

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
 Data File : BM049935.D
 Acq On : 15 Apr 2025 15:15
 Operator : RC/JU
 Sample : Q1787-09MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1MS

Quant Time: Apr 15 15:54:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	471909	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1529934	20.000	ng	-0.01
39) Acenaphthene-d10	14.415	164	896727	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1636789	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1803883	20.000	ng	0.00
86) Perylene-d12	24.409	264	1999768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2362399	85.006	ng	0.00
7) Phenol-d6	6.951	99	2843379	82.233	ng	0.00
23) Nitrobenzene-d5	8.928	82	1661249	60.465	ng	0.00
42) 2,4,6-Tribromophenol	15.909	330	1101641	84.461	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	3839694	58.063	ng	-0.01
79) Terphenyl-d14	19.786	244	4644165	48.248	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	421383	36.817	ng	98
3) Pyridine	3.651	79	1152775	38.335	ng	98
4) n-Nitrosodimethylamine	3.563	42	476650	41.652	ng	96
6) Aniline	7.098	93	634478	21.415	ng	100
8) 2-Chlorophenol	7.339	128	1192844	41.883	ng	99
9) Benzaldehyde	6.910	77	613209	34.559	ng	96
10) Phenol	6.981	94	1404200	41.616	ng	98
11) bis(2-Chloroethyl)ether	7.192	93	1118714	42.279	ng	99
12) 1,3-Dichlorobenzene	7.663	146	1419614	42.161	ng	99
13) 1,4-Dichlorobenzene	7.804	146	1420491	41.927	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1352665	42.388	ng	100
15) Benzyl Alcohol	8.016	79	889155	40.837	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.292	45	1253822	42.513	ng	100
17) 2-Methylphenol	8.222	107	888729	42.741	ng	99
18) Hexachloroethane	8.851	117	484260	41.083	ng	94
19) n-Nitroso-di-n-propyla...	8.581	70	766385	40.019	ng	98
20) 3+4-Methylphenols	8.551	107	1170172	41.278	ng	99
22) Acetophenone	8.592	105	1570534	42.239	ng	99
24) Nitrobenzene	8.969	77	1117291	42.233	ng	99
25) Isophorone	9.498	82	2056831	44.689	ng	100
26) 2-Nitrophenol	9.680	139	613317	43.740	ng	100
27) 2,4-Dimethylphenol	9.751	122	976211	61.432	ng	99
28) bis(2-Chloroethoxy)met...	9.975	93	1302868	42.283	ng	100
29) 2,4-Dichlorophenol	10.222	162	1118435	42.341	ng	99
30) 1,2,4-Trichlorobenzene	10.433	180	1325327	43.371	ng	99
31) Naphthalene	10.616	128	3321524	42.251	ng	100
32) Benzoic acid	9.875	122	420614m	26.094	ng	
33) 4-Chloroaniline	10.733	127	430981	15.525	ng	99
34) Hexachlorobutadiene	10.904	225	850705	45.006	ng	99
35) Caprolactam	11.522	113	277613	36.644	ng	99
36) 4-Chloro-3-methylphenol	11.869	107	909242	39.297	ng	97
37) 2-Methylnaphthalene	12.233	142	2142160	38.675	ng	99
38) 1-Methylnaphthalene	12.451	142	2189287	40.571	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1427199	45.493	ng	99
41) Hexachlorocyclopentadiene	12.586	237	1087746	98.950	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	899272	45.047	ng	100

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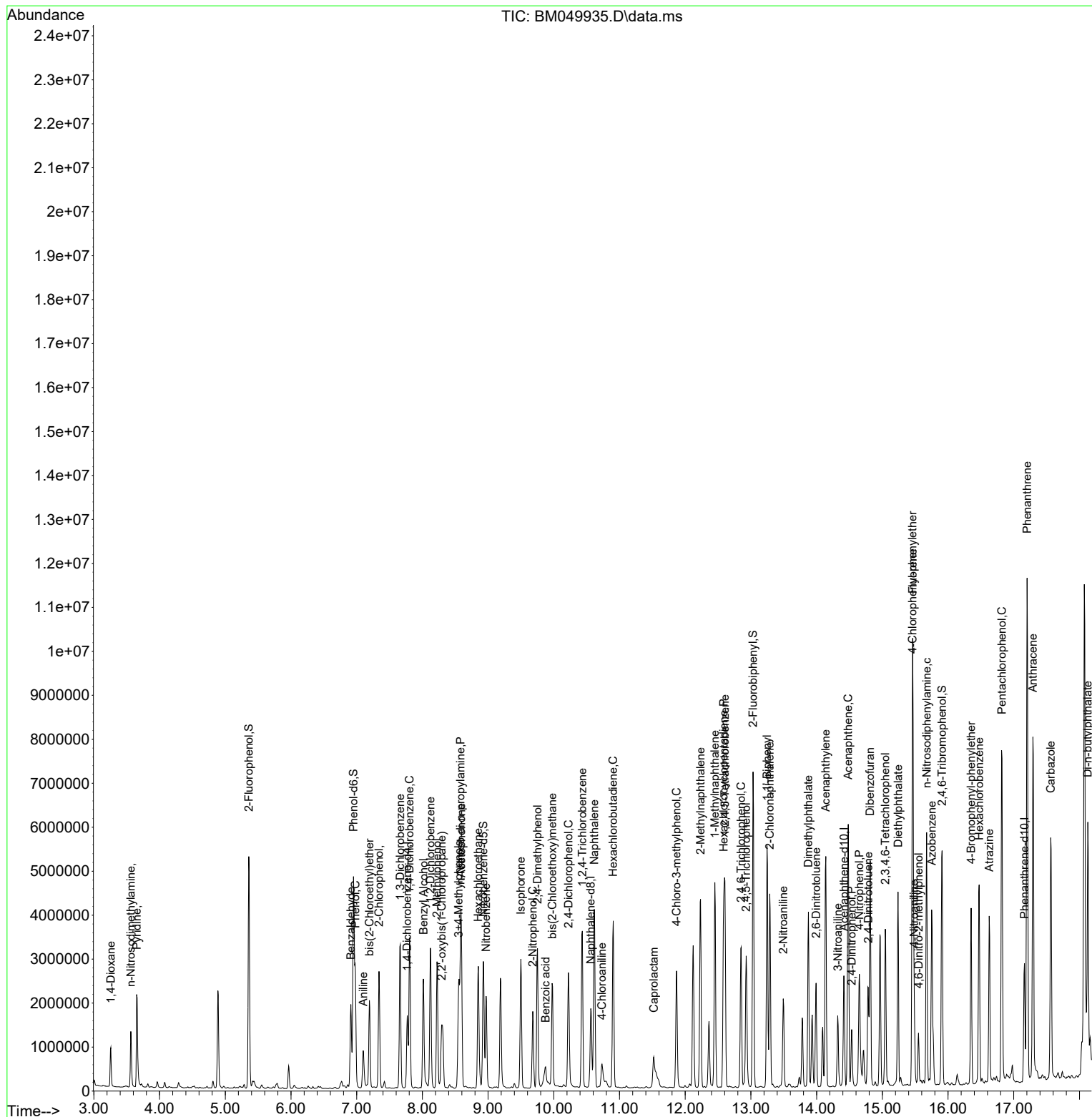
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	949395	43.763	ng	100
46) 1,1'-Biphenyl	13.245	154	2914613	43.724	ng	100
47) 2-Chloronaphthalene	13.286	162	2301433	43.926	ng	99
48) 2-Nitroaniline	13.492	65	539193	44.484	ng	97
49) Acenaphthylene	14.139	152	3949827	51.754	ng	100
50) Dimethylphthalate	13.874	163	2611021	41.273	ng	99
51) 2,6-Dinitrotoluene	13.992	165	571815	43.142	ng	96
52) Acenaphthene	14.480	154	2165253	44.603	ng	100
53) 3-Nitroaniline	14.321	138	444610	34.707	ng	95
54) 2,4-Dinitrophenol	14.533	184	329592	38.461	ng	99
55) Dibenzofuran	14.815	168	3434875	42.326	ng	99
56) 4-Nitrophenol	14.651	139	951858	83.381	ng	97
57) 2,4-Dinitrotoluene	14.786	165	770202	43.557	ng	# 94
58) Fluorene	15.462	166	2901748	44.983	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	785963	41.336	ng	97
60) Diethylphthalate	15.239	149	2364733	38.978	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1448028	41.869	ng	99
62) 4-Nitroaniline	15.486	138	530390	40.036	ng	98
63) Azobenzene	15.751	77	2249111	43.301	ng	97
65) 4,6-Dinitro-2-methylph...	15.551	198	289901	28.107	ng	100
66) n-Nitrosodiphenylamine	15.674	169	2229007	45.506	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	855056	45.000	ng	97
68) Hexachlorobenzene	16.474	284	980225	44.975	ng	99
69) Atrazine	16.627	200	751320	59.157	ng	99
70) Pentachlorophenol	16.821	266	1519735	94.712	ng	100
71) Phenanthrene	17.203	178	7119987	79.344	ng	99
72) Anthracene	17.292	178	5029521	56.874	ng	100
73) Carbazole	17.562	167	3798997	45.610	ng	99
74) Di-n-butylphthalate	18.127	149	3801914	39.629	ng	100
75) Fluoranthene	19.221	202	11615697	105.278	ng	95
77) Benzidine	19.409	184	1156392	48.322	ng	# 93
78) Pyrene	19.586	202	11441782	92.035	ng	95
80) Butylbenzylphthalate	20.480	149	1785794	38.228	ng	98
81) Benzo(a)anthracene	21.386	228	9919515	82.742	ng	96
82) 3,3'-Dichlorobenzidine	21.309	252	900542	19.891	ng	99
83) Chrysene	21.450	228	8875398	77.871	ng	97
84) Bis(2-ethylhexyl)phtha...	21.303	149	2525723	37.110	ng	98
85) Di-n-octyl phthalate	22.438	149	4588806	38.540	ng	99
87) Indeno(1,2,3-cd)pyrene	27.826	276	10101193	67.764	ng	97
88) Benzo(b)fluoranthene	23.468	252	11502990	90.066	ng	98
89) Benzo(k)fluoranthene	23.527	252	7450622	60.199	ng	98
90) Benzo(a)pyrene	24.280	252	10195959	90.849	ng	98
91) Dibenzo(a,h)anthracene	27.868	278	6265703	51.031	ng	98
92) Benzo(g,h,i)perylene	28.885	276	8480222	67.589	ng	97

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

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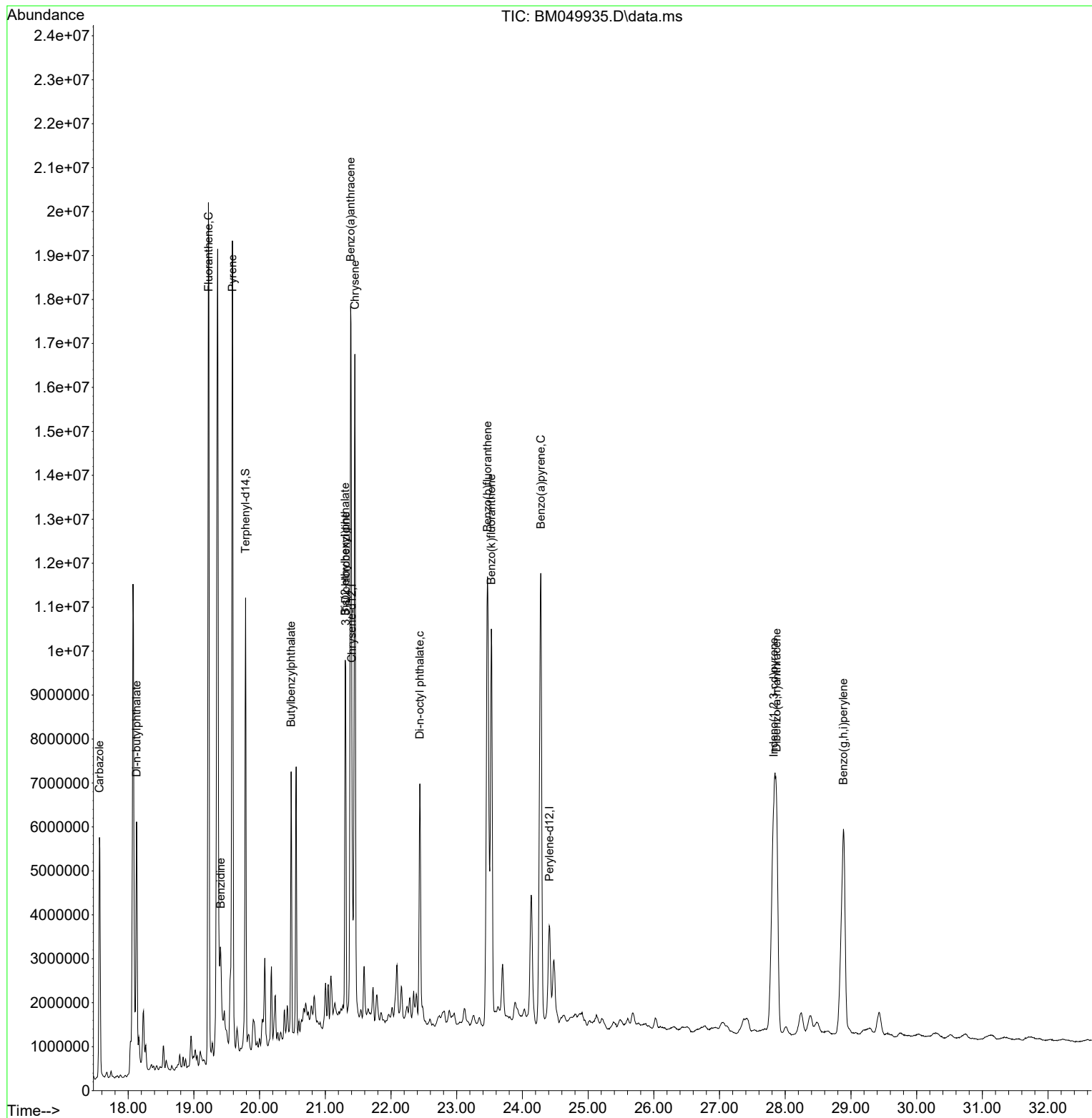
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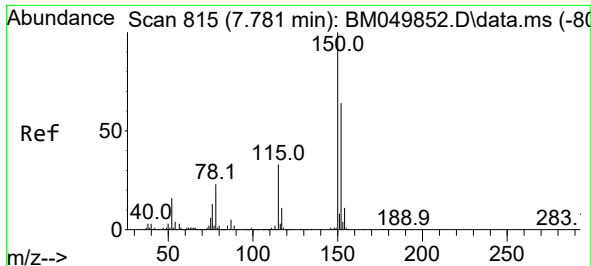


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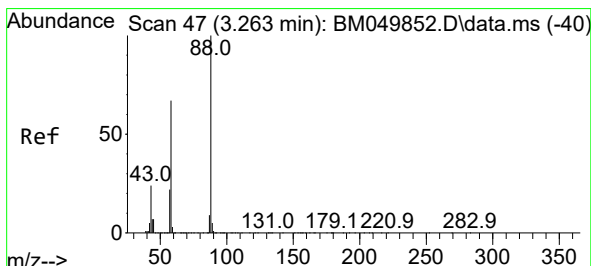
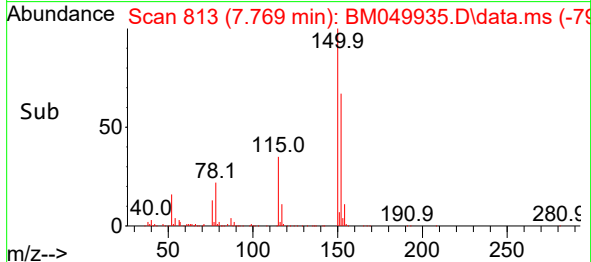
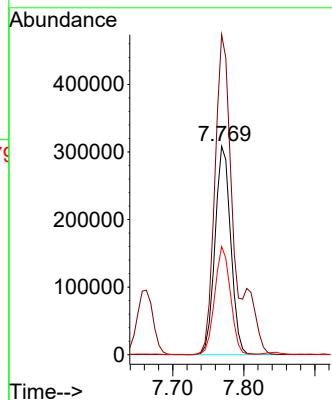
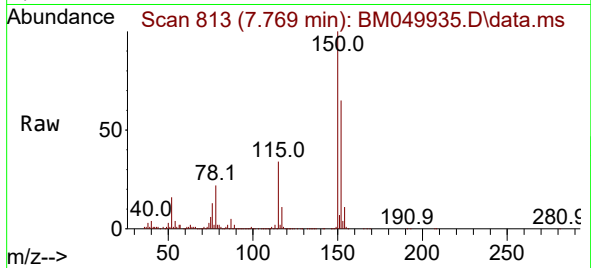




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM049935.D
 Acq: 15 Apr 2025 15:15

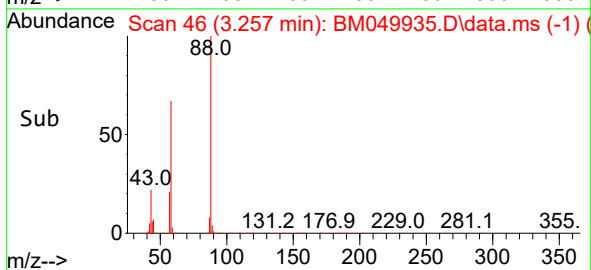
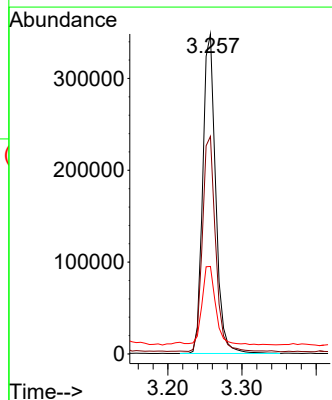
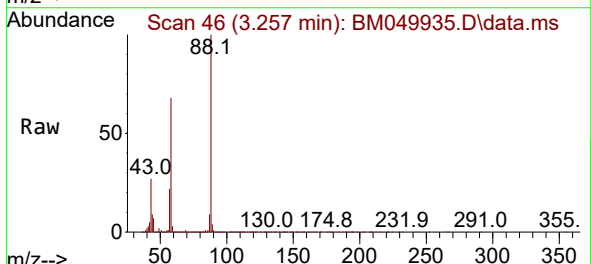
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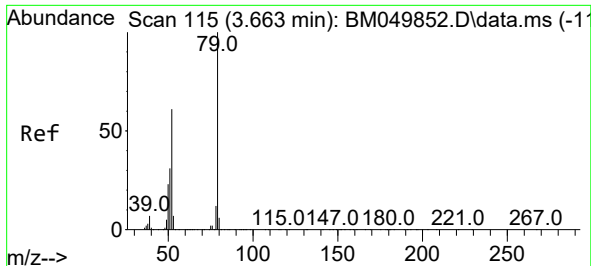
Tgt Ion:152 Resp: 471909
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.3 186.5
 115 51.9 41.1 61.7



#2
 1,4-Dioxane
 Concen: 36.817 ng
 RT: 3.257 min Scan# 46
 Delta R.T. -0.006 min
 Lab File: BM049935.D
 Acq: 15 Apr 2025 15:15

Tgt Ion: 88 Resp: 421383
 Ion Ratio Lower Upper
 88 100
 58 68.7 54.1 81.1
 43 26.3 20.2 30.4



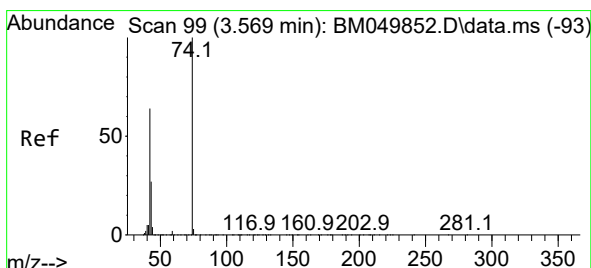
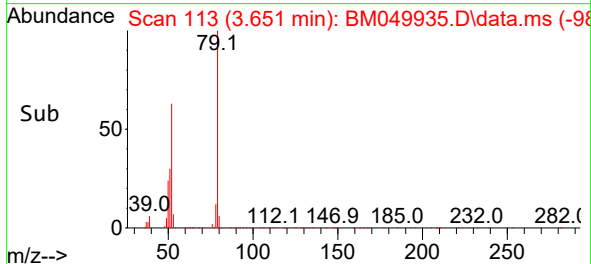
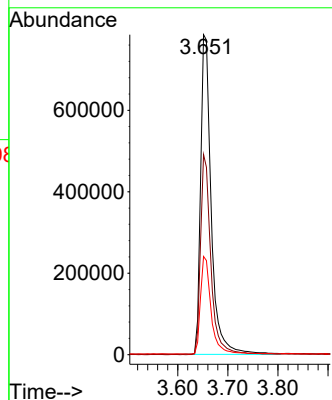
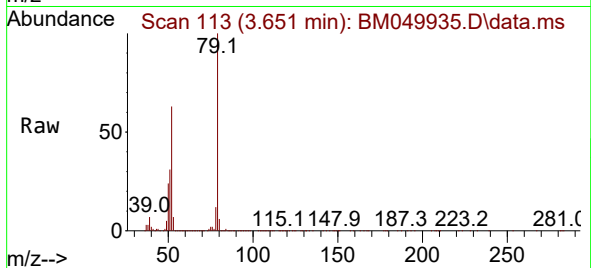


#3
 Pyridine
 Concen: 38.335 ng
 RT: 3.651 min Scan# 115
 Delta R.T. -0.012 min
 Lab File: BM049935.D
 Acq: 15 Apr 2025 15:15

Instrument :
 BNA_M
 ClientSampleId :
 TP-1MS

Tgt Ion: 79 Resp: 1152775

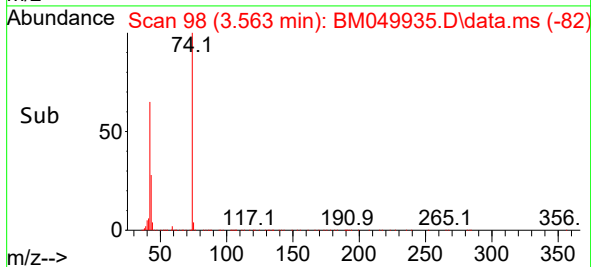
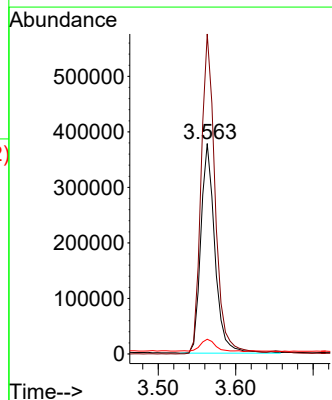
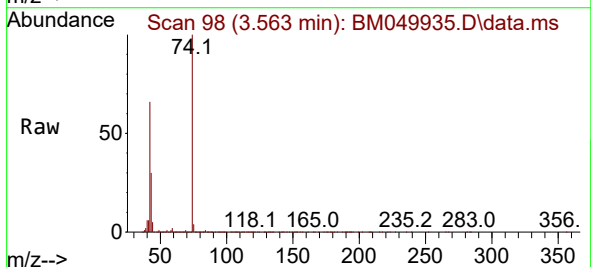
Ion	Ratio	Lower	Upper
79	100		
52	62.5	48.9	73.3
51	30.7	25.0	37.6

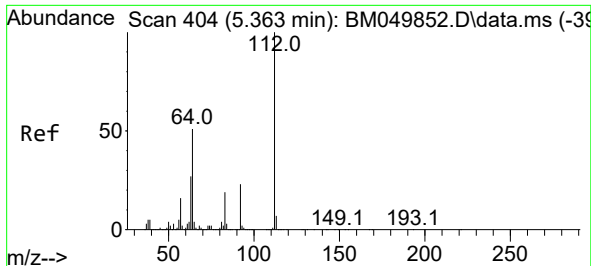


#4
 n-Nitrosodimethylamine
 Concen: 41.652 ng
 RT: 3.563 min Scan# 98
 Delta R.T. -0.006 min
 Lab File: BM049935.D
 Acq: 15 Apr 2025 15:15

