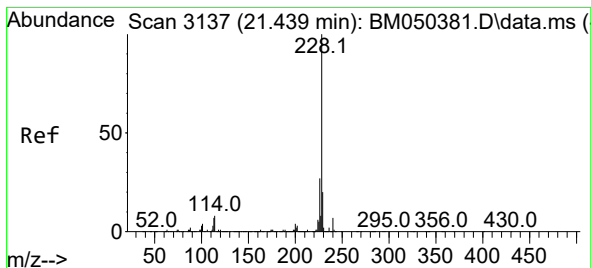
Tgt Ion:244 Resp: 9303616
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 7.4 6.2 9.2



#80
 Butylbenzylphthalate
 Concen: 59.863 ng
 RT: 20.521 min Scan# 2981
 Delta R.T. -0.017 min
 Lab File: BM050435.D
 Acq: 14 Jul 2025 20:55

Tgt Ion:149 Resp: 2097151
 Ion Ratio Lower Upper
 149 100
 91 64.9 51.6 77.4
 206 21.9 17.8 26.8





#81

Benzo(a)anthracene

Concen: 55.520 ng

RT: 21.421 min Scan# 31

Delta R.T. -0.017 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

Instrument :

BNA_M

ClientSampleId :

PB168816BSD

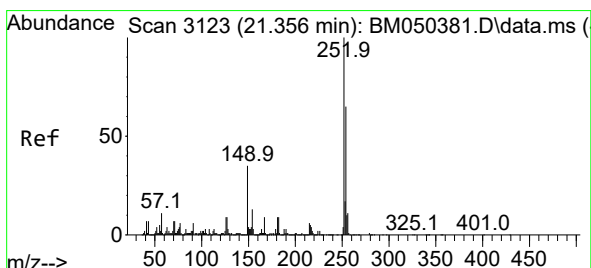
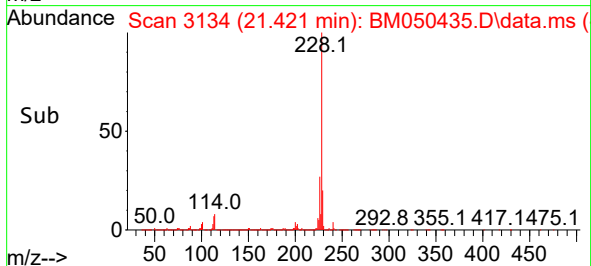
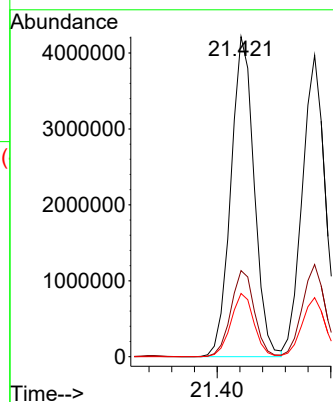
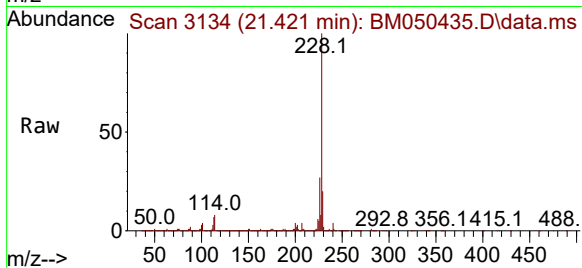
Tgt Ion:228 Resp: 6001174