Tgt Ion: 42 Resp: 476650

Ion	Ratio	Lower	Upper
42	100		
74	152.1	125.4	188.2
44	7.0	5.9	8.9

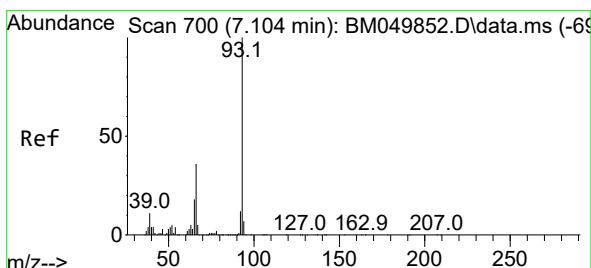
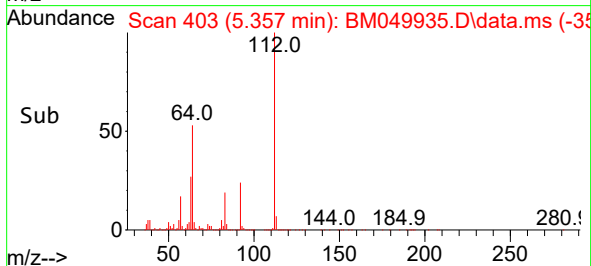
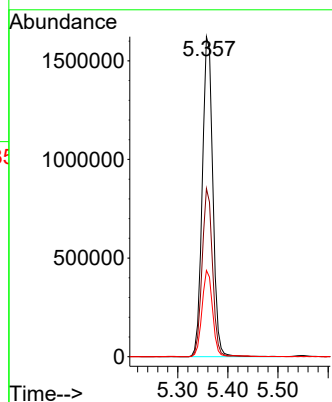
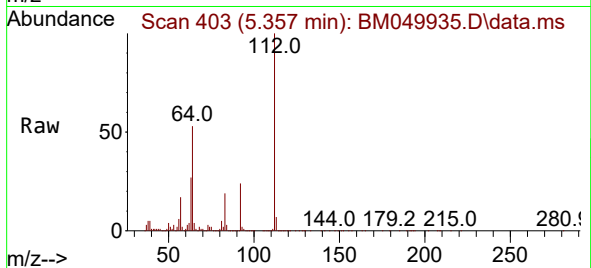




#5
2-Fluorophenol
Concen: 85.006 ng
RT: 5.357 min Scan# 404
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

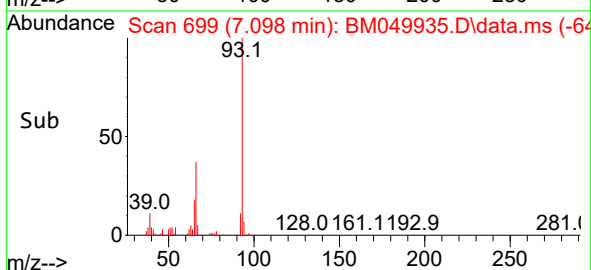
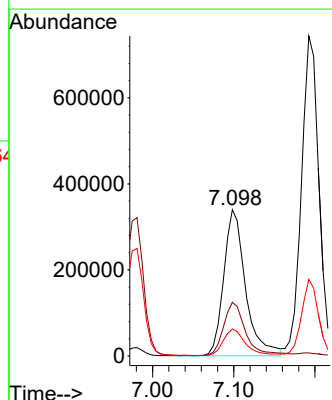
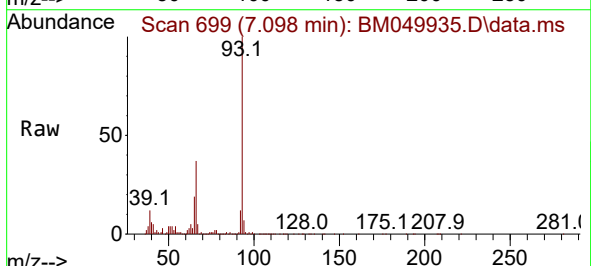
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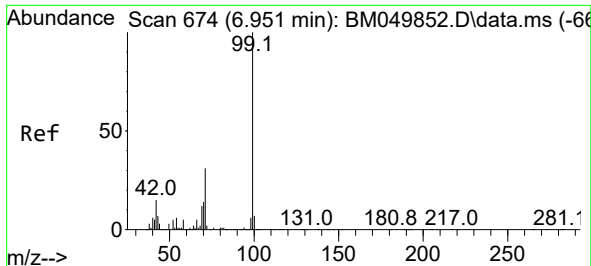
Tgt Ion:112 Resp: 2362399
Ion Ratio Lower Upper
112 100
64 52.5 41.0 61.6
63 26.9 21.5 32.3



#6
Aniline
Concen: 21.415 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion: 93 Resp: 634478
Ion Ratio Lower Upper
93 100
66 36.7 29.1 43.7
65 18.5 14.9 22.3

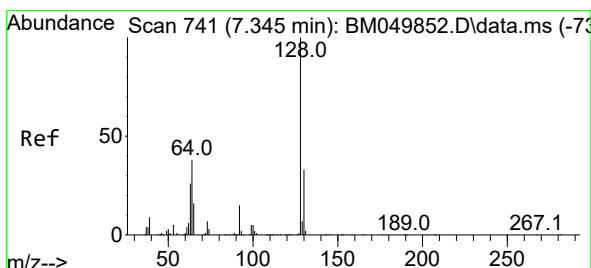
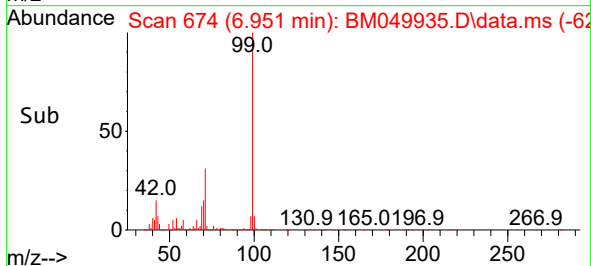
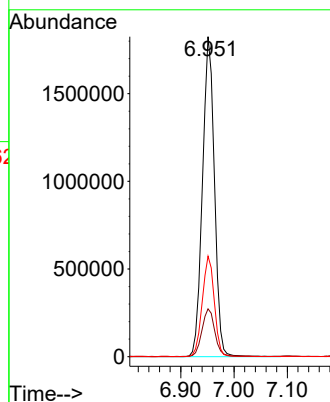
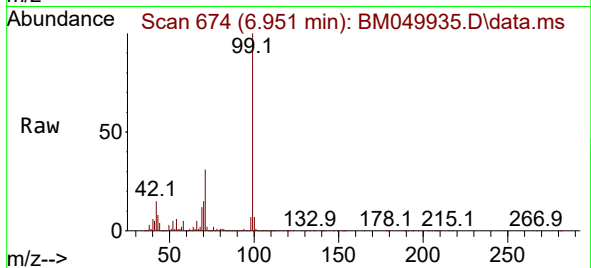




#7
Phenol-d6
Concen: 82.233 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

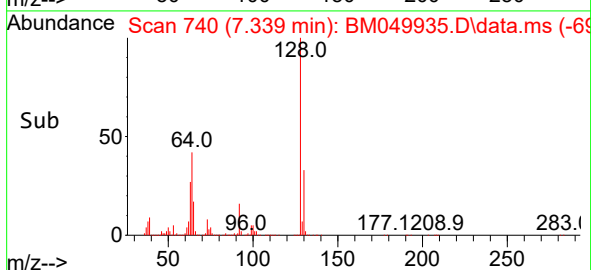
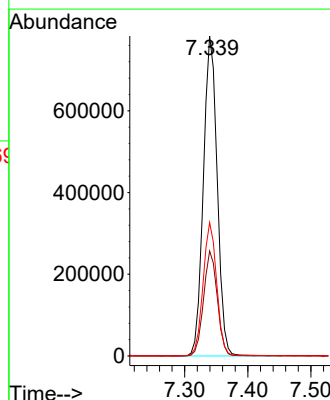
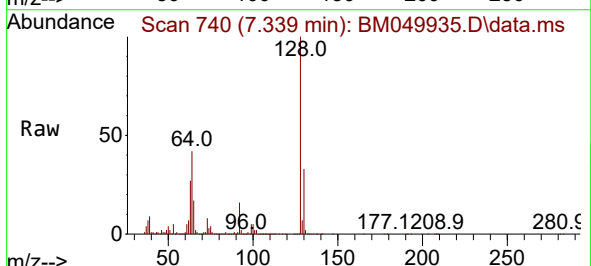
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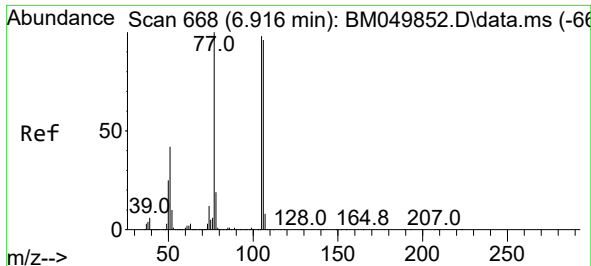
Tgt Ion: 99 Resp: 2843379
Ion Ratio Lower Upper
99 100
42 14.9 12.1 18.1
71 31.4 24.9 37.3



#8
2-Chlorophenol
Concen: 41.883 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:128 Resp: 1192844
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 41.7 21.1 61.1

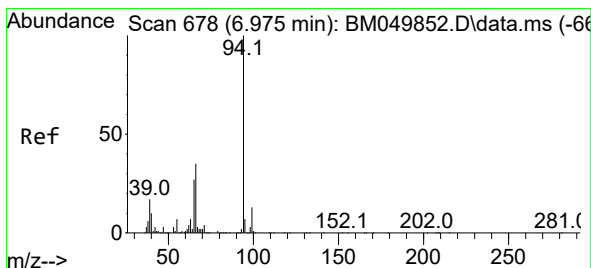
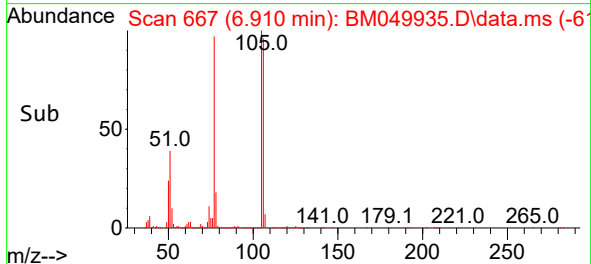
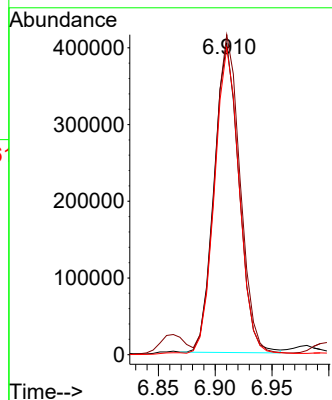
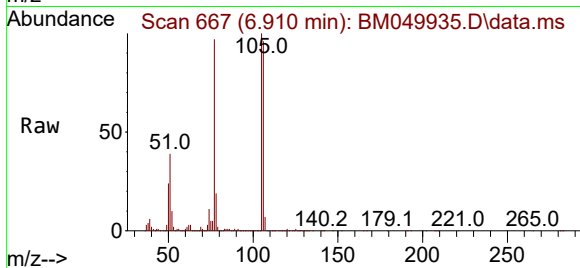




#9
Benzaldehyde
Concen: 34.559 ng
RT: 6.910 min Scan# 668
Delta R.T. -0.006 min
Lab File: BM049935.D
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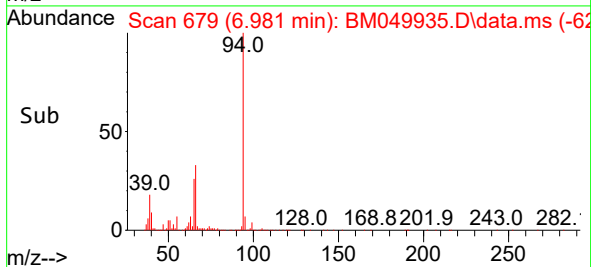
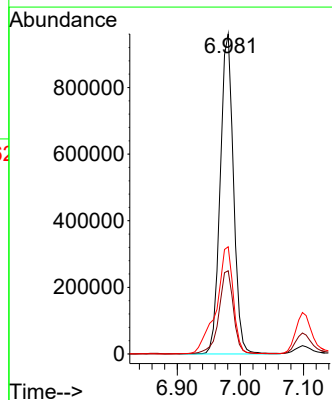
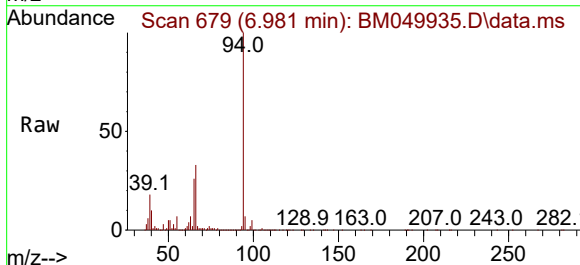
Instrument :
BNA_M
ClientSampleId :
TP-1MS

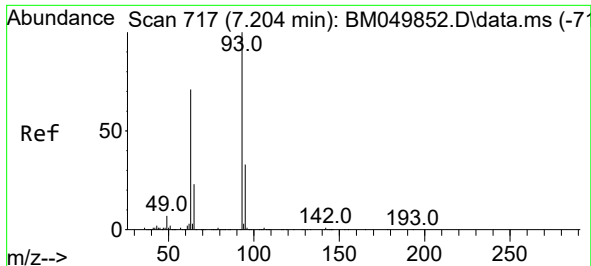
Tgt Ion: 77 Resp: 613209
Ion Ratio Lower Upper
77 100
105 102.7 78.3 118.3
106 98.6 76.0 116.0



#10
Phenol
Concen: 41.616 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion: 94 Resp: 1404200
Ion Ratio Lower Upper
94 100
65 26.0 7.3 47.3
66 33.5 14.8 54.8

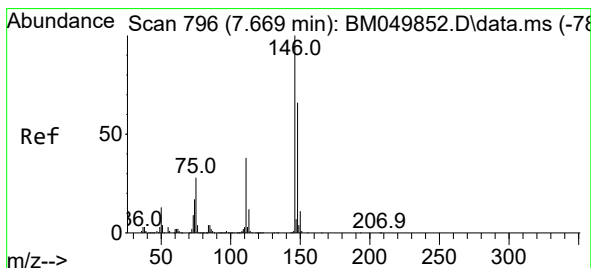
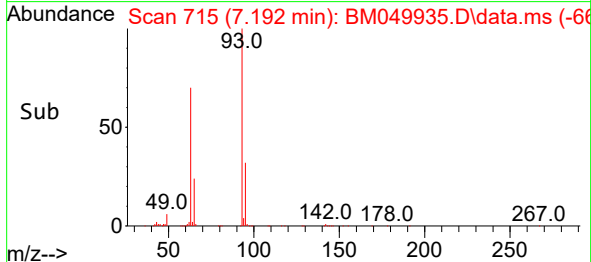
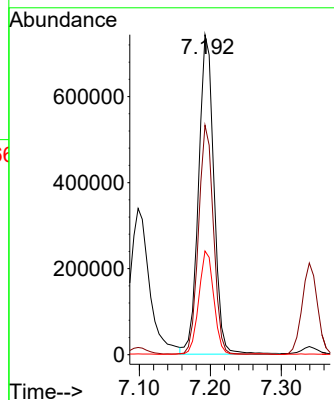
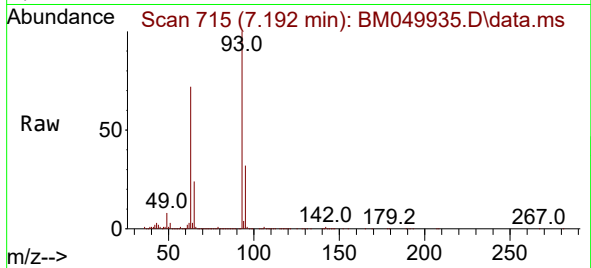




#11
bis(2-Chloroethyl)ether
Concen: 42.279 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.012 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

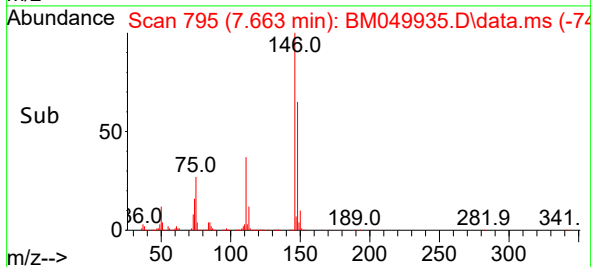
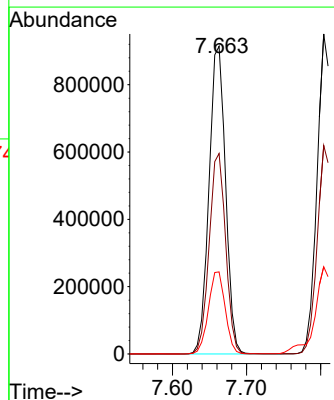
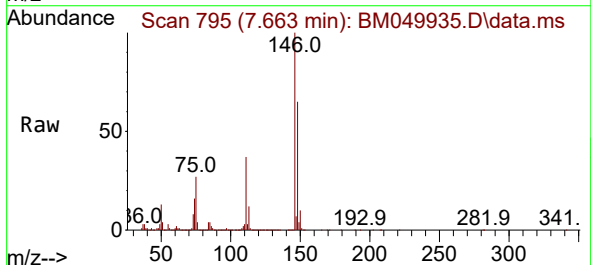
Instrument :
BNA_M
ClientSampleId :
TP-1MS

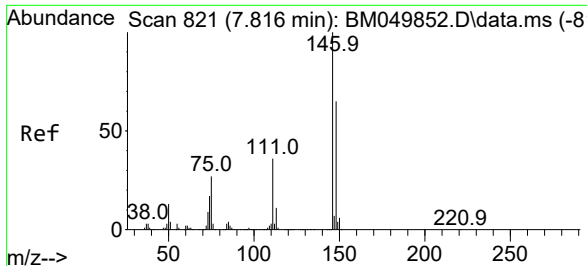
Tgt Ion: 93 Resp: 1118714
Ion Ratio Lower Upper
93 100
63 71.7 50.9 90.9
95 32.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.161 ng
RT: 7.663 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:146 Resp: 1419614
Ion Ratio Lower Upper
146 100
148 65.2 52.5 78.7
75 26.7 22.5 33.7

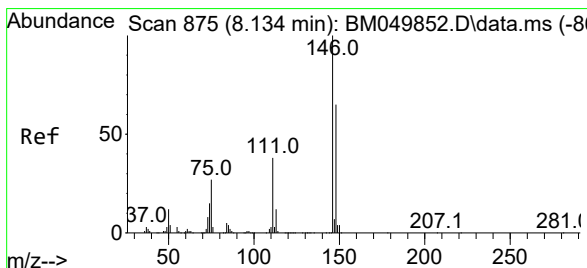
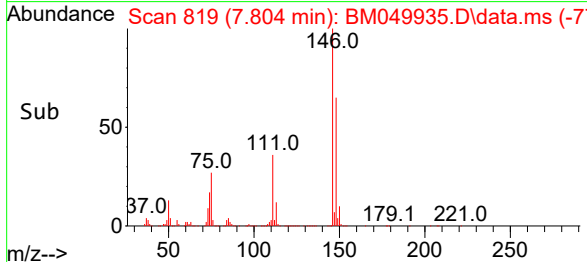
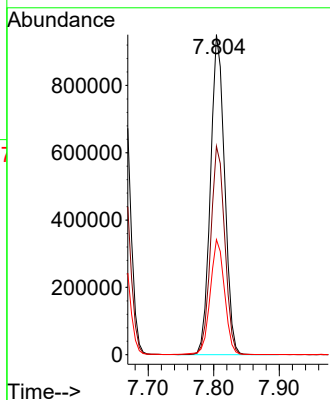
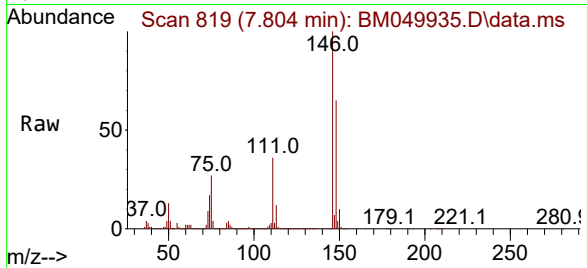




#13
1,4-Dichlorobenzene
Concen: 41.927 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.012 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

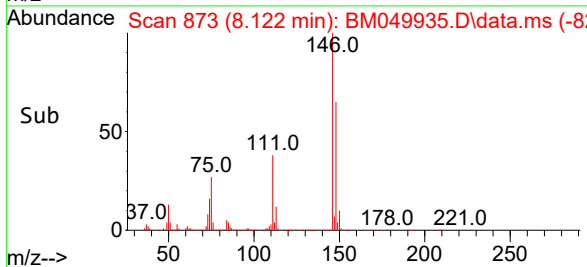
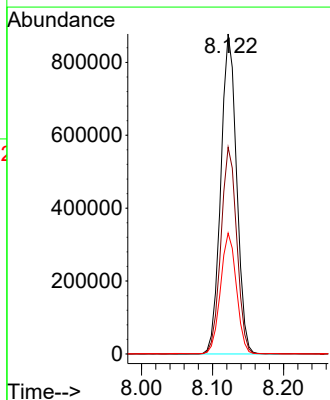
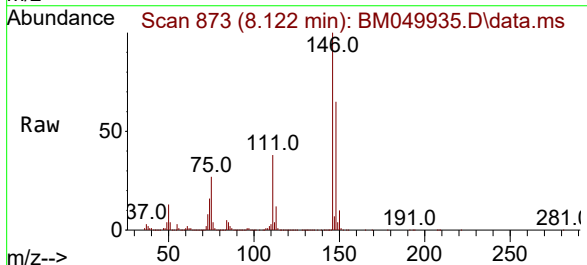
Instrument :
BNA_M
ClientSampleId :
TP-1MS

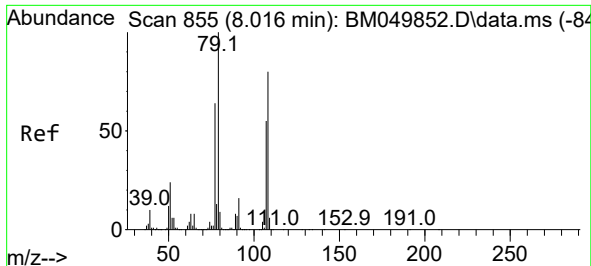
Tgt Ion:146 Resp: 1420491
Ion Ratio Lower Upper
146 100
148 65.2 52.4 78.6
111 36.0 28.5 42.7



#14
1,2-Dichlorobenzene
Concen: 42.388 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.012 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:146 Resp: 1352665
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.8
111 37.7 30.2 45.4

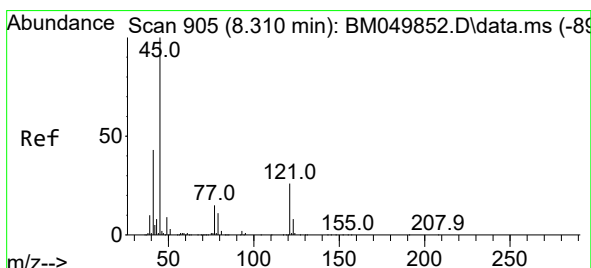
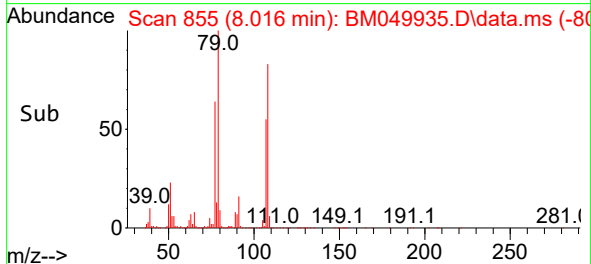
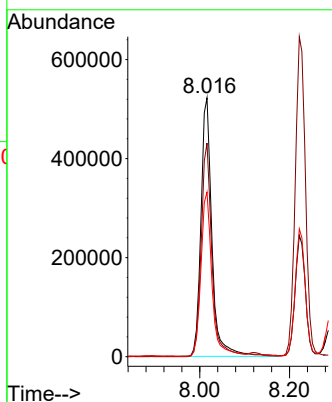
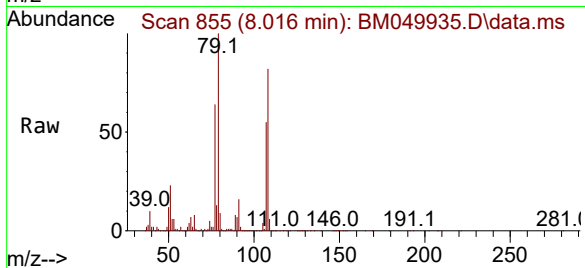




#15
Benzyl Alcohol
Concen: 40.837 ng
RT: 8.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

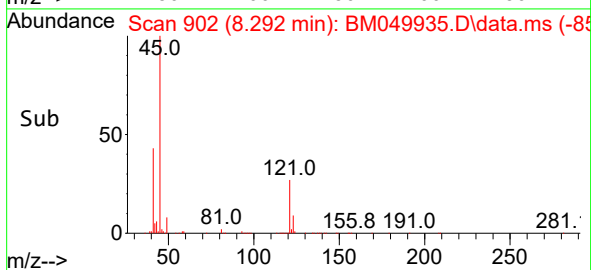
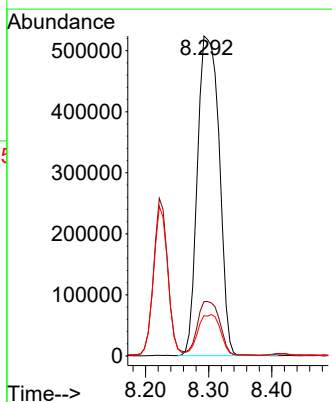
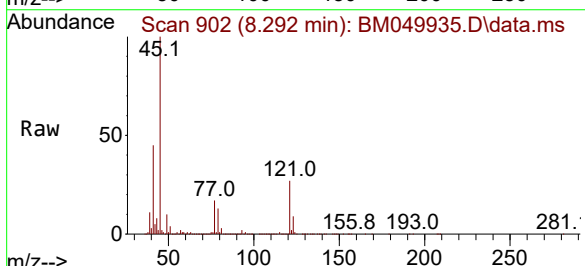
Instrument :
BNA_M
ClientSampleId :
TP-1MS

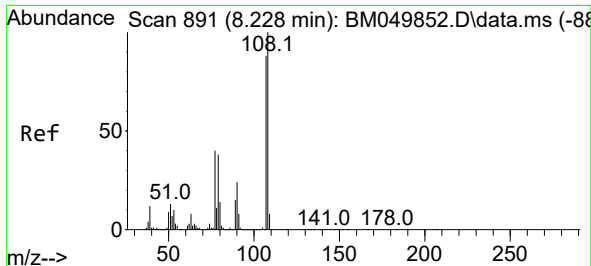
Tgt Ion: 79 Resp: 889155
Ion Ratio Lower Upper
79 100
108 82.5 63.6 95.4
77 63.6 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.513 ng
RT: 8.292 min Scan# 902
Delta R.T. -0.018 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

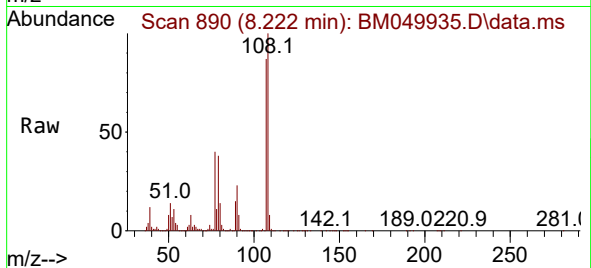
Tgt Ion: 45 Resp: 1253822
Ion Ratio Lower Upper
45 100
77 17.0 0.0 36.9
79 12.6 0.0 32.9



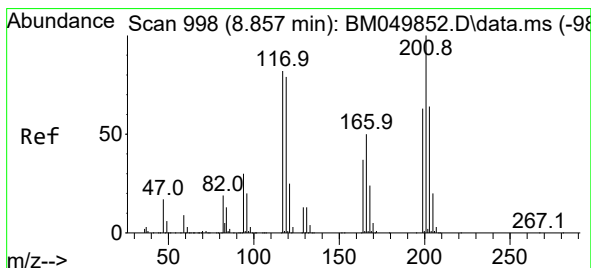
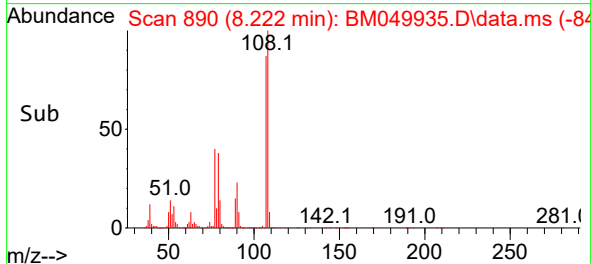
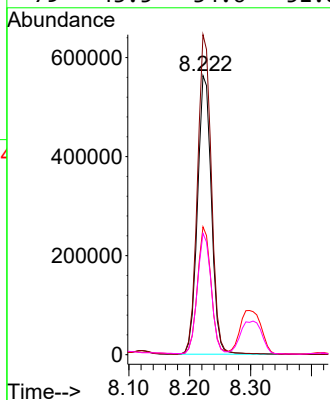


#17
2-Methylphenol
Concen: 42.741 ng
RT: 8.222 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Instrument :
BNA_M
ClientSampleId :
TP-1MS

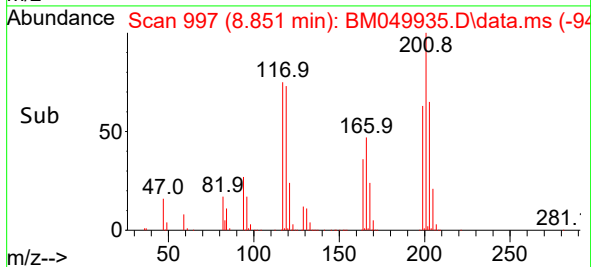
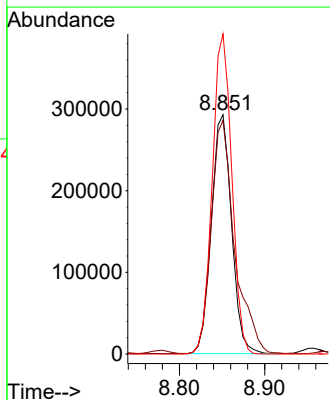
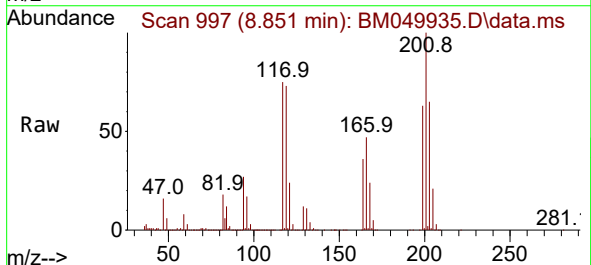


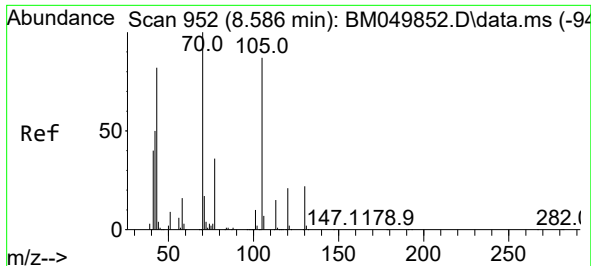
Tgt Ion:	107	Resp:	888729
Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.0	136.6
77	45.8	36.5	54.7
79	43.5	34.6	51.8



#18
Hexachloroethane
Concen: 41.083 ng
RT: 8.851 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:	117	Resp:	484260
Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.5	116.3
201	133.8	97.7	146.5

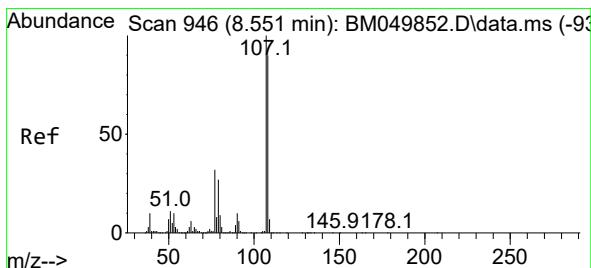
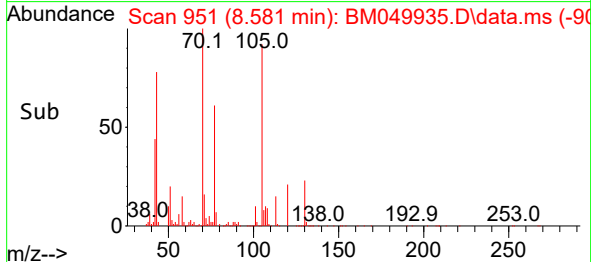
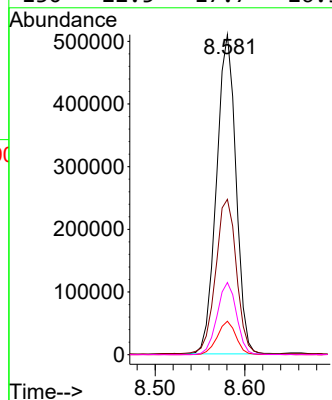
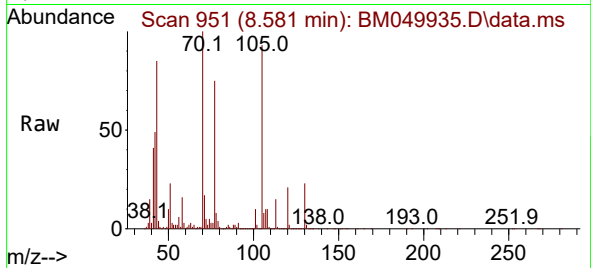




#19
n-Nitroso-di-n-propylamine
Concen: 40.019 ng
RT: 8.581 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

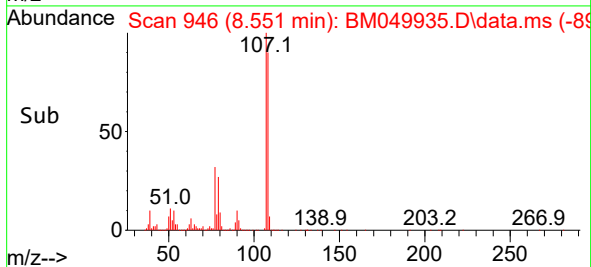
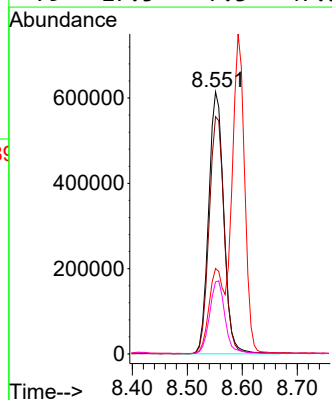
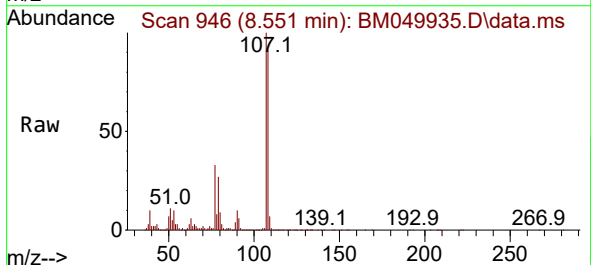
Instrument :
BNA_M
ClientSampleId :
TP-1MS

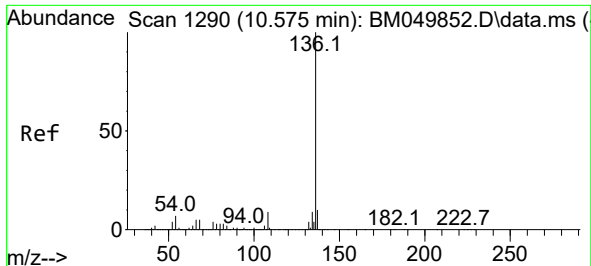
Tgt Ion: 70 Resp: 766385
Ion Ratio Lower Upper
70 100
42 48.5 40.2 60.2
101 10.4 7.9 11.9
130 22.5 17.7 26.5



#20
3+4-Methylphenols
Concen: 41.278 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.000 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:107 Resp: 1170172
Ion Ratio Lower Upper
107 100
108 90.5 69.6 109.6
77 32.6 11.7 51.7
79 27.5 7.3 47.3

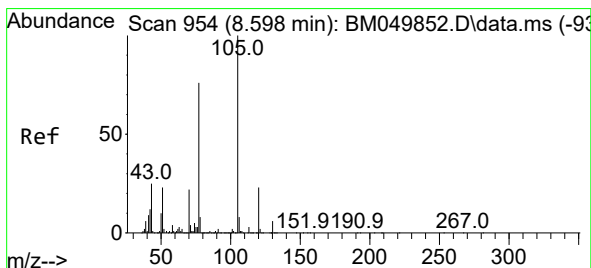
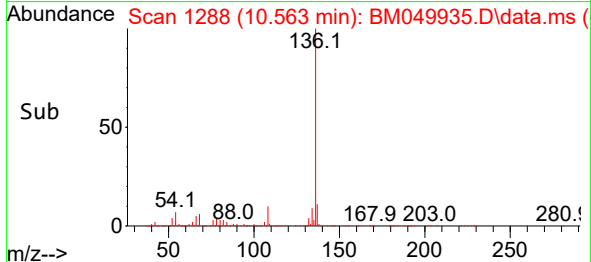
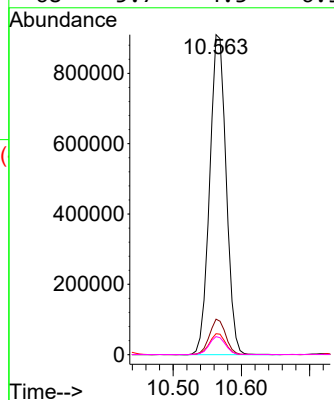
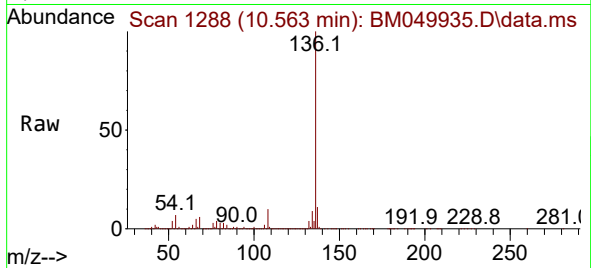




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

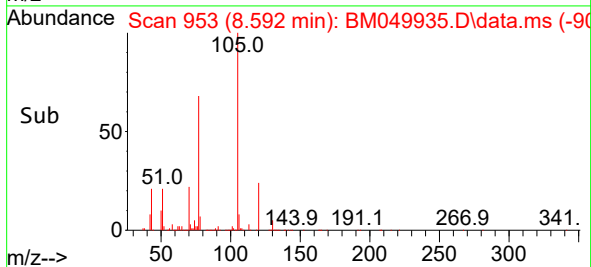
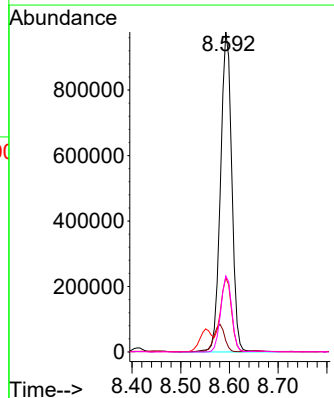
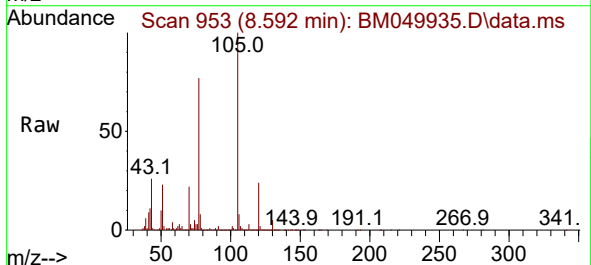
Instrument :
BNA_M
ClientSampleId :
TP-1MS

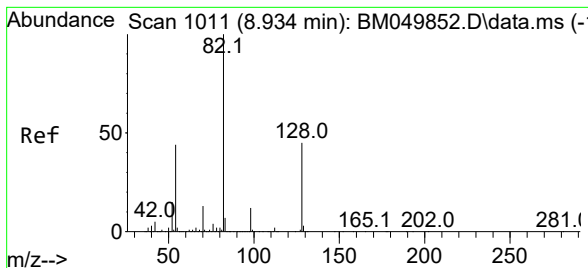
Tgt Ion:136 Resp: 1529934
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.6 5.3 7.9
68 5.7 4.3 6.5



#22
Acetophenone
Concen: 42.239 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:105 Resp: 1570534
Ion Ratio Lower Upper
105 100
71 3.5 3.0 4.4
51 23.2 18.6 27.8
120 23.7 18.5 27.7





#23

Nitrobenzene-d5

Concen: 60.465 ng

RT: 8.928 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

Instrument :

BNA_M

ClientSampleId :

TP-1MS

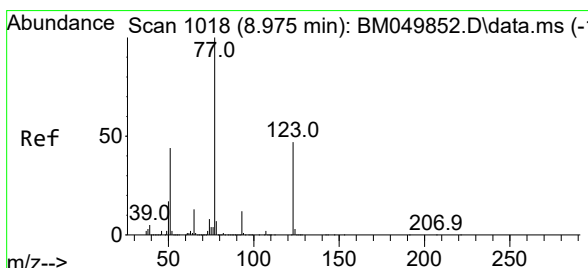
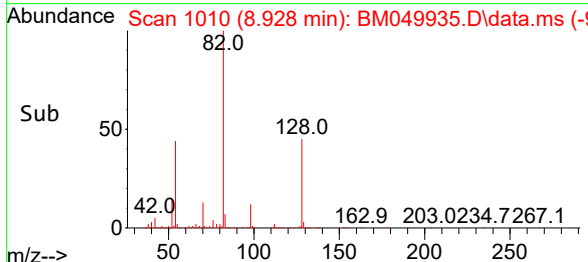
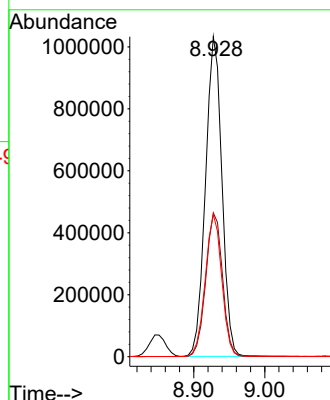
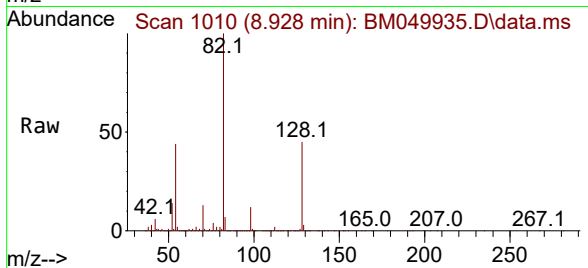
Tgt Ion: 82 Resp: 1661249

Ion Ratio Lower Upper

82 100

128 44.9 36.2 54.2

54 44.5 35.0 52.6



#24

Nitrobenzene

Concen: 42.233 ng

RT: 8.969 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

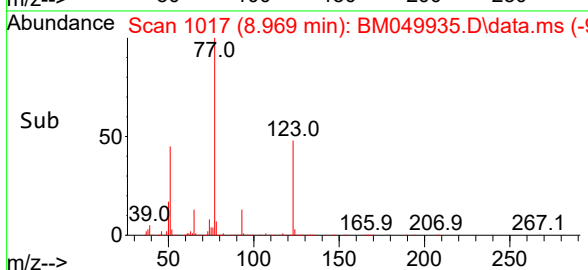
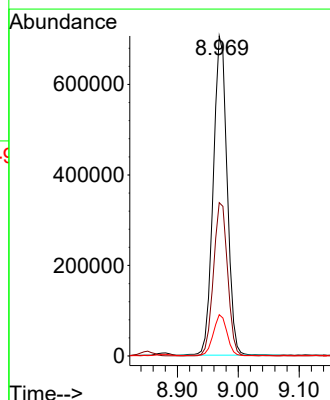
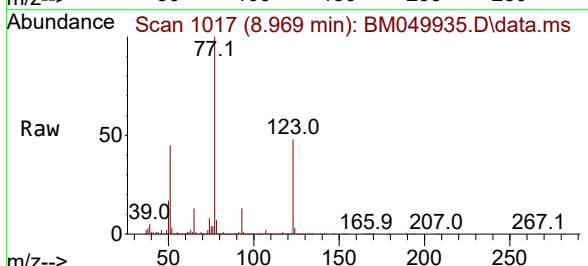
Tgt Ion: 77 Resp: 1117291

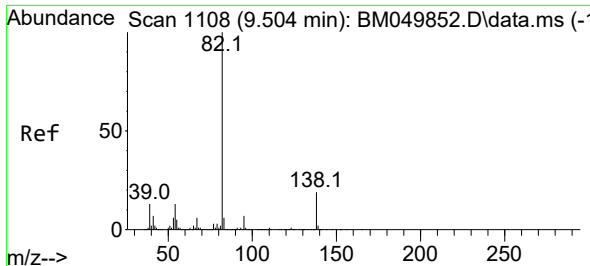
Ion Ratio Lower Upper

77 100

123 47.9 37.4 56.2

65 12.9 10.1 15.1

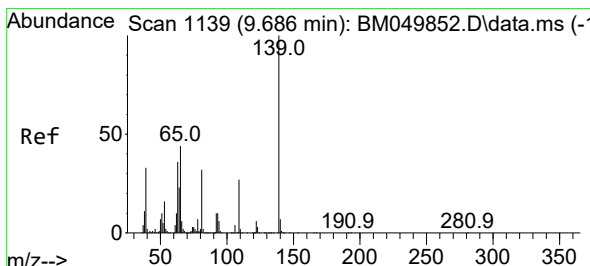
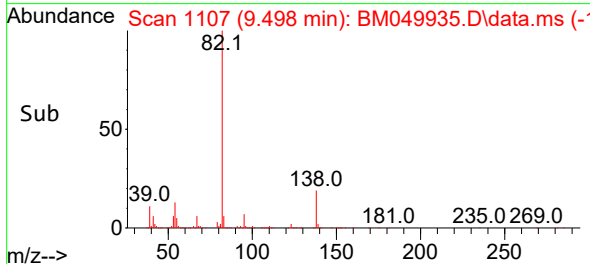
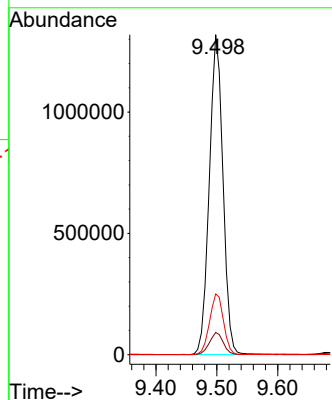
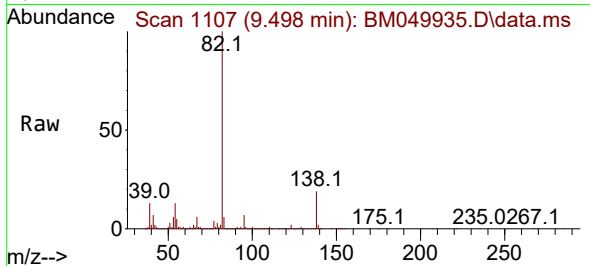




#25
Isophorone
Concen: 44.689 ng
RT: 9.498 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