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

229 19.7 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 36.617 ng

RT: 21.345 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

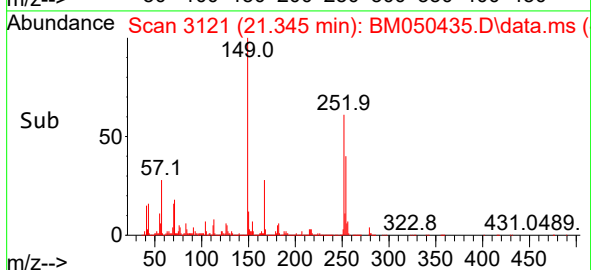
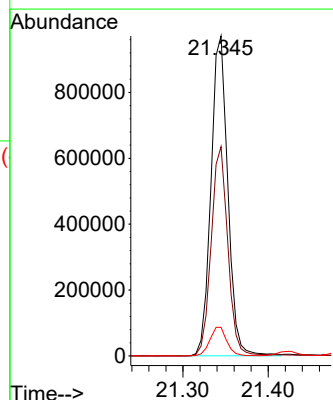
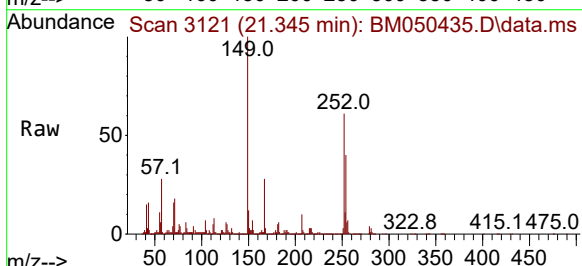
Tgt Ion:252 Resp: 1334742

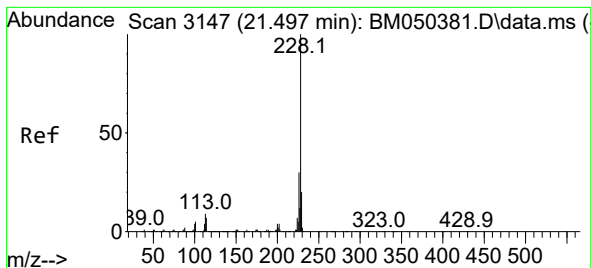
Ion Ratio Lower Upper

252 100

254 65.4 51.7 77.5

126 8.9 7.3 10.9





#83

Chrysene

Concen: 54.784 ng

RT: 21.486 min Scan# 3145

Delta R.T. -0.012 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

Instrument :

BNA_M

ClientSampleId :

PB168816BSD

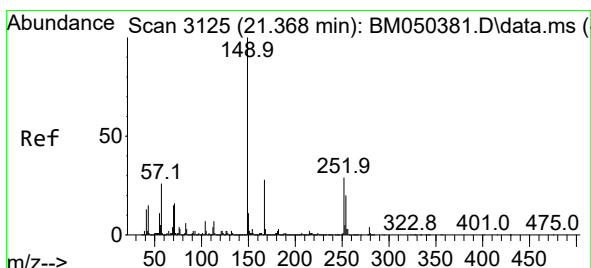
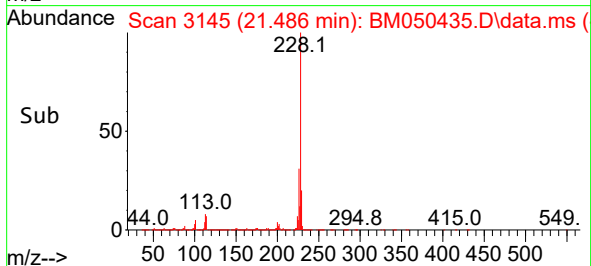
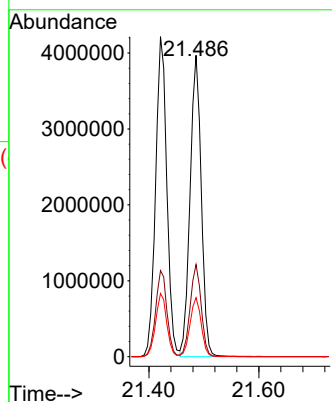
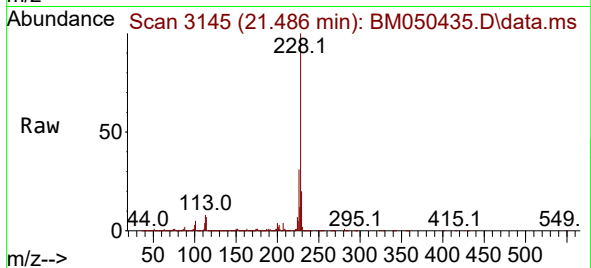
Tgt Ion:228 Resp: 5585343