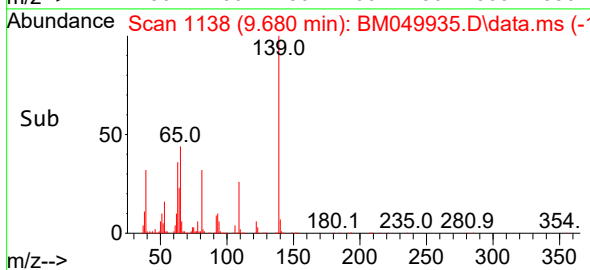
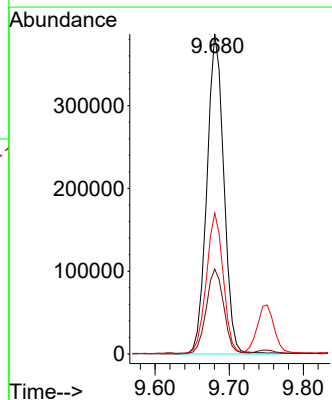
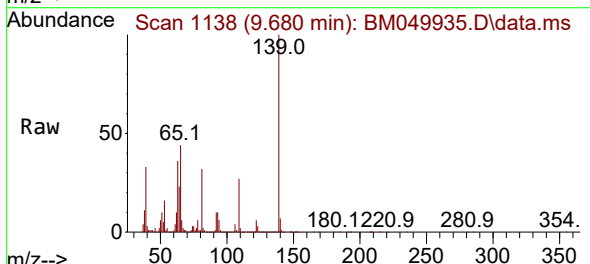
Instrument :
BNA_M
ClientSampleId :
TP-1MS

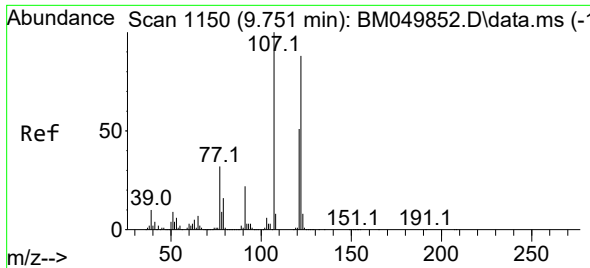
Tgt Ion: 82 Resp: 2056831
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 19.0 15.0 22.6



#26
2-Nitrophenol
Concen: 43.740 ng
RT: 9.680 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion: 139 Resp: 613317
Ion Ratio Lower Upper
139 100
109 26.5 21.7 32.5
65 44.0 35.2 52.8

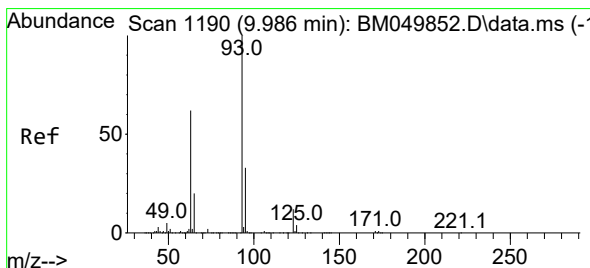
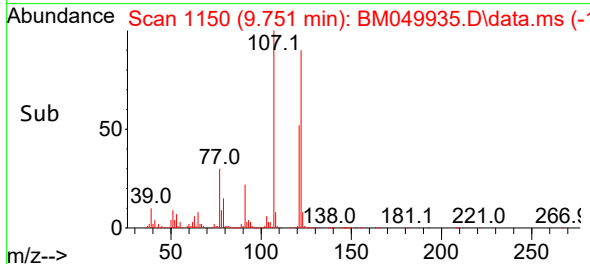
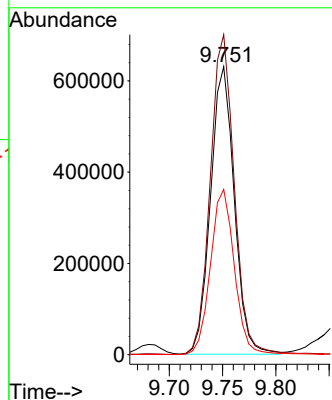
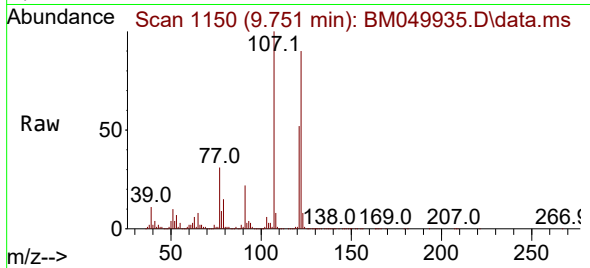




#27
2,4-Dimethylphenol
Concen: 61.432 ng
RT: 9.751 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

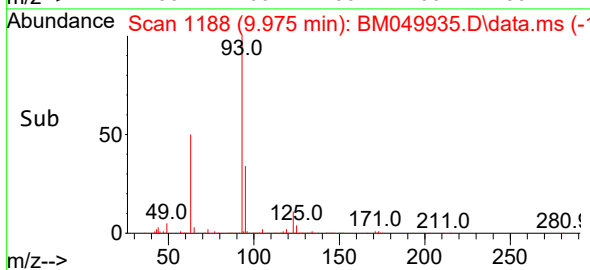
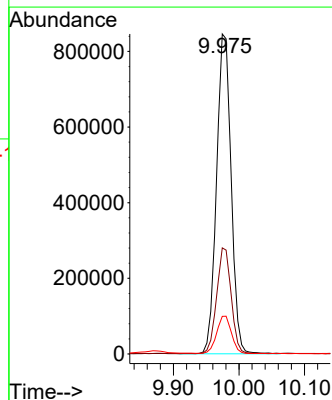
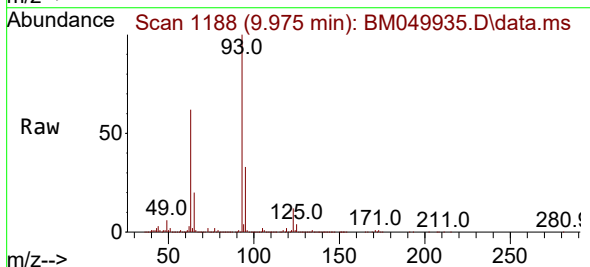
Instrument :
BNA_M
ClientSampleId :
TP-1MS

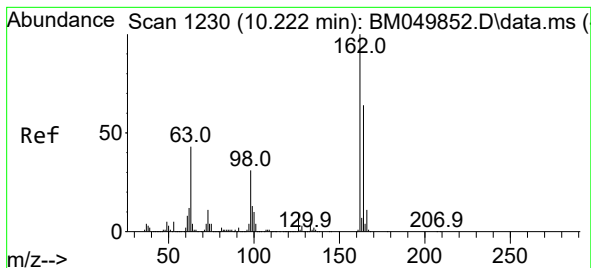
Tgt Ion:122 Resp: 976211
Ion Ratio Lower Upper
122 100
107 111.1 90.3 135.5
121 57.4 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 42.283 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion: 93 Resp: 1302868
Ion Ratio Lower Upper
93 100
95 33.1 26.6 40.0
123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 42.341 ng

RT: 10.222 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

Instrument :

BNA_M

ClientSampleId :

TP-1MS

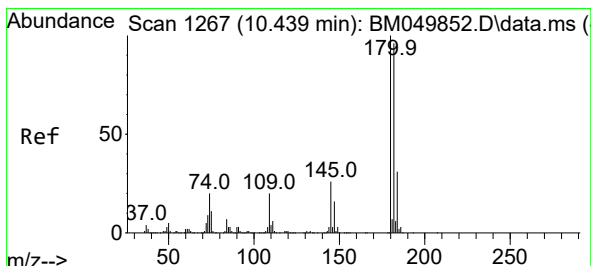
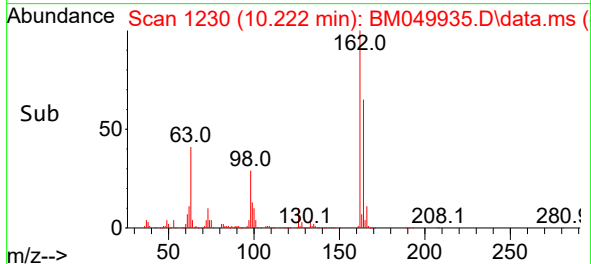
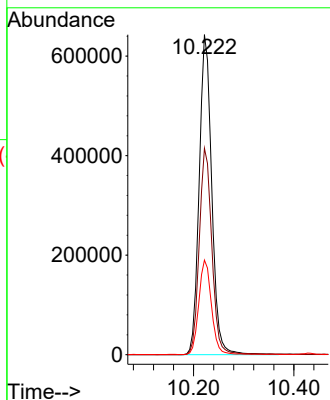
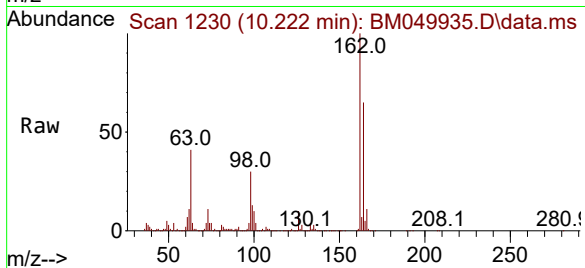
Tgt Ion:162 Resp: 1118435

Ion Ratio Lower Upper

162 100

164 64.5 44.3 84.3

98 29.5 10.9 50.9



#30

1,2,4-Trichlorobenzene

Concen: 43.371 ng

RT: 10.433 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

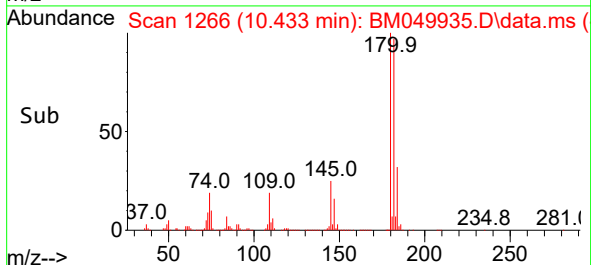
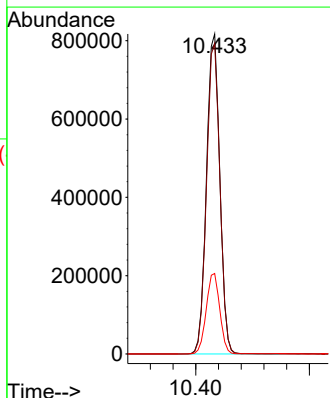
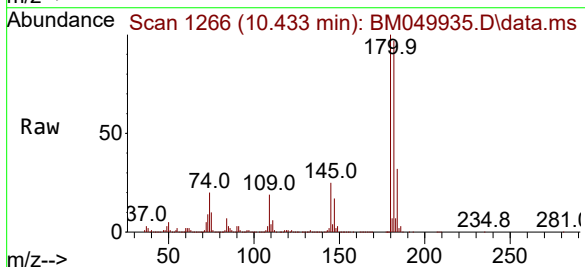
Tgt Ion:180 Resp: 1325327

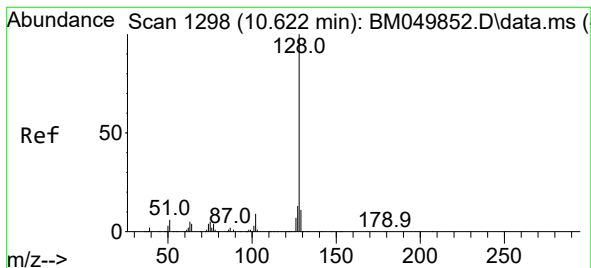
Ion Ratio Lower Upper

180 100

182 97.0 76.7 115.1

145 25.2 20.8 31.2

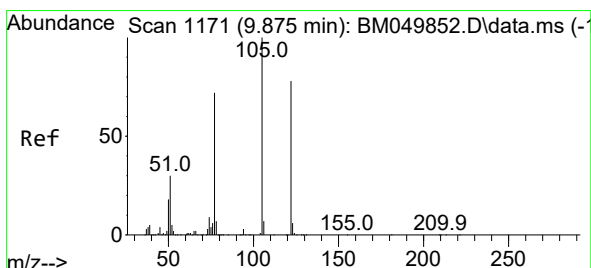
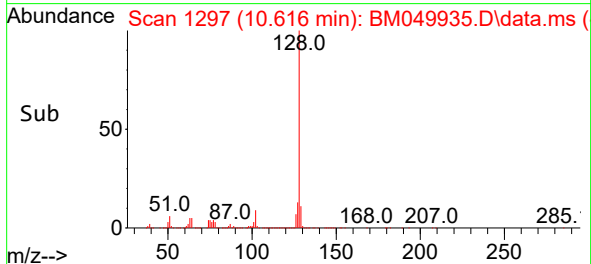
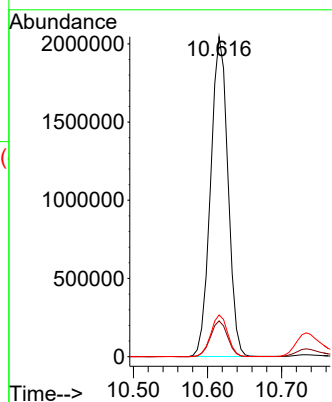
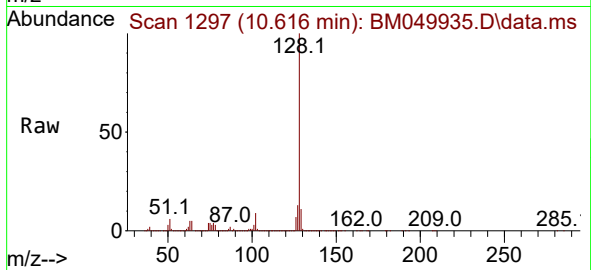




#31
Naphthalene
Concen: 42.251 ng
RT: 10.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

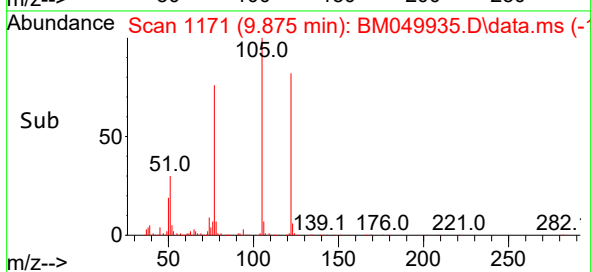
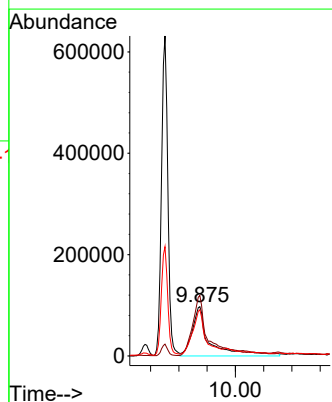
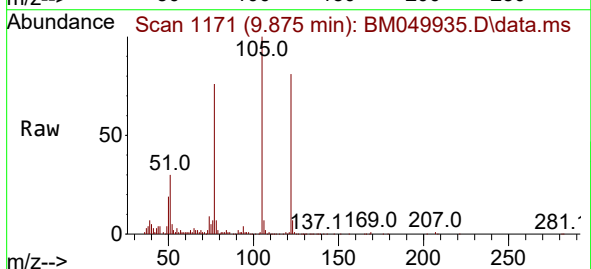
Instrument :
BNA_M
ClientSampleId :
TP-1MS

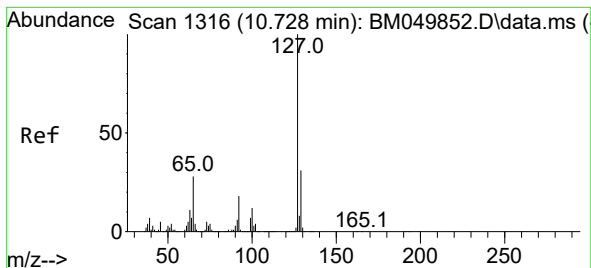
Tgt Ion:128 Resp: 3321524
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 26.094 ng m
RT: 9.875 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:122 Resp: 420614
Ion Ratio Lower Upper
122 100
105 123.0 103.8 143.8
77 94.0 70.7 110.7





#33

4-Chloroaniline

Concen: 15.525 ng

RT: 10.733 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

Instrument :

BNA_M

ClientSampleId :

TP-1MS

Tgt Ion:127 Resp: 430981

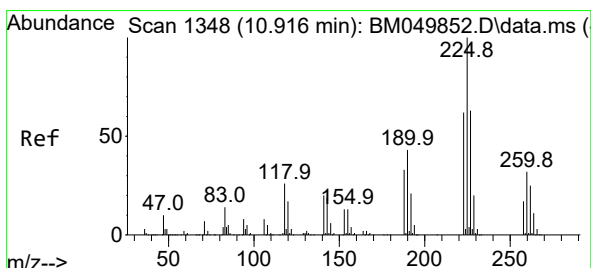
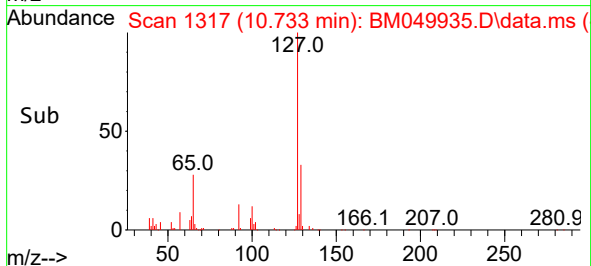
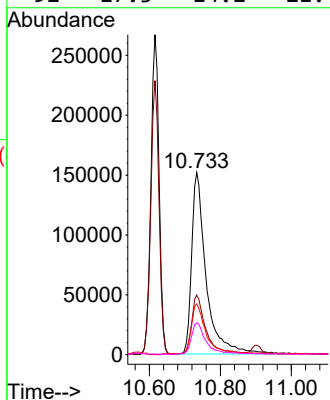
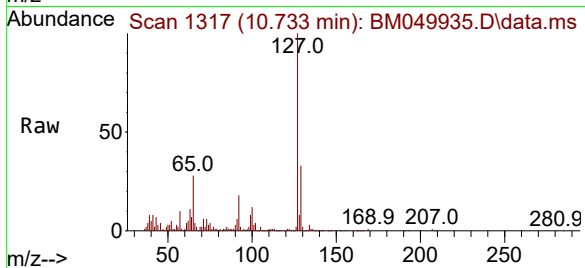
Ion Ratio Lower Upper

127 100

129 32.7 24.9 37.3

65 27.9 22.4 33.6

92 17.5 14.2 21.4



#34

Hexachlorobutadiene

Concen: 45.006 ng

RT: 10.904 min Scan# 1346

Delta R.T. -0.012 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

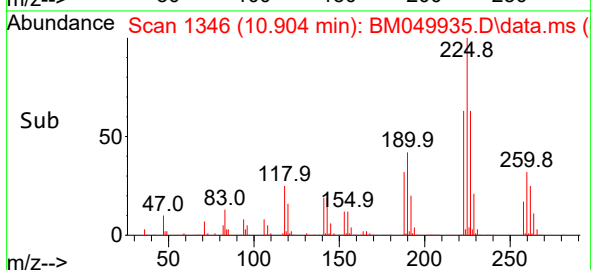
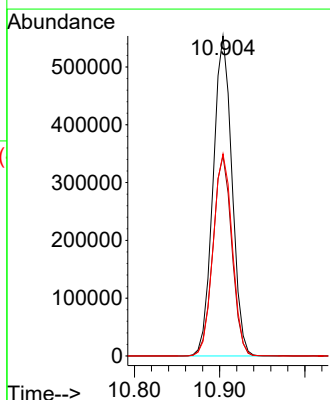
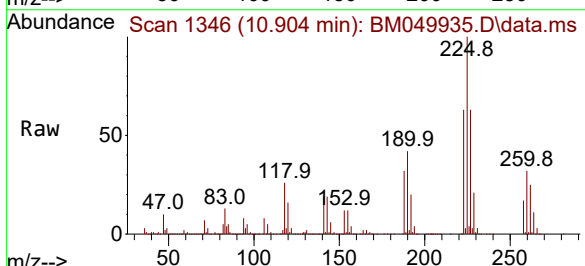
Tgt Ion:225 Resp: 850705

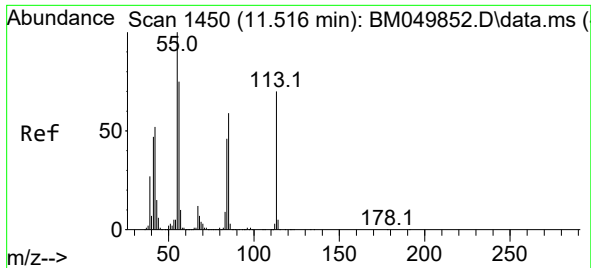
Ion Ratio Lower Upper

225 100

223 62.6 49.4 74.2

227 63.1 50.1 75.1

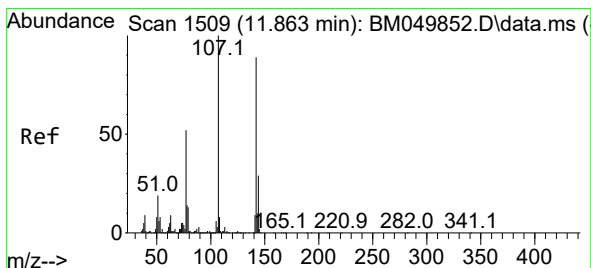
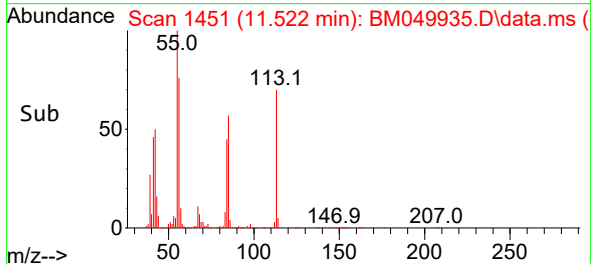
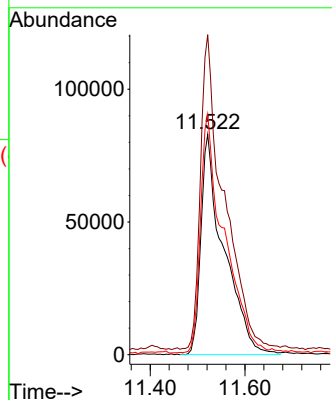
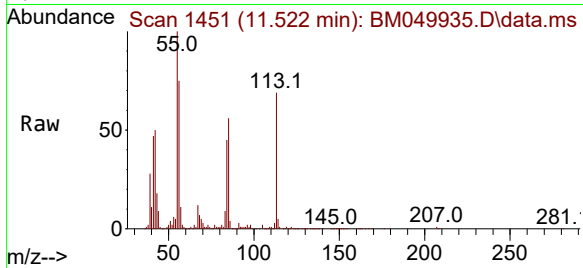




#35
Caprolactam
Concen: 36.644 ng
RT: 11.522 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

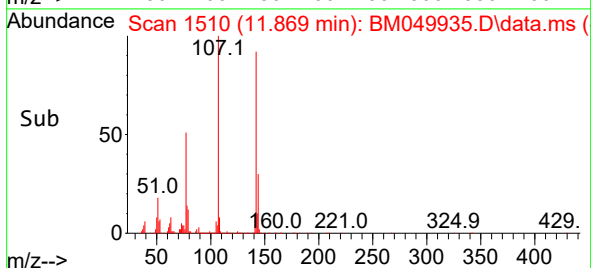
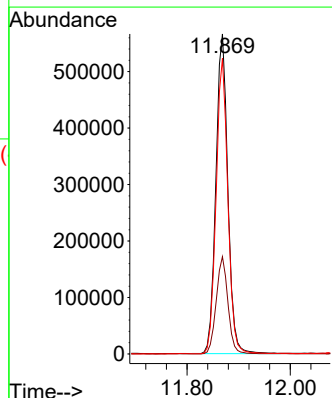
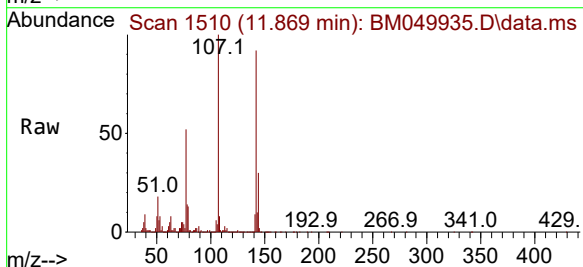
Instrument :
BNA_M
ClientSampleId :
TP-1MS

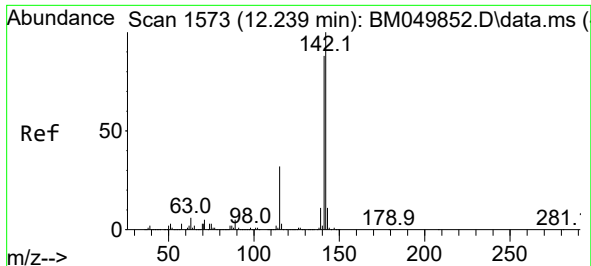
Tgt Ion:113 Resp: 277613
Ion Ratio Lower Upper
113 100
55 145.2 124.3 164.3
56 109.2 87.5 127.5



#36
4-Chloro-3-methylphenol
Concen: 39.297 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:107 Resp: 909242
Ion Ratio Lower Upper
107 100
144 30.4 23.6 35.4
142 92.4 71.4 107.0

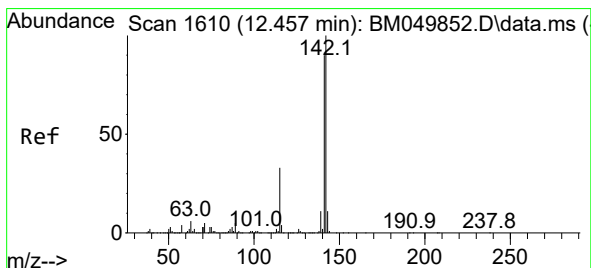
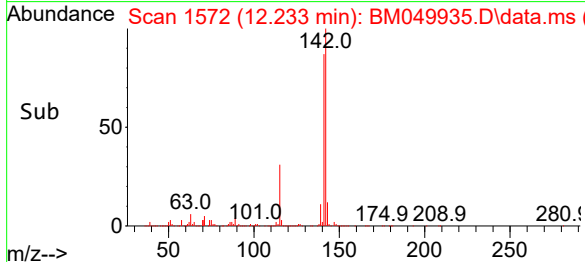
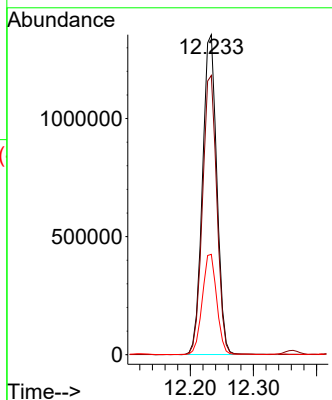
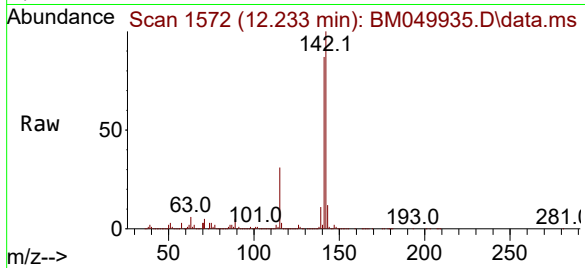




#37
2-Methylnaphthalene
Concen: 38.675 ng
RT: 12.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

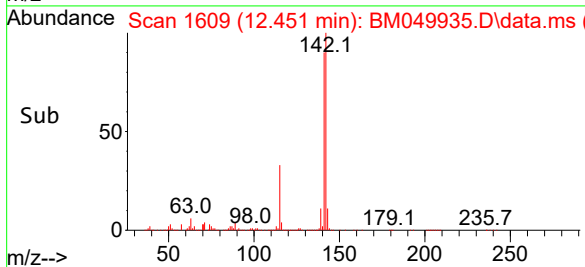
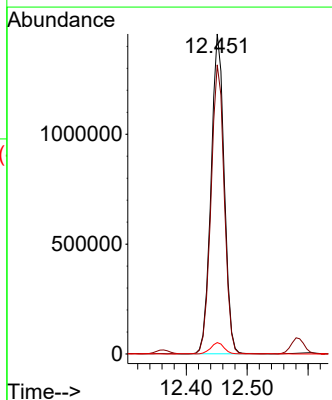
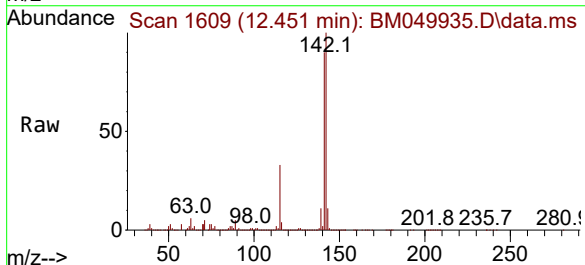
Instrument :
BNA_M
ClientSampleId :
TP-1MS

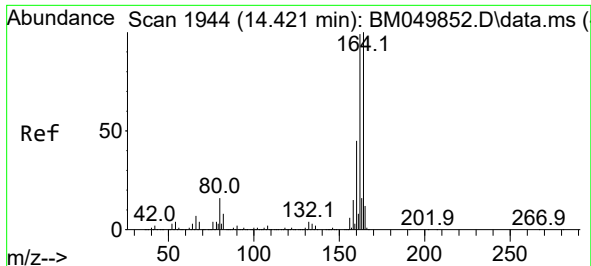
Tgt Ion:142 Resp: 2142160
Ion Ratio Lower Upper
142 100
141 87.2 70.2 105.2
115 31.4 25.4 38.2



#38
1-Methylnaphthalene
Concen: 40.571 ng
RT: 12.451 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:142 Resp: 2189287
Ion Ratio Lower Upper
142 100
141 90.4 72.2 108.2
116 3.6 2.9 4.3

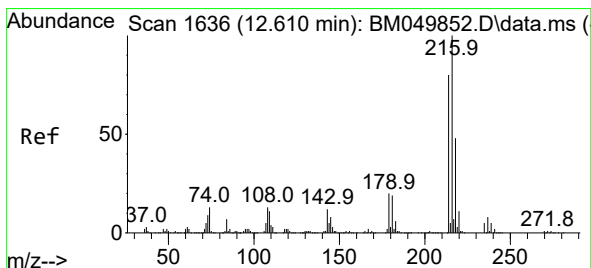
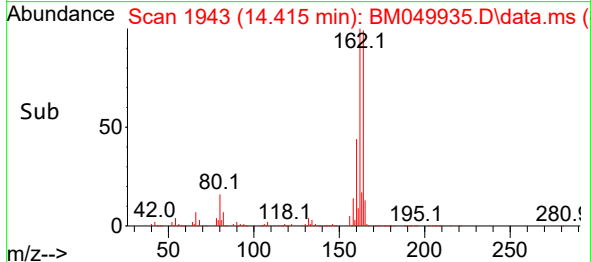
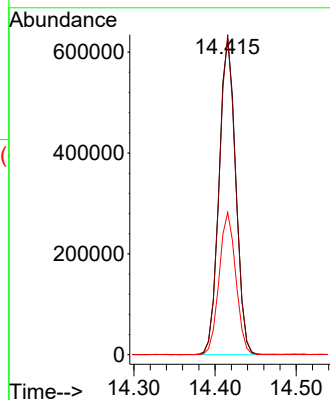
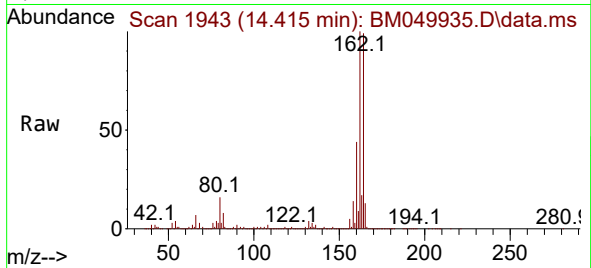




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.415 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

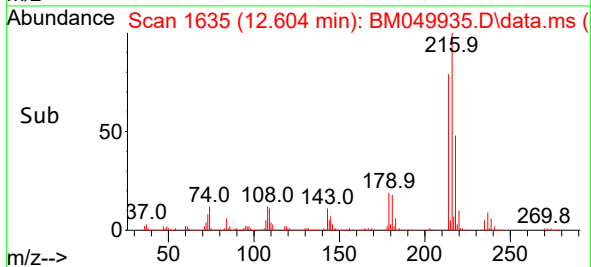
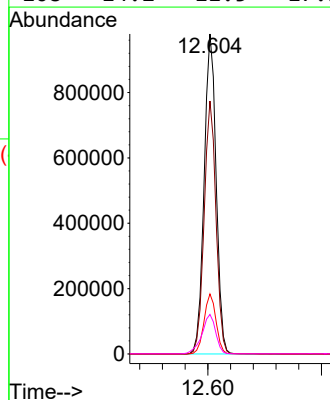
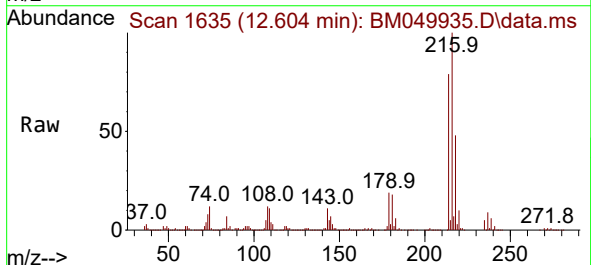
Instrument :
BNA_M
ClientSampleId :
TP-1MS

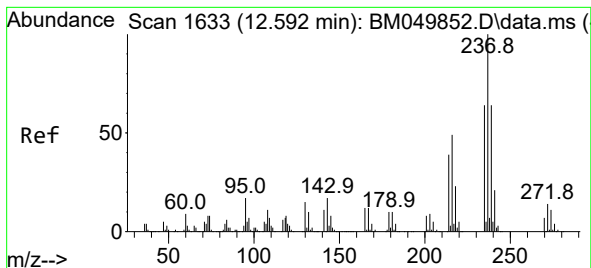
Tgt Ion:164 Resp: 896727
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.0
160 45.0 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.493 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:216 Resp: 1427199
Ion Ratio Lower Upper
216 100
214 78.2 63.2 94.8
179 18.7 15.8 23.6
108 14.2 11.5 17.3

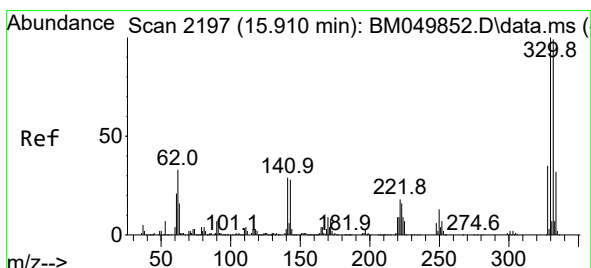
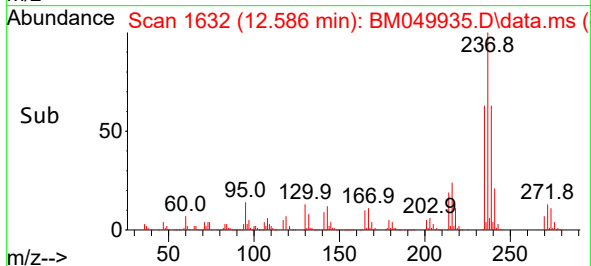
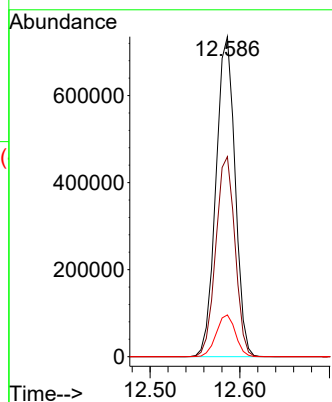
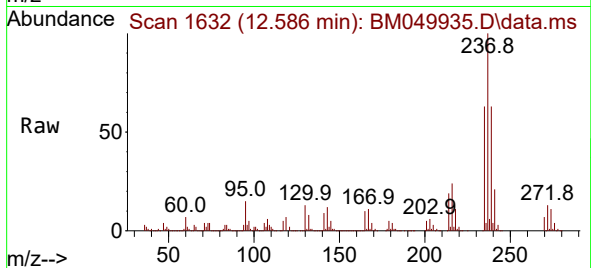




#41
Hexachlorocyclopentadiene
Concen: 98.950 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

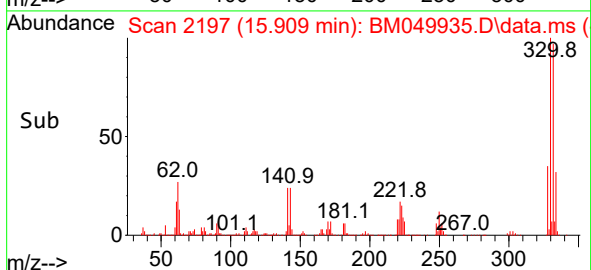
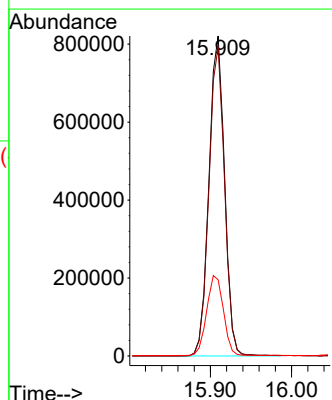
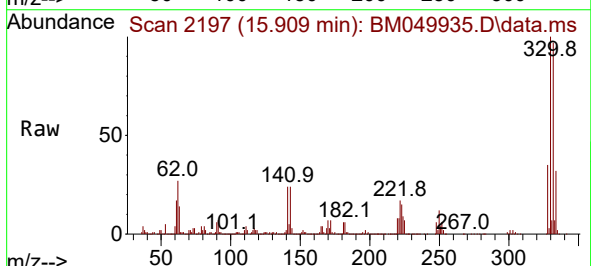
Instrument :
BNA_M
ClientSampleId :
TP-1MS

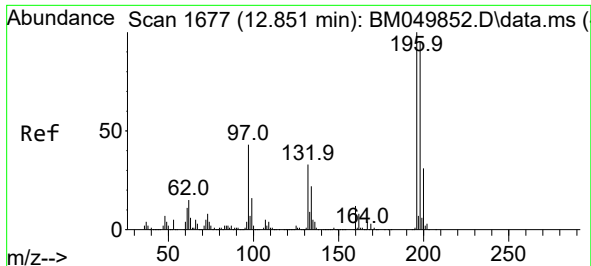
Tgt Ion:237 Resp: 1087746
Ion Ratio Lower Upper
237 100
235 62.5 43.7 83.7
272 13.0 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 84.461 ng
RT: 15.909 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:330 Resp: 1101641
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 26.8 23.5 35.3

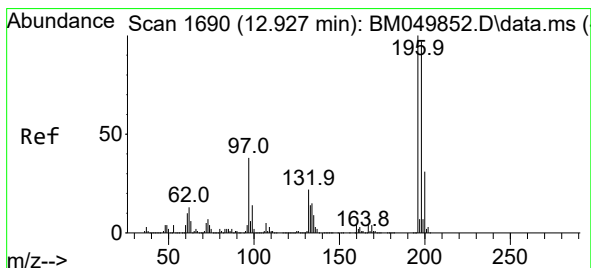
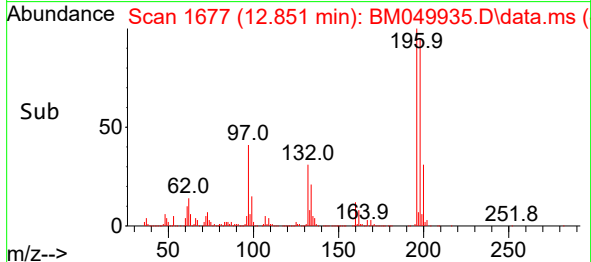
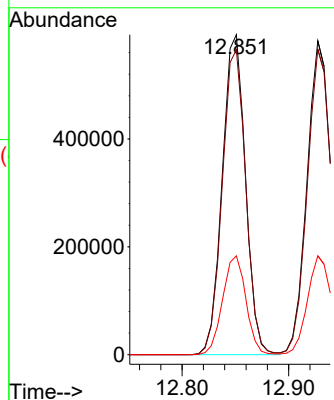
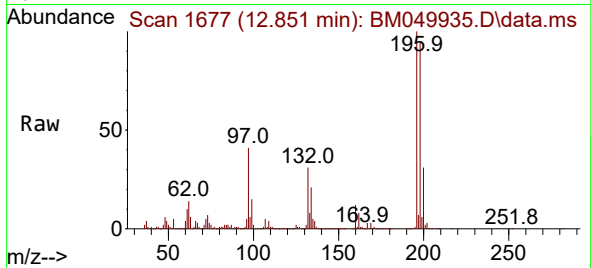




#43
2,4,6-Trichlorophenol
Concen: 45.047 ng
RT: 12.851 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

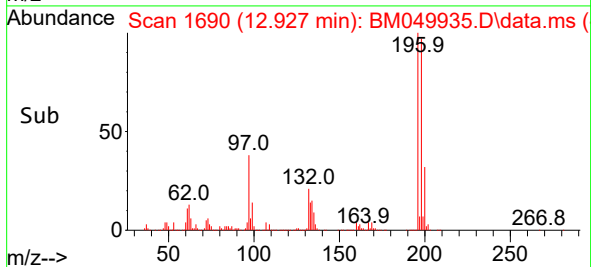
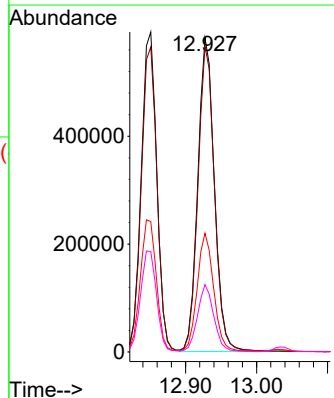
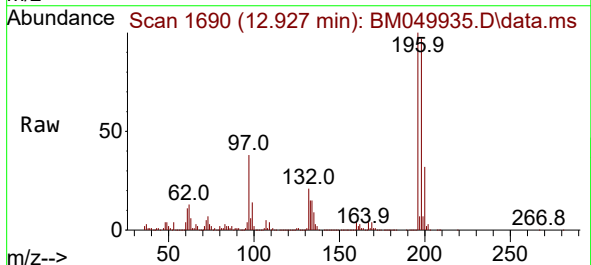
Instrument :
BNA_M
ClientSampleId :
TP-1MS

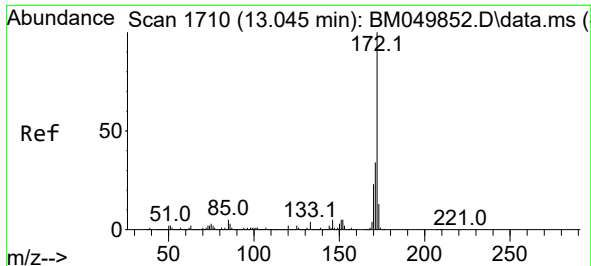
Tgt Ion:196 Resp: 899272
Ion Ratio Lower Upper
196 100
198 95.3 76.1 114.1
200 30.9 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 43.763 ng
RT: 12.927 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:196 Resp: 949395
Ion Ratio Lower Upper
196 100
198 97.3 77.7 116.5
97 37.8 30.3 45.5
132 21.4 17.3 25.9

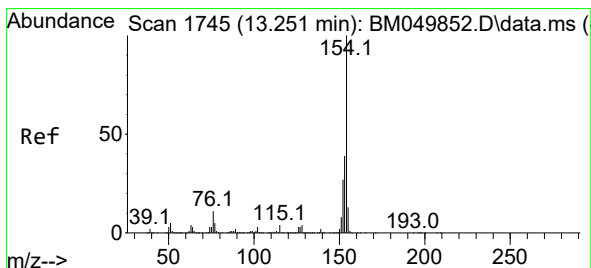
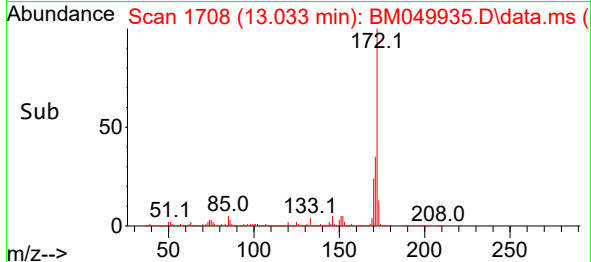
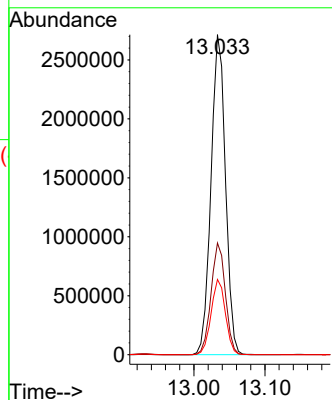
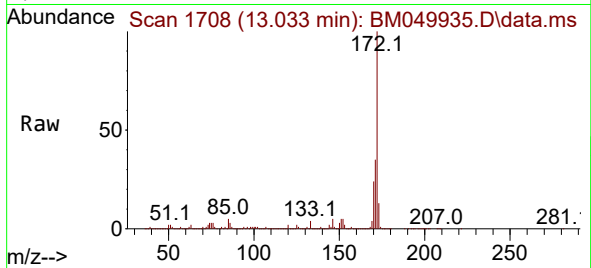




#45
2-Fluorobiphenyl
Concen: 58.063 ng
RT: 13.033 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

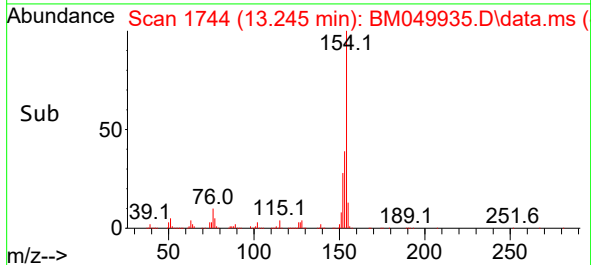
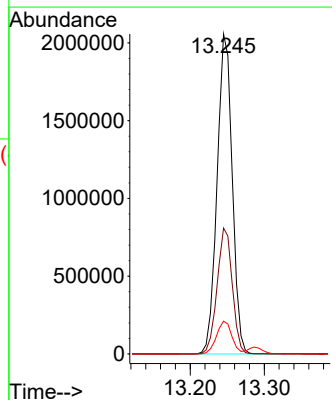
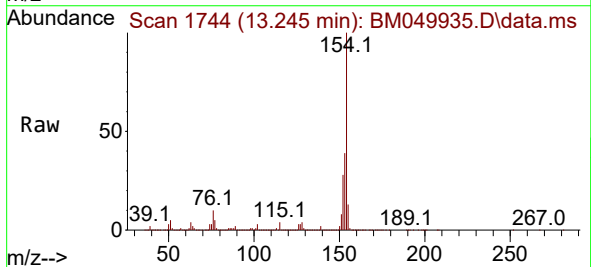
Instrument :
BNA_M
ClientSampleId :
TP-1MS

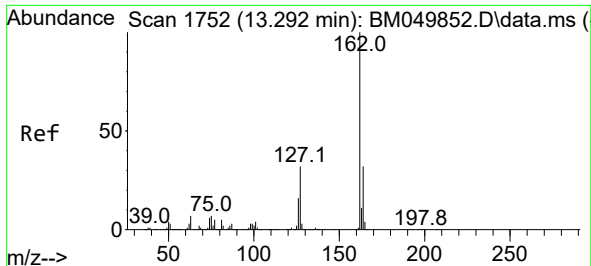
Tgt Ion:172 Resp: 3839694
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.2
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 43.724 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:154 Resp: 2914613
Ion Ratio Lower Upper
154 100
153 39.4 19.3 59.3
76 10.3 0.0 30.7

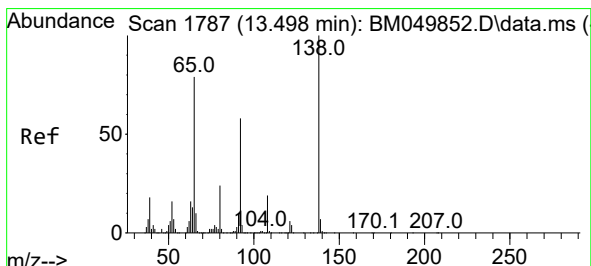
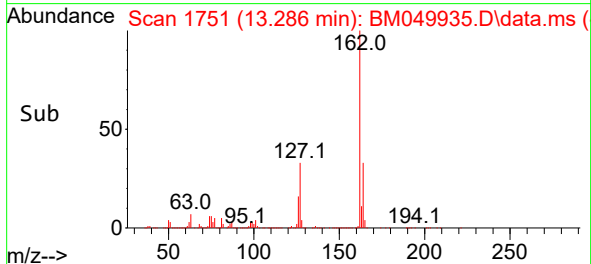
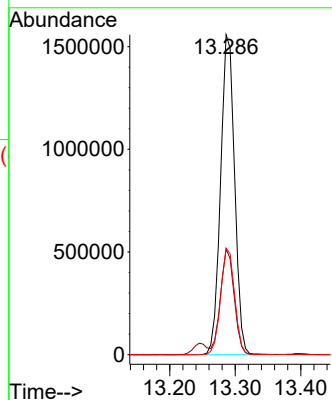
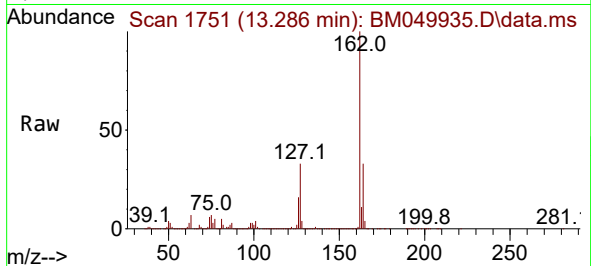