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.733 ng

RT: 21.350 min Scan# 3122

Delta R.T. -0.017 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

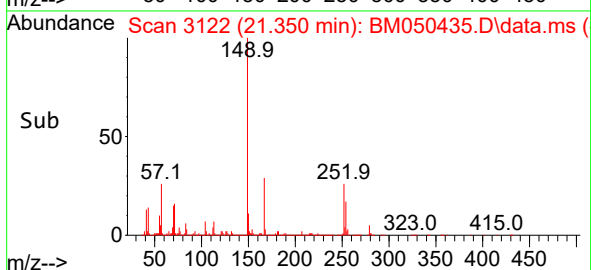
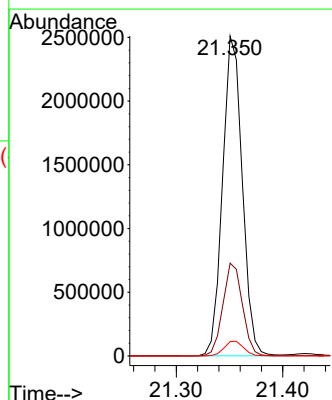
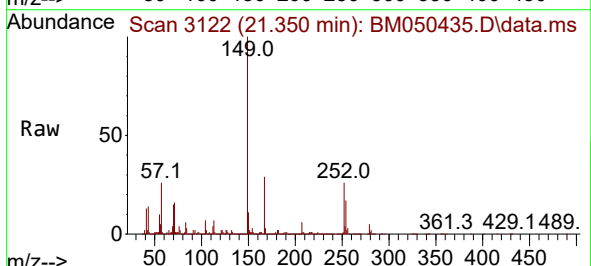
Tgt Ion:149 Resp: 3210717

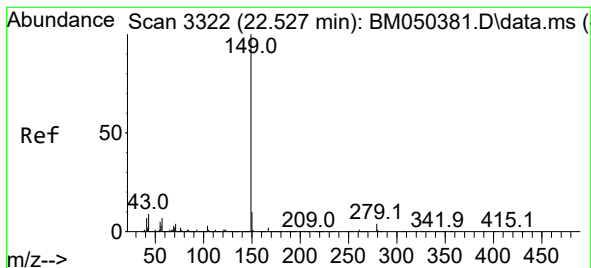
Ion Ratio Lower Upper

149 100

167 29.0 22.7 34.1

279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 61.524 ng

RT: 22.497 min Scan# 31

Delta R.T. -0.029 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

Instrument :

BNA_M

ClientSampleId :