#47
2-Chloronaphthalene
Concen: 43.926 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

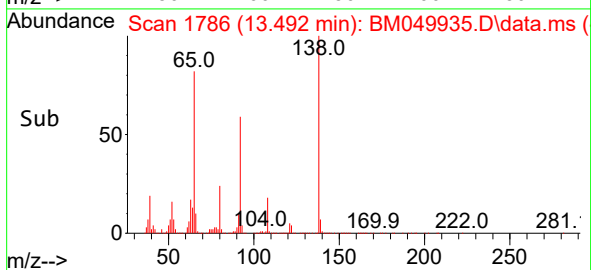
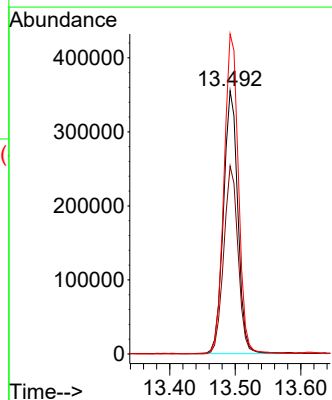
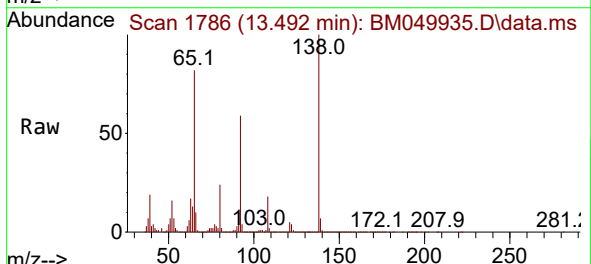
Instrument :
BNA_M
ClientSampleId :
TP-1MS

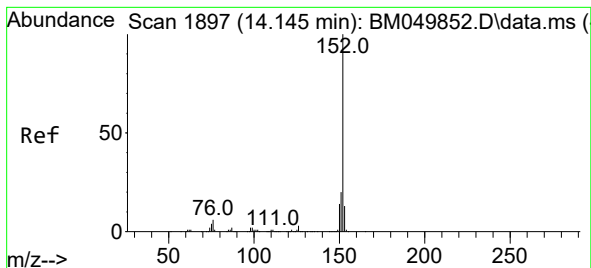
Tgt Ion:162 Resp: 2301433
Ion Ratio Lower Upper
162 100
127 33.0 26.0 39.0
164 33.2 25.9 38.9



#48
2-Nitroaniline
Concen: 44.484 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion: 65 Resp: 539193
Ion Ratio Lower Upper
65 100
92 71.4 58.4 87.6
138 121.5 100.8 151.2





#49

Acenaphthylene

Concen: 51.754 ng

RT: 14.139 min Scan# 1896

Delta R.T. -0.006 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

Instrument :

BNA_M

ClientSampleId :

TP-1MS

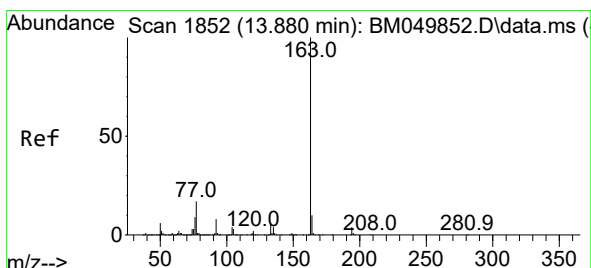
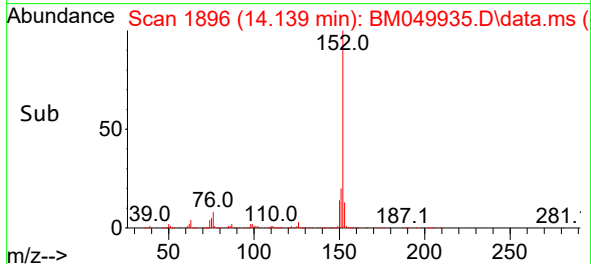
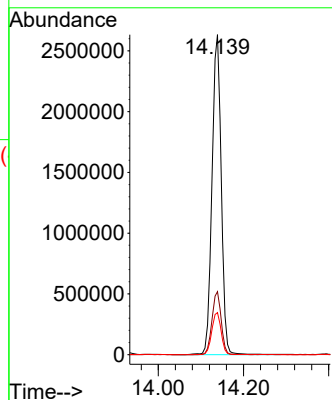
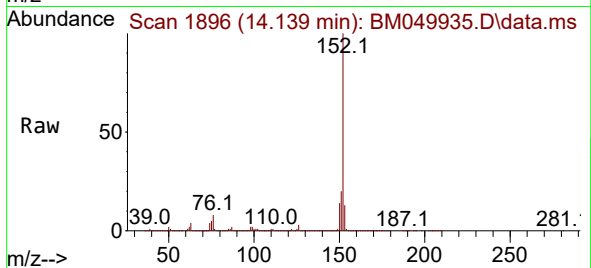
Tgt Ion:152 Resp: 3949827

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 41.273 ng

RT: 13.874 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

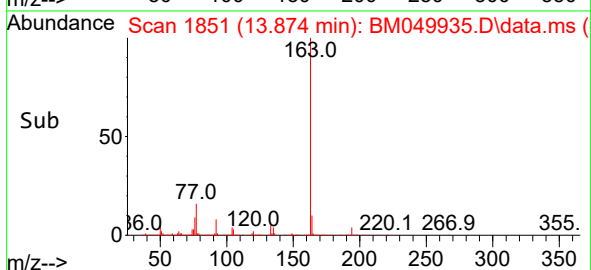
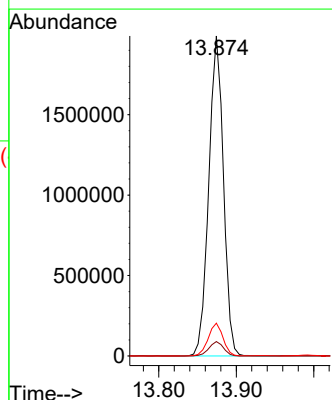
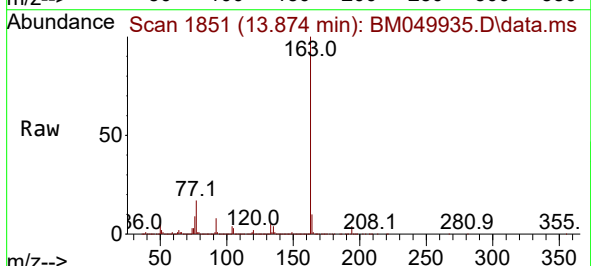
Tgt Ion:163 Resp: 2611021

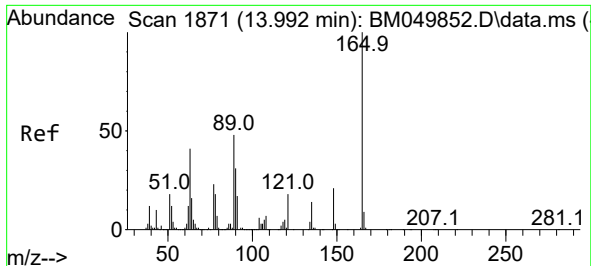
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.3 7.9 11.9

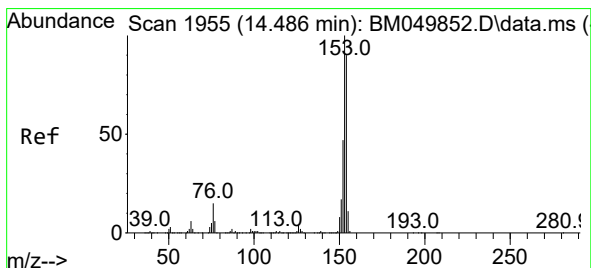
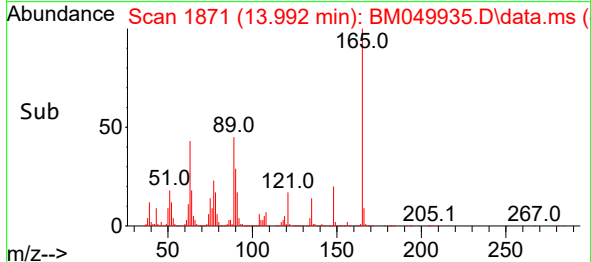
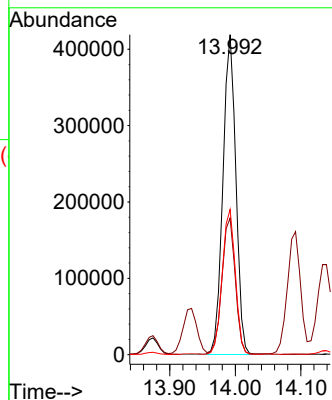
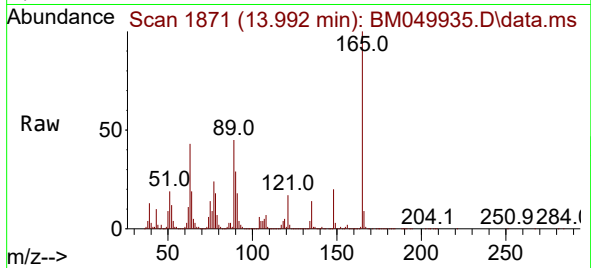




#51
2,6-Dinitrotoluene
Concen: 43.142 ng
RT: 13.992 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

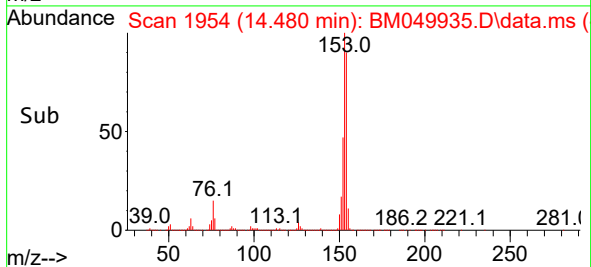
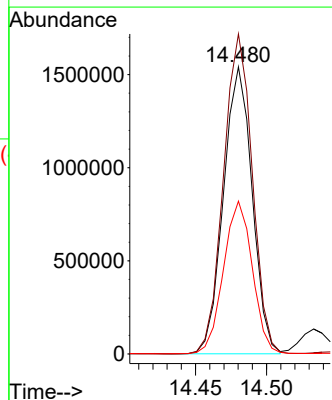
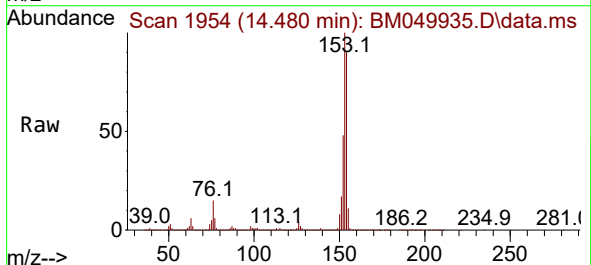
Instrument :
BNA_M
ClientSampleId :
TP-1MS

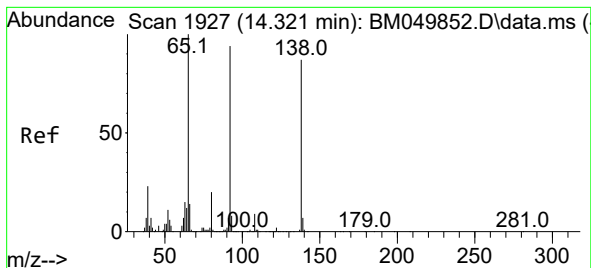
Tgt Ion:165 Resp: 571815
Ion Ratio Lower Upper
165 100
63 42.7 36.1 54.1
89 45.4 38.3 57.5



#52
Acenaphthene
Concen: 44.603 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:154 Resp: 2165253
Ion Ratio Lower Upper
154 100
153 111.5 89.3 133.9
152 53.3 42.2 63.2

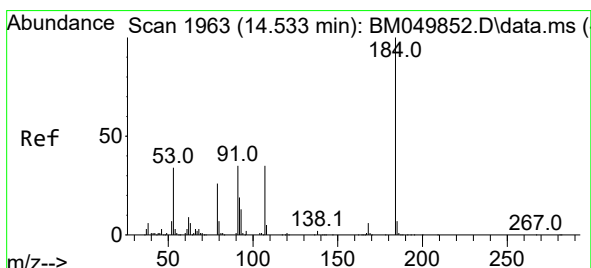
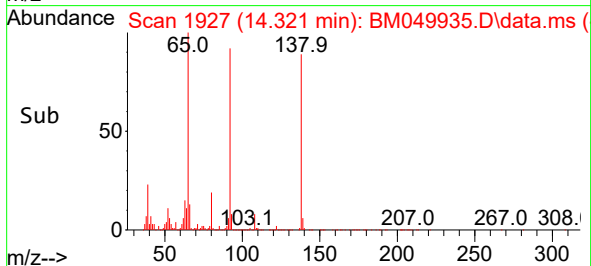
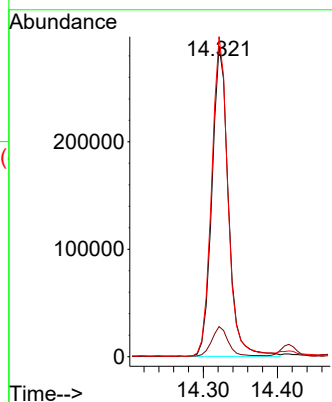
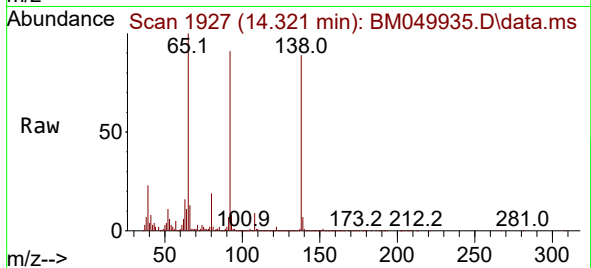




#53
3-Nitroaniline
Concen: 34.707 ng
RT: 14.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

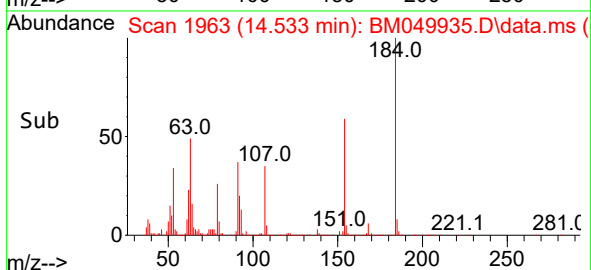
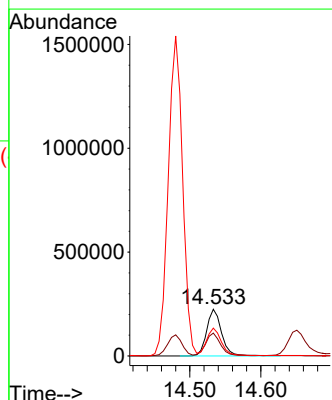
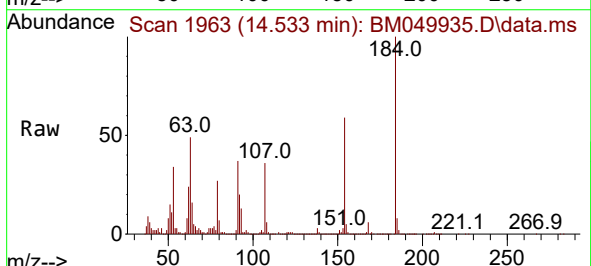
Instrument :
BNA_M
ClientSampleId :
TP-1MS

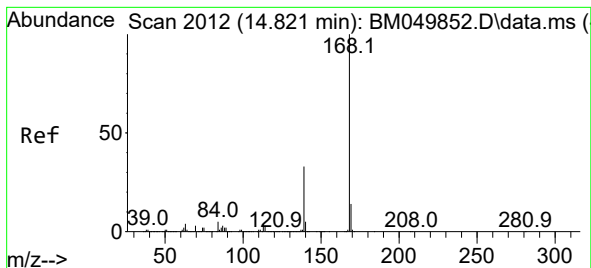
Tgt Ion:138 Resp: 444610
Ion Ratio Lower Upper
138 100
108 9.7 8.1 12.1
92 103.0 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 38.461 ng
RT: 14.533 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:184 Resp: 329592
Ion Ratio Lower Upper
184 100
63 49.1 38.4 57.6
154 59.5 48.1 72.1





#55

Dibenzenofuran

Concen: 42.326 ng

RT: 14.815 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

Instrument :

BNA_M

ClientSampleId :

TP-1MS

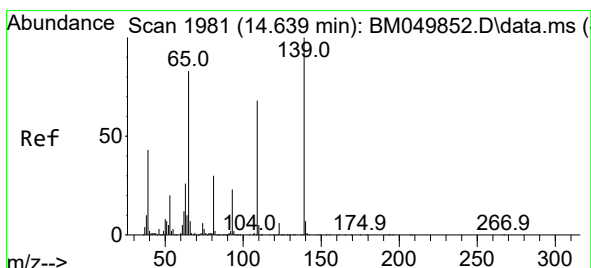
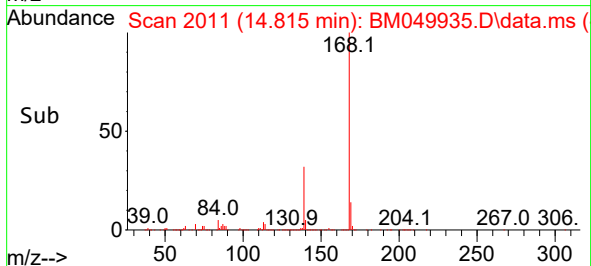
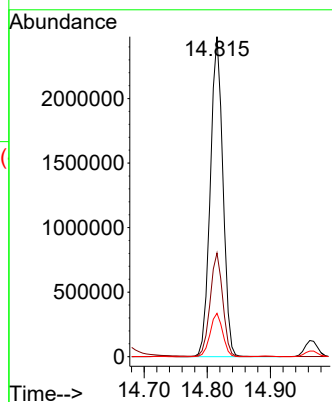
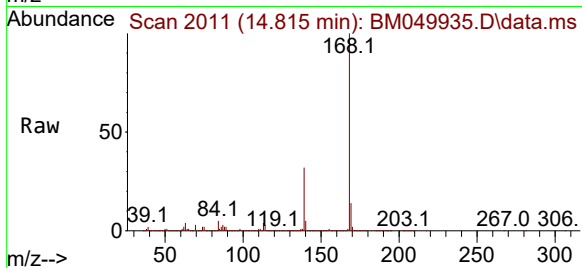
Tgt Ion:168 Resp: 3434875

Ion Ratio Lower Upper

168 100

139 32.4 26.6 39.8

169 13.6 11.0 16.4



#56

4-Nitrophenol

Concen: 83.381 ng

RT: 14.651 min Scan# 1983

Delta R.T. 0.012 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

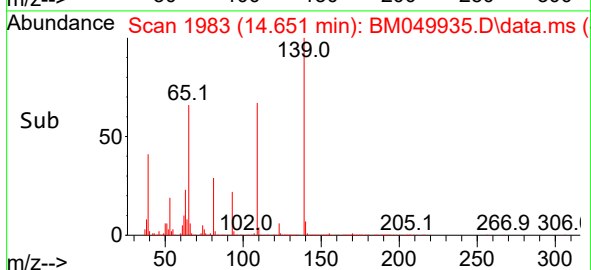
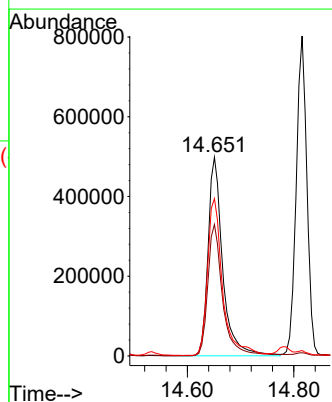
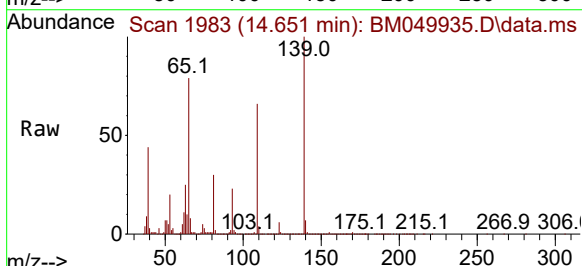
Tgt Ion:139 Resp: 951858

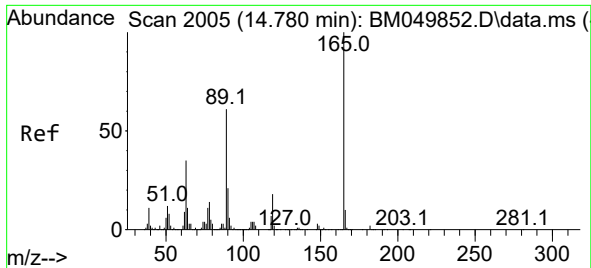
Ion Ratio Lower Upper

139 100

109 66.2 47.9 87.9

65 79.3 62.7 102.7

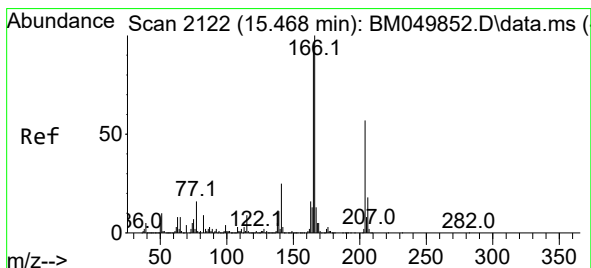
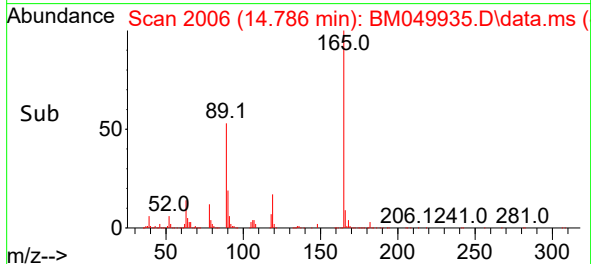
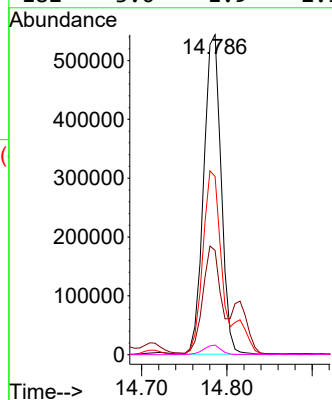
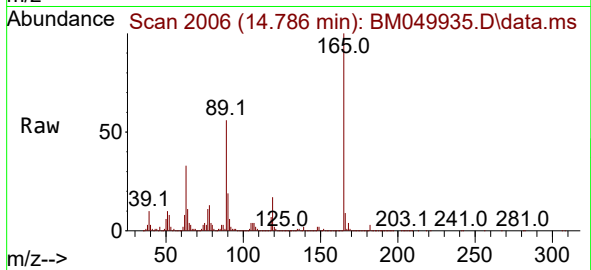




#57
2,4-Dinitrotoluene
Concen: 43.557 ng
RT: 14.786 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

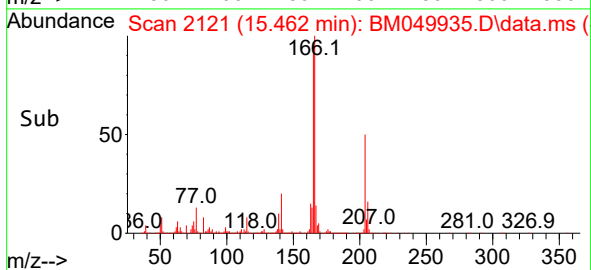
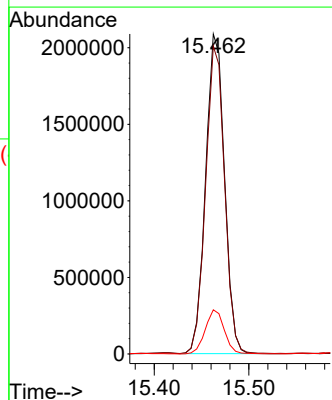
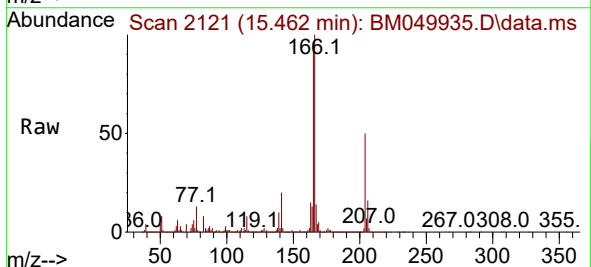
Instrument :
BNA_M
ClientSampleId :
TP-1MS

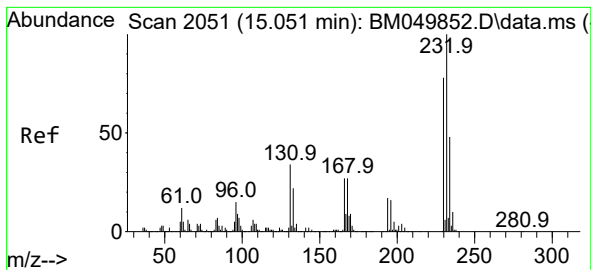
Tgt Ion:165 Resp: 770202
Ion Ratio Lower Upper
165 100
63 32.6 28.6 42.8
89 55.7 49.0 73.6
182 3.0 1.9 2.9#



#58
Fluorene
Concen: 44.983 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:166 Resp: 2901748
Ion Ratio Lower Upper
166 100
165 96.2 76.3 114.5
167 13.8 10.7 16.1

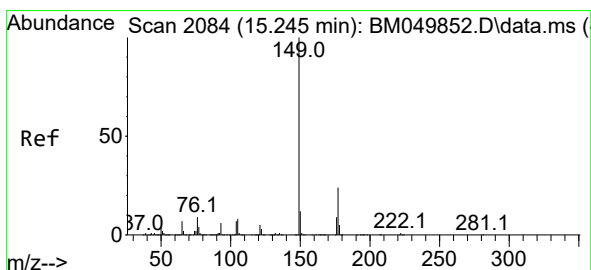
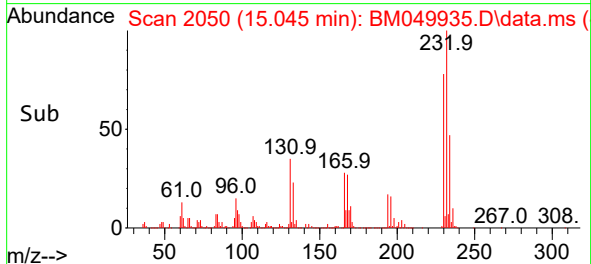
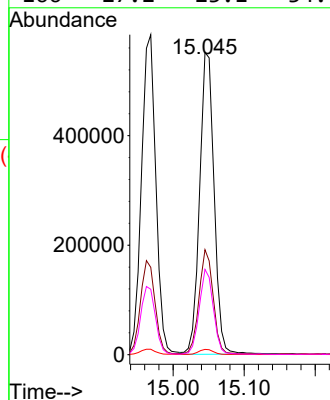
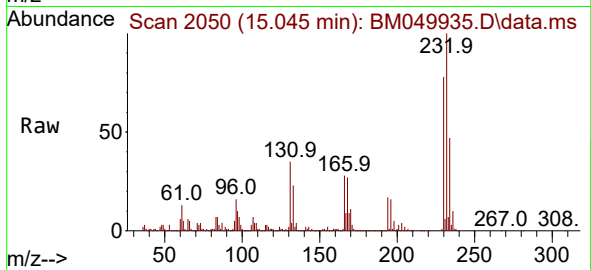




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.336 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

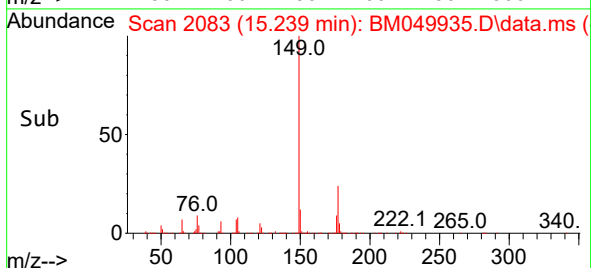
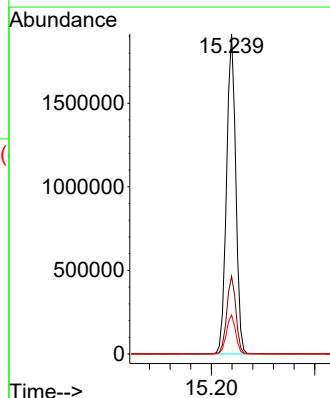
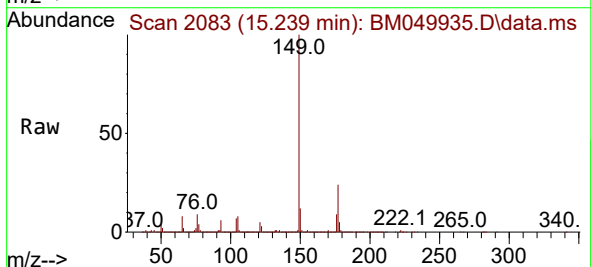
Instrument :
BNA_M
ClientSampleId :
TP-1MS

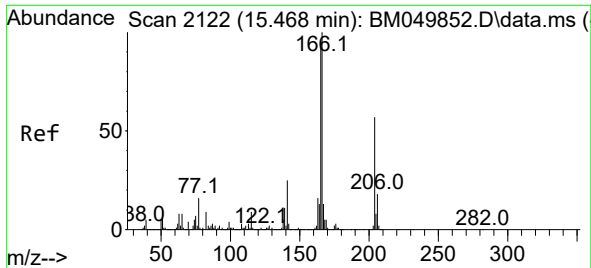
Tgt Ion:	232	Resp:	785963
Ion	Ratio	Lower	Upper
232	100		
131	33.8	28.4	42.6
130	1.7	1.6	2.4
166	27.2	23.1	34.7



#60
Diethylphthalate
Concen: 38.978 ng
RT: 15.239 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:	149	Resp:	2364733
Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.0	28.4
150	12.2	9.7	14.5

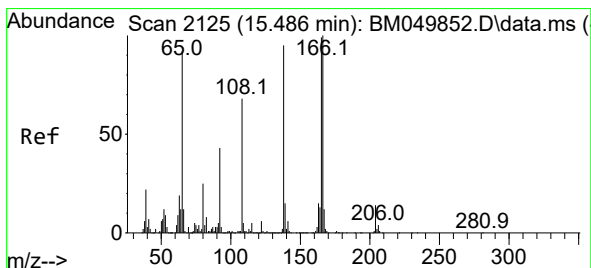
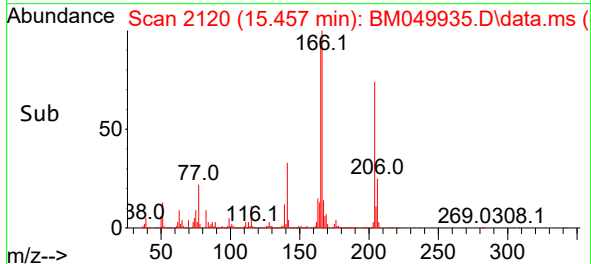
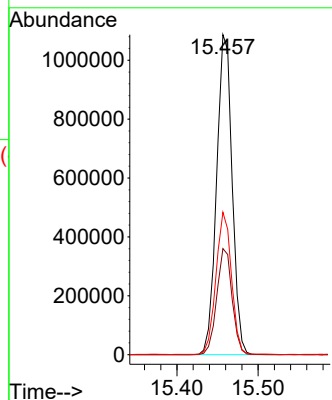
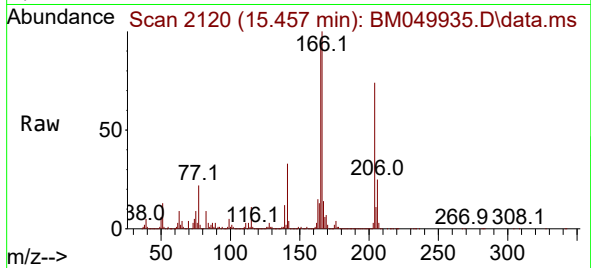




#61
4-Chlorophenyl-phenylether
Concen: 41.869 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

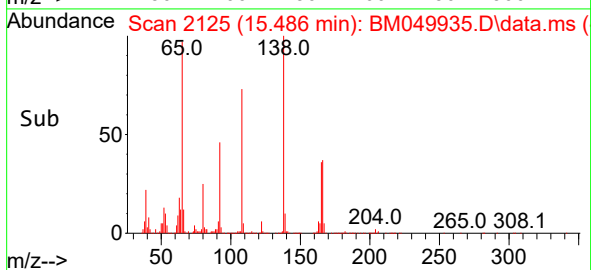
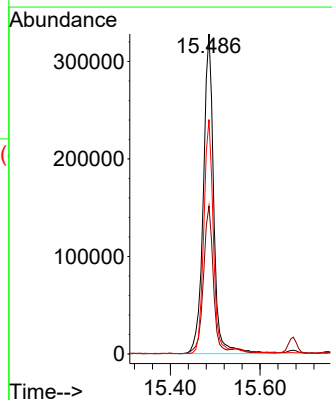
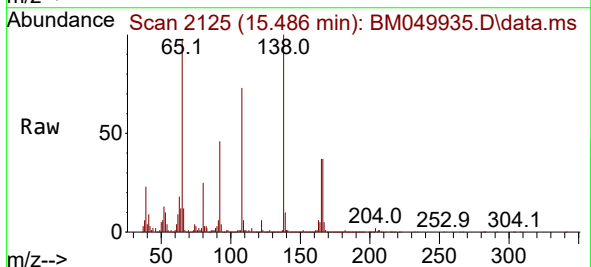
Instrument :
BNA_M
ClientSampleId :
TP-1MS

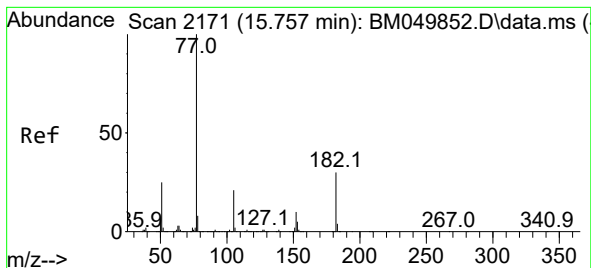
Tgt Ion:204 Resp: 1448028
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 44.5 35.0 52.6



#62
4-Nitroaniline
Concen: 40.036 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:138 Resp: 530390
Ion Ratio Lower Upper
138 100
92 46.3 24.9 64.9
108 73.3 51.7 91.7





#63

Azobenzene

Concen: 43.301 ng

RT: 15.751 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

Instrument :

BNA_M

ClientSampleId :

TP-1MS

Tgt Ion: 77 Resp: 2249111

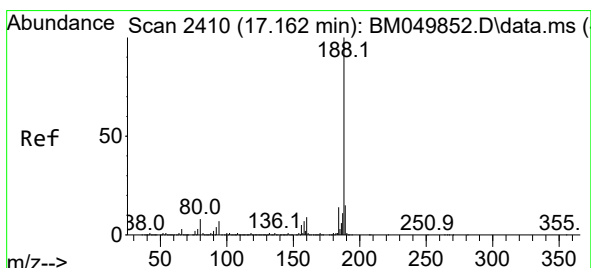
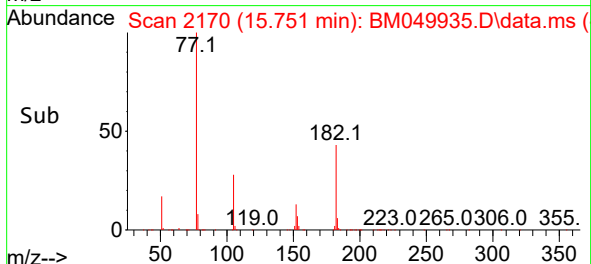
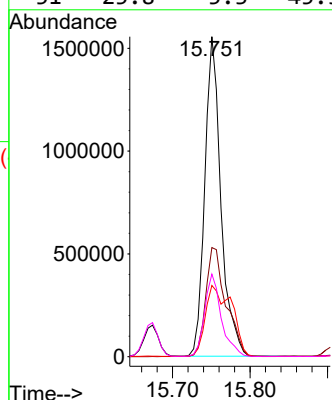
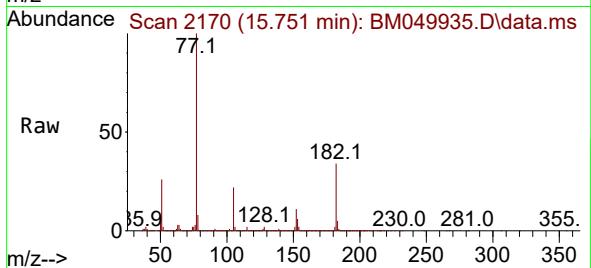
Ion Ratio Lower Upper

77 100

182 34.1 10.4 50.4

105 22.3 1.5 41.5

51 25.8 5.3 45.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.162 min Scan# 2410

Delta R.T. -0.000 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

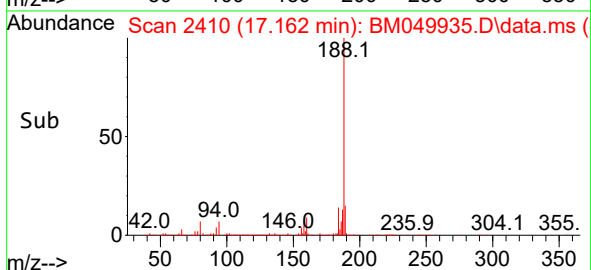
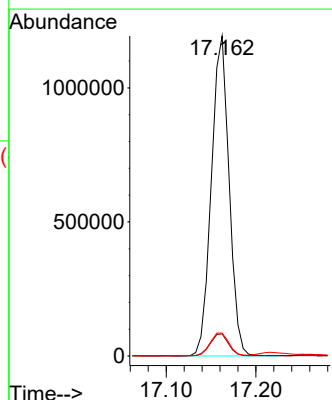
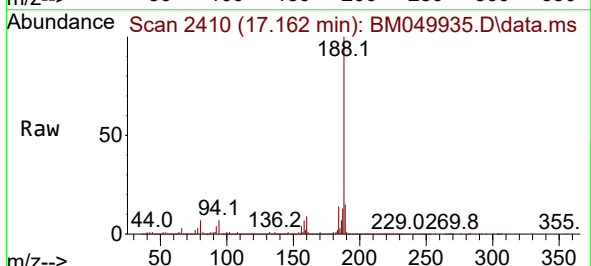
Tgt Ion:188 Resp: 1636789

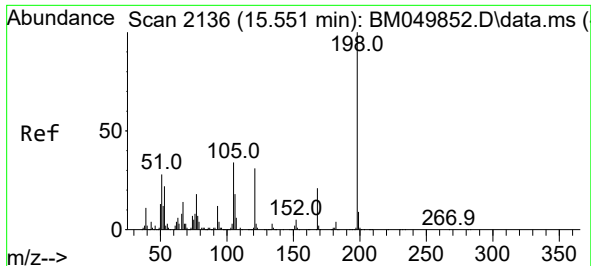
Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.6

80 7.1 6.4 9.6

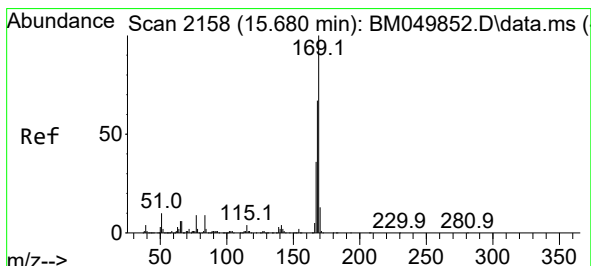
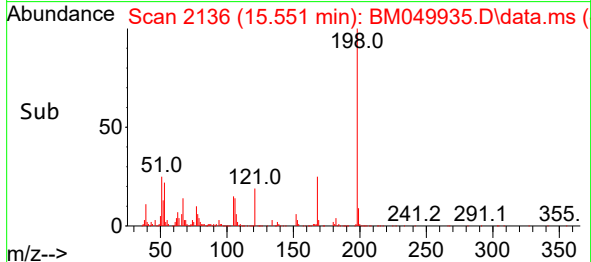
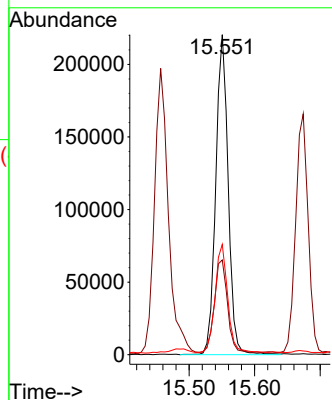
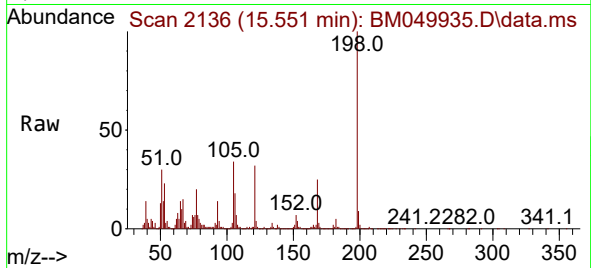




#65
4,6-Dinitro-2-methylphenol
Concen: 28.107 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

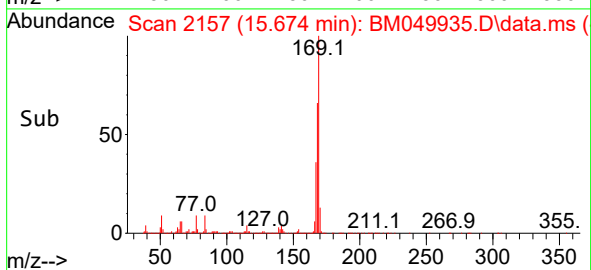
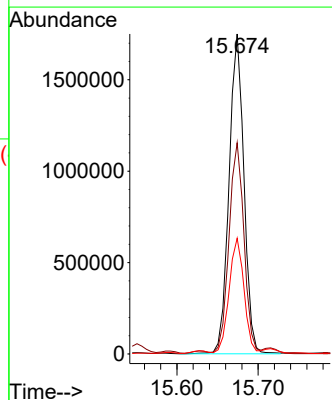
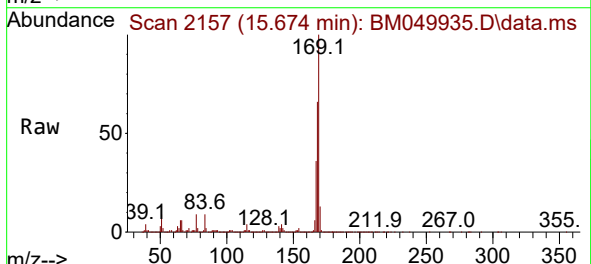
Instrument :
BNA_M
ClientSampleId :
TP-1MS

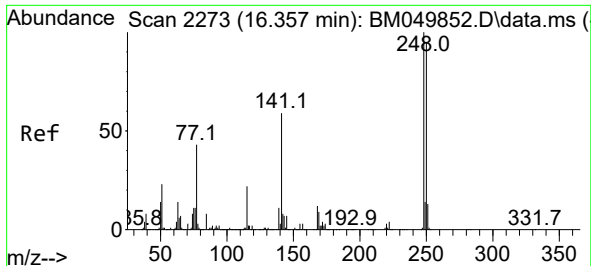
Tgt Ion:198 Resp: 289901
Ion Ratio Lower Upper
198 100
51 29.6 9.6 49.6
105 34.4 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 45.506 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:169 Resp: 2229007
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.2
167 36.1 29.0 43.6

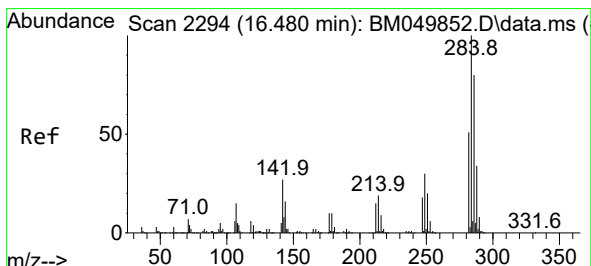
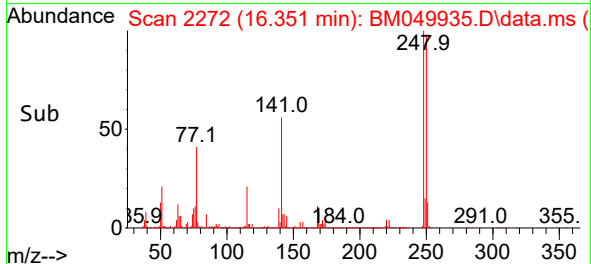
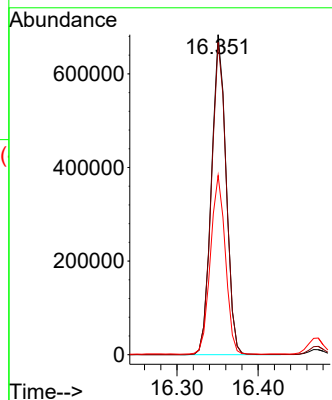
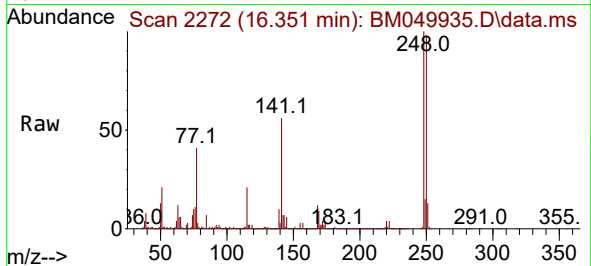




#67
4-Bromophenyl-phenylether
Concen: 45.000 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

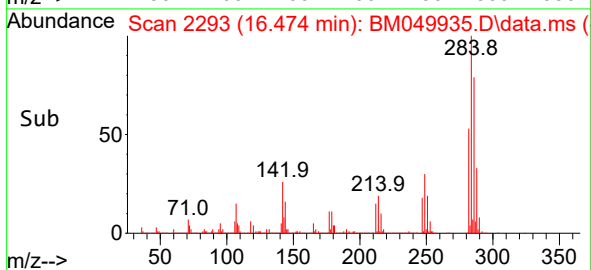
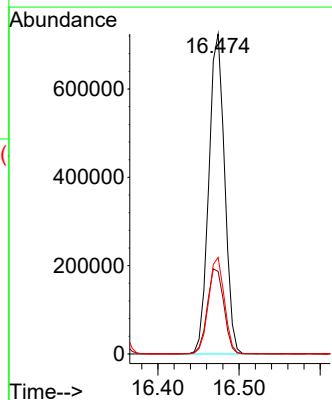
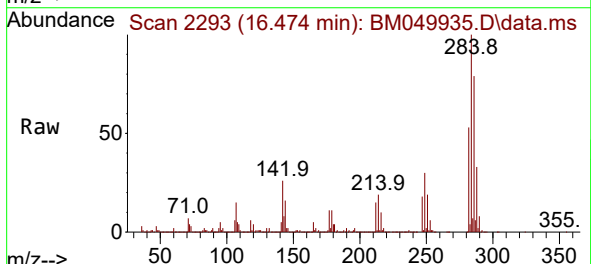
Instrument :
BNA_M
ClientSampleId :
TP-1MS