PB168816BSD

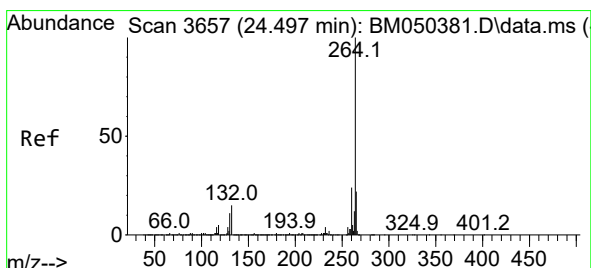
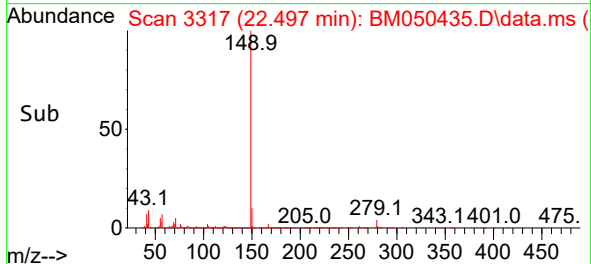
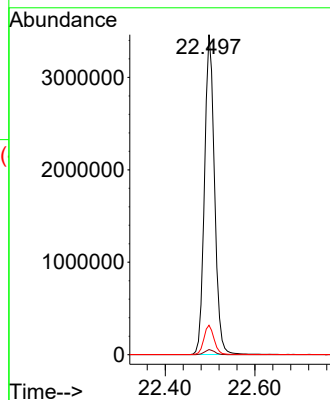
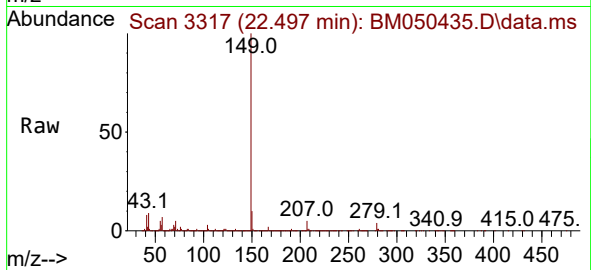
Tgt Ion:149 Resp: 5358933

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.4 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.468 min Scan# 3652

Delta R.T. -0.029 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

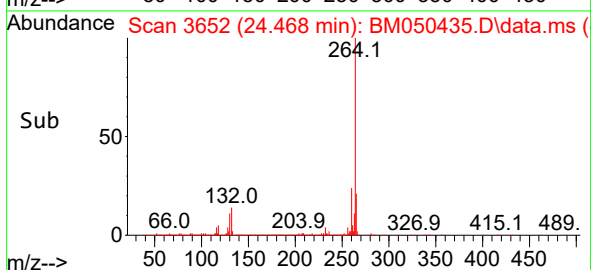
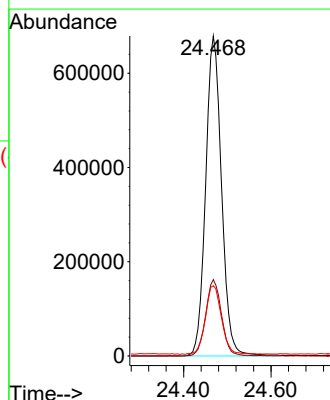
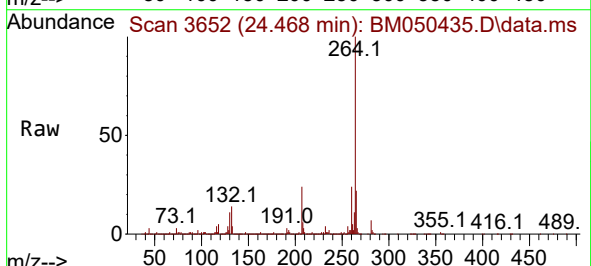
Tgt Ion:264 Resp: 1714878

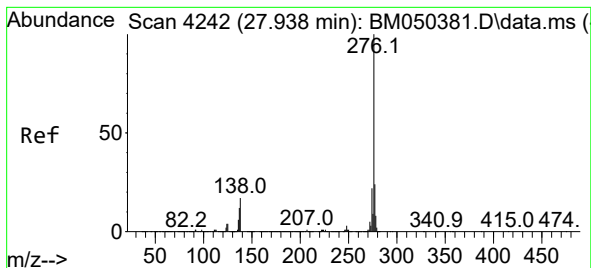
Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.930 ng

RT: 27.903 min Scan# 41

Delta R.T. -0.035 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

Instrument :

BNA_M

ClientSampleId :

PB168816BSD

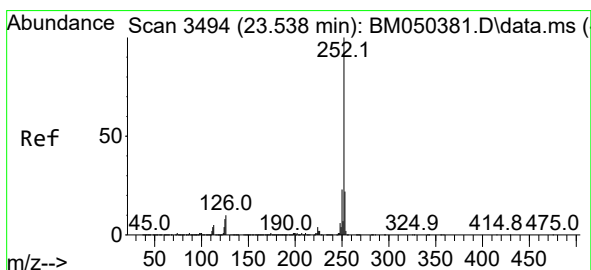
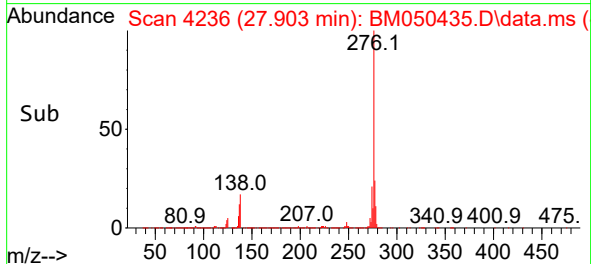
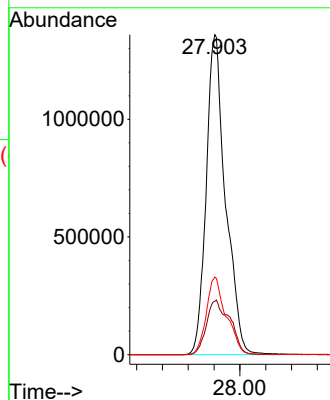
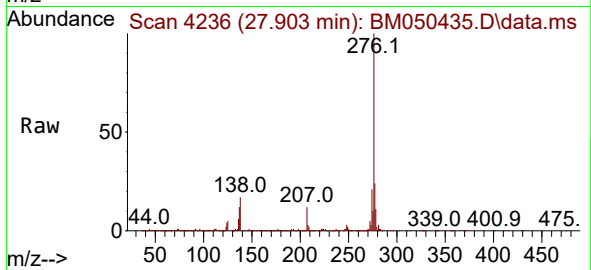
Tgt Ion:276 Resp: 7063224

Ion Ratio Lower Upper

276 100

138 20.8 17.0 25.6

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 56.163 ng

RT: 23.515 min Scan# 3490

Delta R.T. -0.023 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

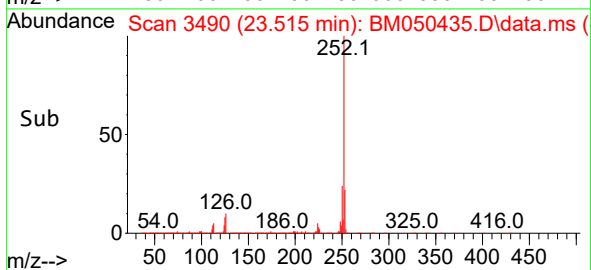
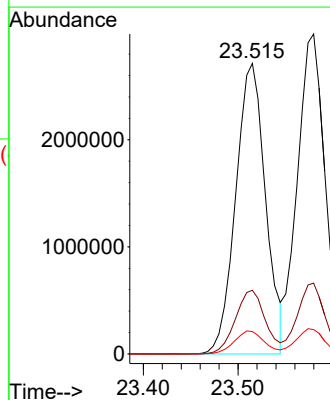
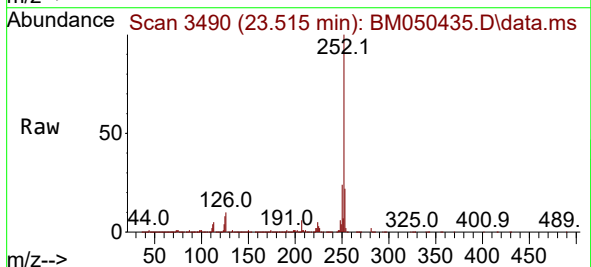
Tgt Ion:252 Resp: 5924153

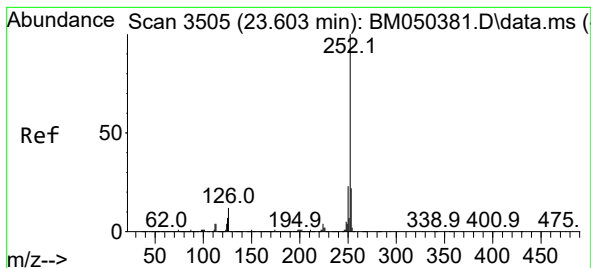
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 7.7 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 55.801 ng

RT: 23.580 min Scan# 3

Delta R.T. -0.023 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

Instrument :

BNA_M

ClientSampleId :

PB168816BSD

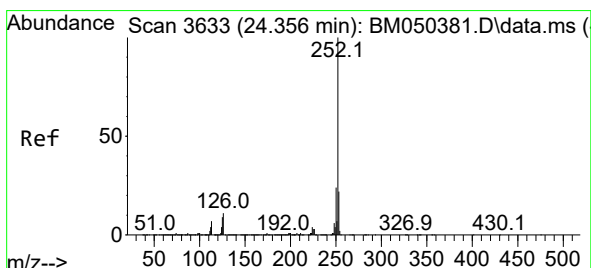
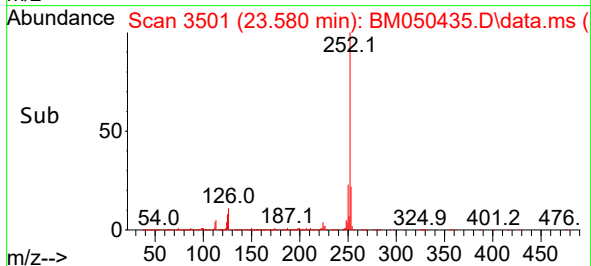
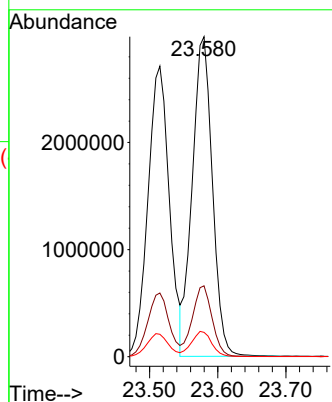
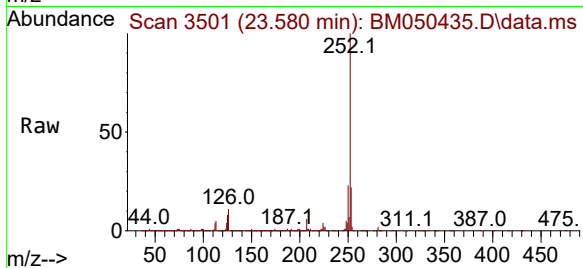
Tgt Ion:252 Resp: 6107434

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 7.6 6.2 9.2



#90

Benzo(a)pyrene

Concen: 57.808 ng

RT: 24.333 min Scan# 3629

Delta R.T. -0.023 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

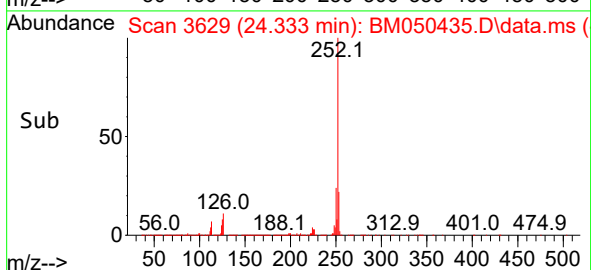
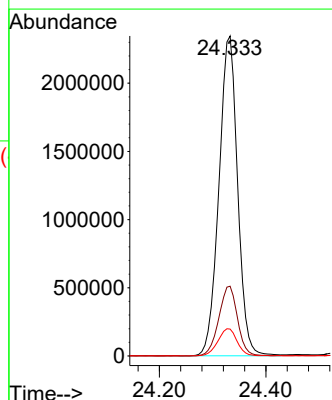
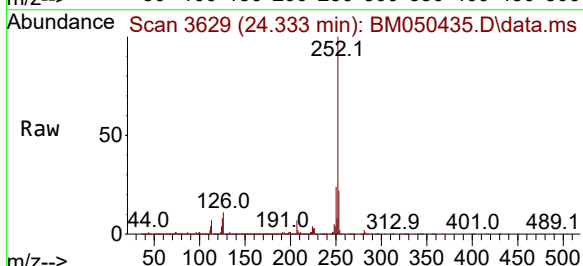
Tgt Ion:252 Resp: 5708080

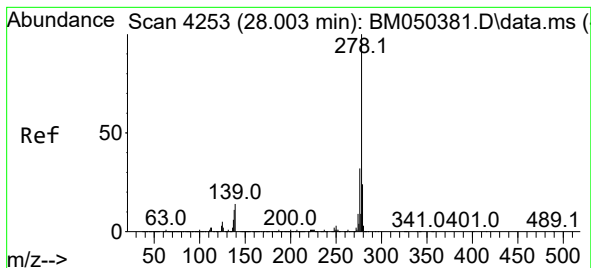
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 8.4 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 57.737 ng

RT: 27.962 min Scan# 41

Delta R.T. -0.041 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

Instrument :

BNA_M

ClientSampleId :

PB168816BSD

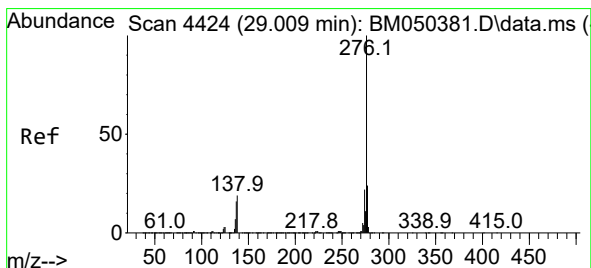
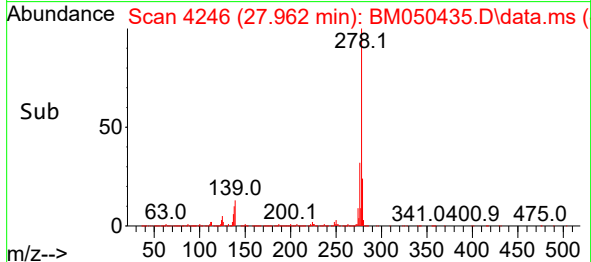
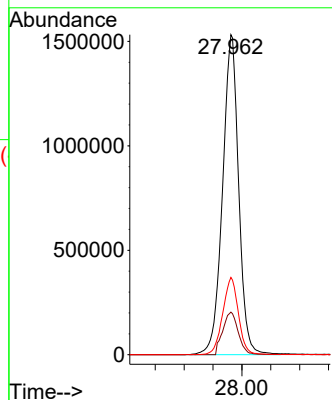
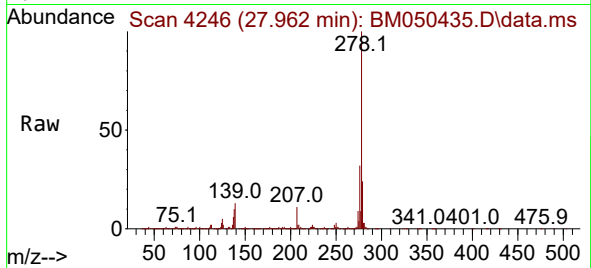
Tgt Ion:278 Resp: 5928579

Ion Ratio Lower Upper

278 100

139 13.3 10.8 16.2

279 24.2 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 57.795 ng

RT: 28.968 min Scan# 4417

Delta R.T. -0.041 min

Lab File: BM050435.D

Acq: 14 Jul 2025 20:55

Tgt Ion:276 Resp: 5608837

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 17.7 14.9 22.3