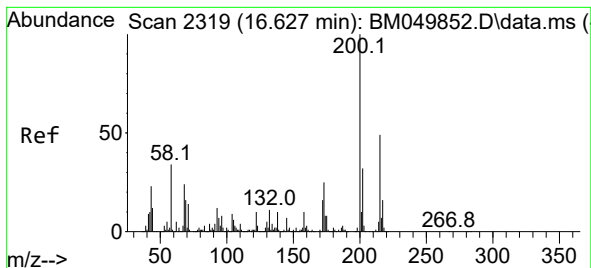
Tgt Ion:248 Resp: 855056
Ion Ratio Lower Upper
248 100
250 97.6 76.2 114.2
141 56.0 47.3 70.9



#68
Hexachlorobenzene
Concen: 44.975 ng
RT: 16.474 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:284 Resp: 980225
Ion Ratio Lower Upper
284 100
142 25.8 21.2 31.8
249 30.2 24.1 36.1





#69

Atrazine

Concen: 59.157 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

Instrument :

BNA_M

ClientSampleId :

TP-1MS

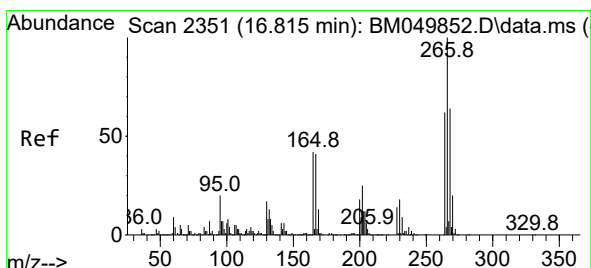
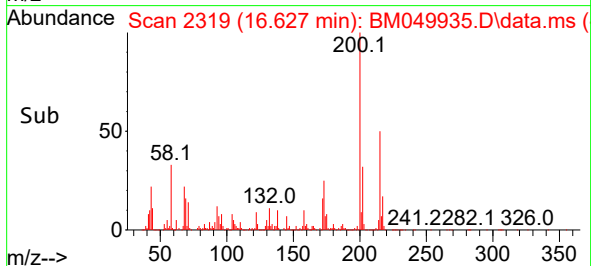
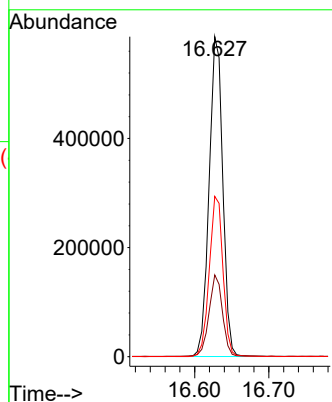
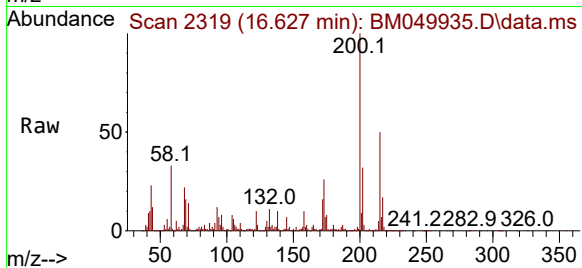
Tgt Ion:200 Resp: 751320

Ion Ratio Lower Upper

200 100

173 25.6 5.4 45.4

215 50.1 29.0 69.0



#70

Pentachlorophenol

Concen: 94.712 ng

RT: 16.821 min Scan# 2352

Delta R.T. 0.006 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

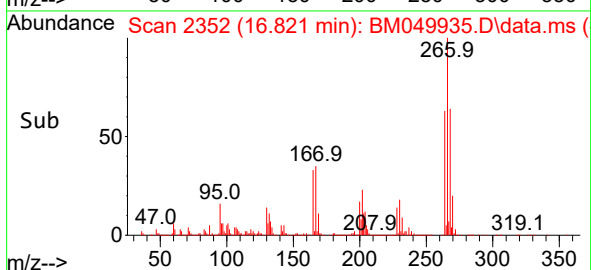
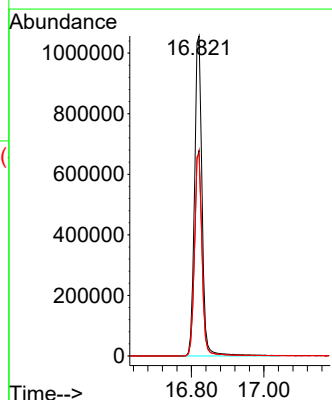
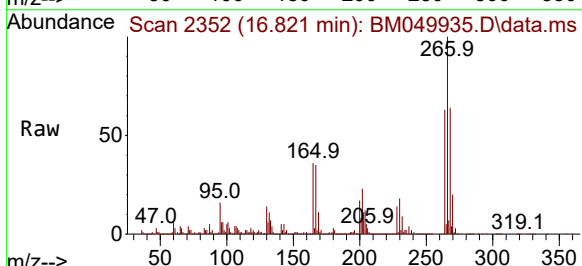
Tgt Ion:266 Resp: 1519735

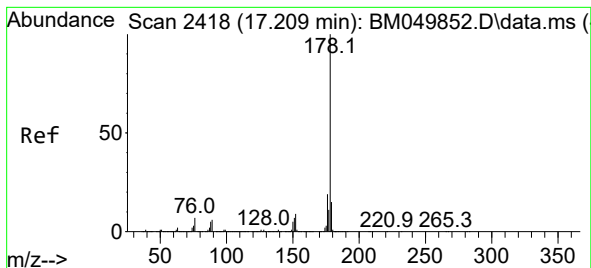
Ion Ratio Lower Upper

266 100

268 64.2 51.4 77.2

264 62.7 49.8 74.8





#71

Phenanthrene

Concen: 79.344 ng

RT: 17.203 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

Instrument :

BNA_M

ClientSampleId :

TP-1MS

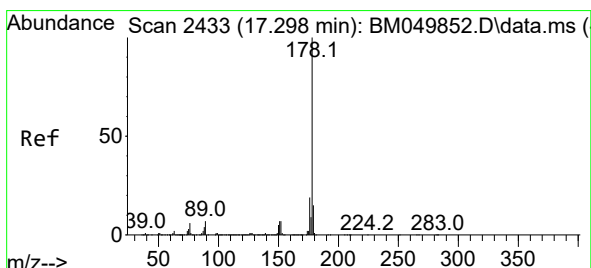
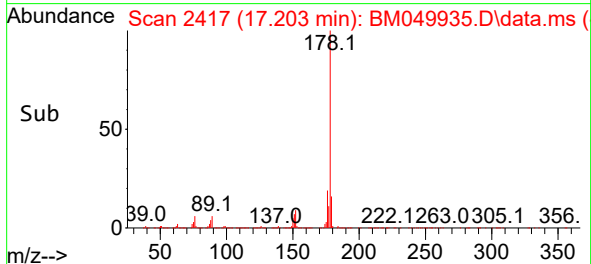
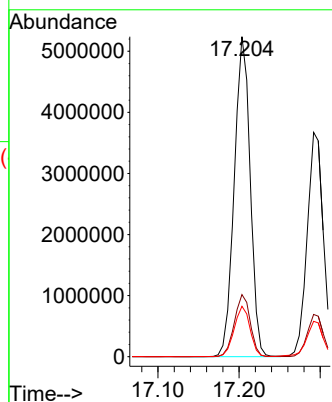
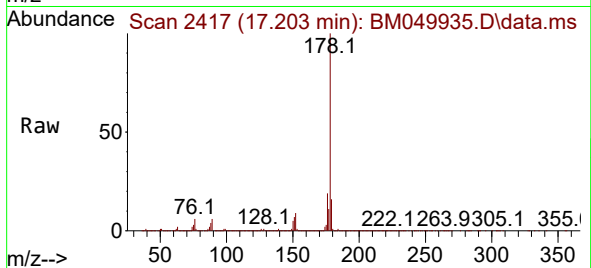
Tgt Ion:178 Resp: 7119987

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.8 12.3 18.5



#72

Anthracene

Concen: 56.874 ng

RT: 17.292 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

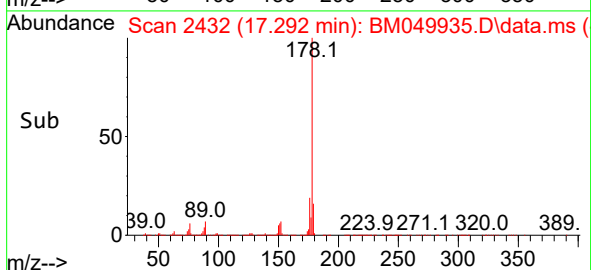
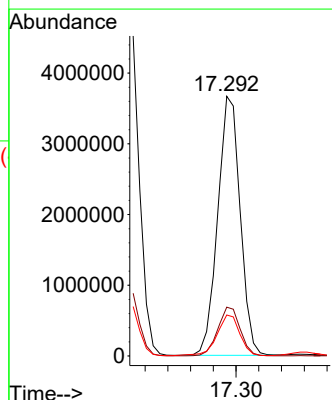
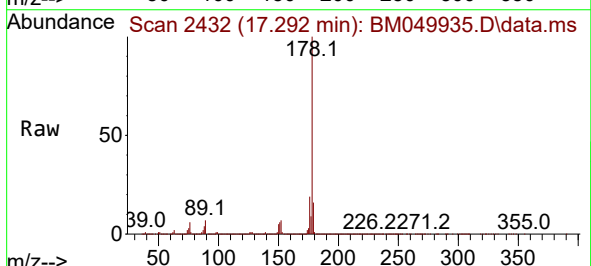
Tgt Ion:178 Resp: 5029521

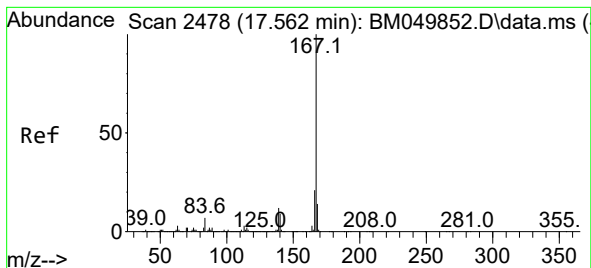
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.8 12.4 18.6





#73

Carbazole

Concen: 45.610 ng

RT: 17.562 min Scan# 2478

Delta R.T. -0.000 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

Instrument :

BNA_M

ClientSampleId :

TP-1MS

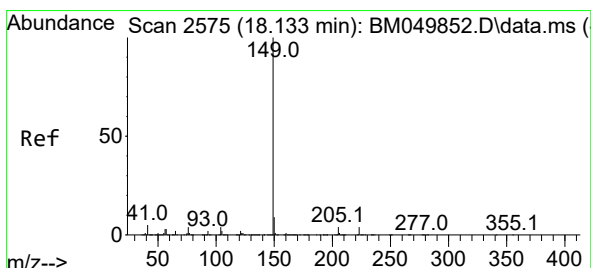
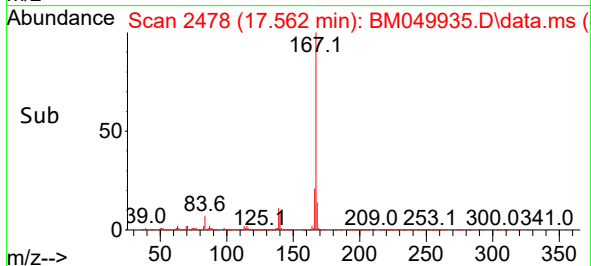
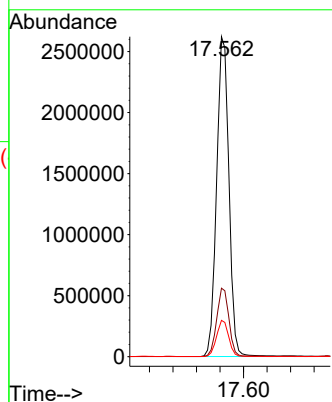
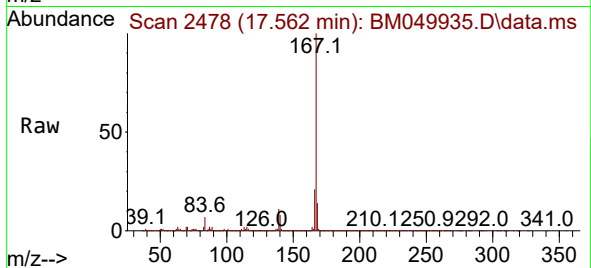
Tgt Ion:167 Resp: 3798997

Ion Ratio Lower Upper

167 100

166 21.4 16.9 25.3

139 11.4 9.3 13.9



#74

Di-n-butylphthalate

Concen: 39.629 ng

RT: 18.127 min Scan# 2574

Delta R.T. -0.006 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

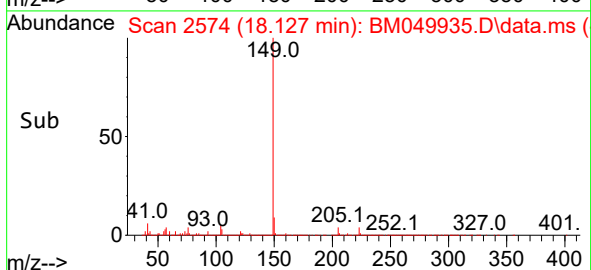
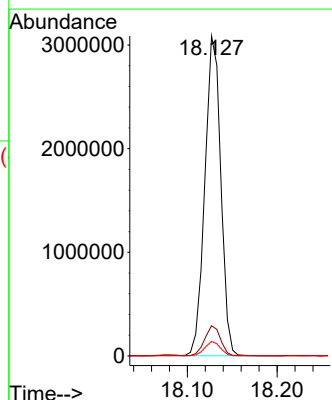
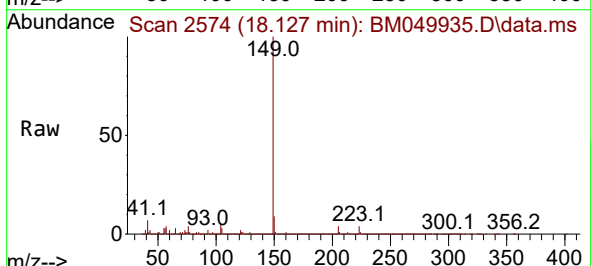
Tgt Ion:149 Resp: 3801914

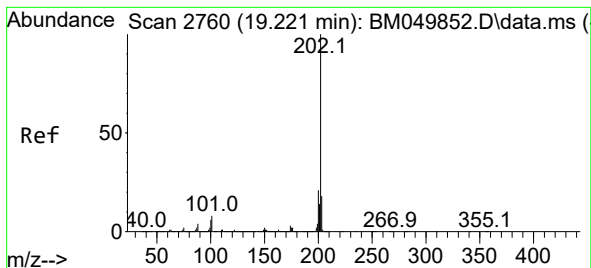
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.5 3.5 5.3





#75

Fluoranthene

Concen: 105.278 ng

RT: 19.221 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

Instrument :

BNA_M

ClientSampleId :

TP-1MS

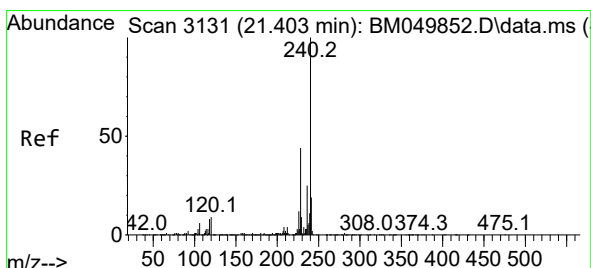
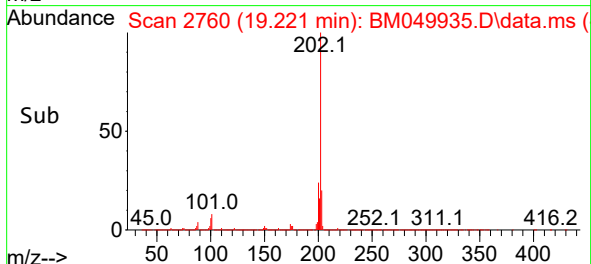
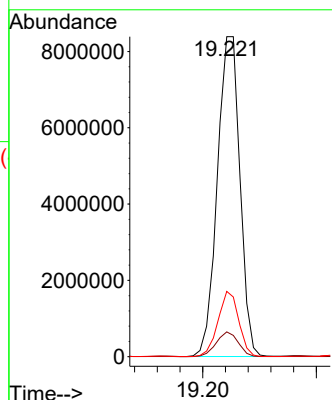
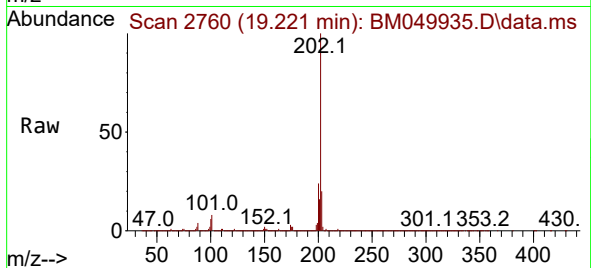
Tgt Ion:202 Resp:11615697

Ion Ratio Lower Upper

202 100

101 7.8 0.0 28.4

203 20.4 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.403 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

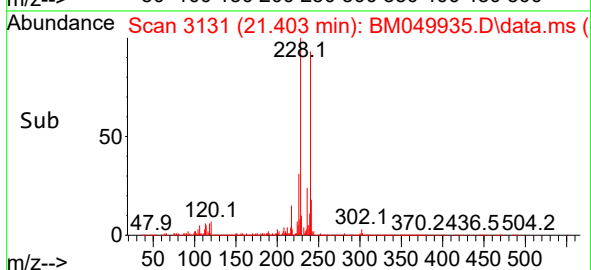
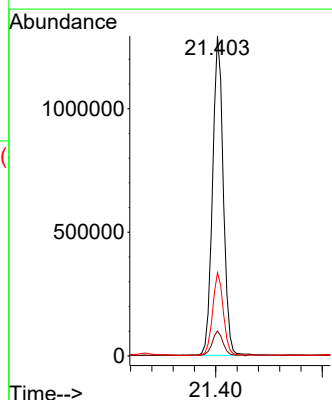
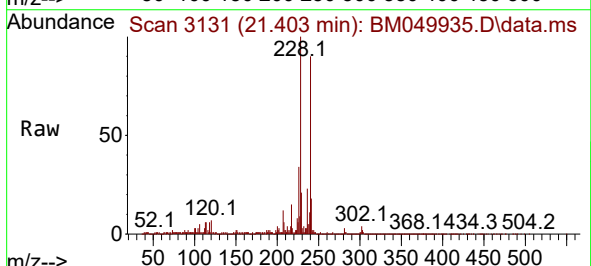
Tgt Ion:240 Resp: 1803883

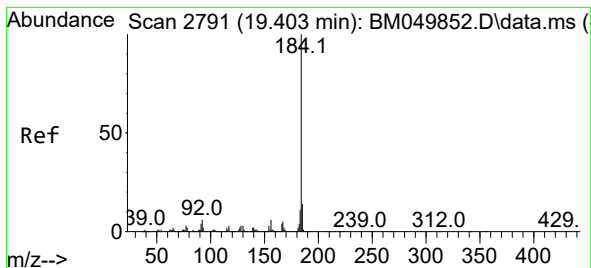
Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

236 26.0 20.4 30.6





#77

Benzidine

Concen: 48.322 ng

RT: 19.409 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

Instrument :

BNA_M

ClientSampleId :

TP-1MS

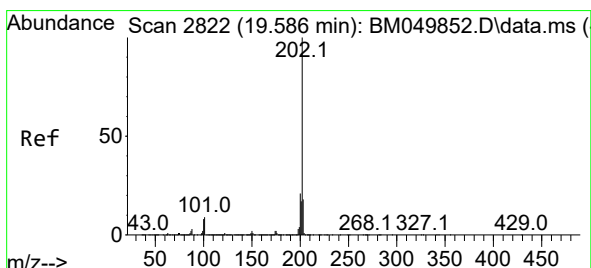
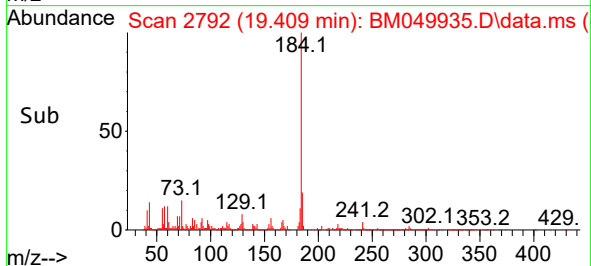
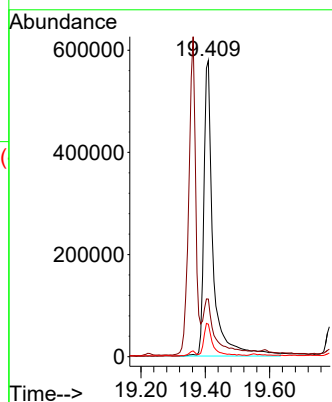
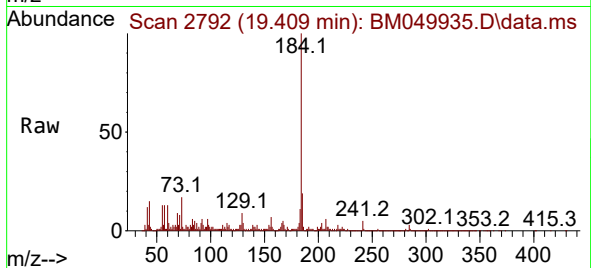
Tgt Ion:184 Resp: 1156392

Ion Ratio Lower Upper

184 100

185 19.5 11.4 17.2#

183 11.0 8.8 13.2



#78

Pyrene

Concen: 92.035 ng

RT: 19.586 min Scan# 2822

Delta R.T. -0.000 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

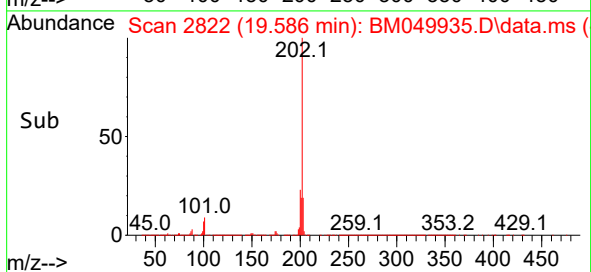
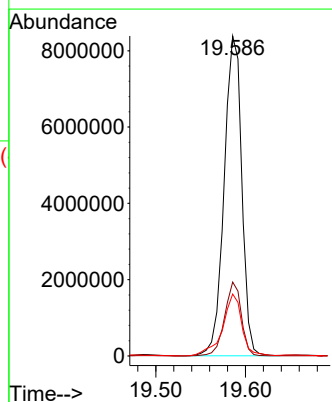
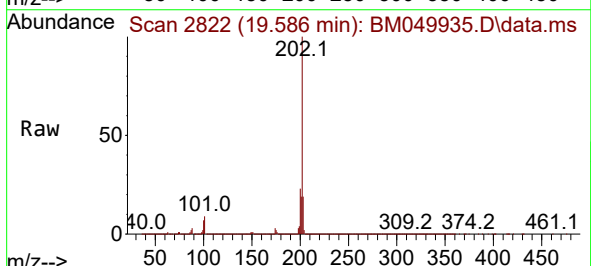
Tgt Ion:202 Resp:11441782

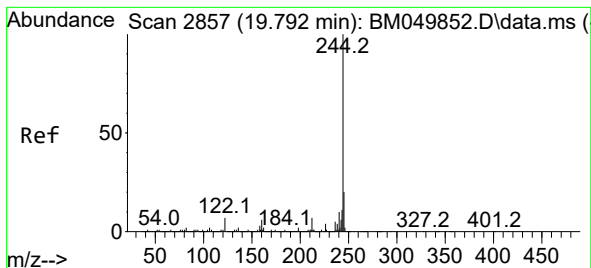
Ion Ratio Lower Upper

202 100

200 23.1 16.5 24.7

203 19.4 14.0 21.0





#79

Terphenyl-d14

Concen: 48.248 ng

RT: 19.786 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

Instrument :

BNA_M

ClientSampleId :

TP-1MS

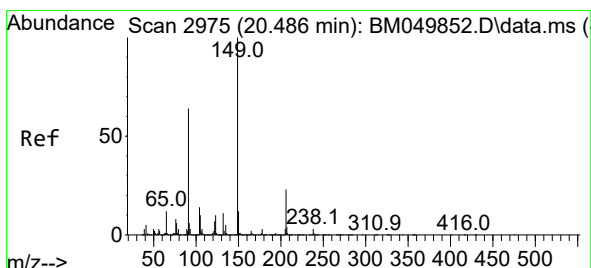
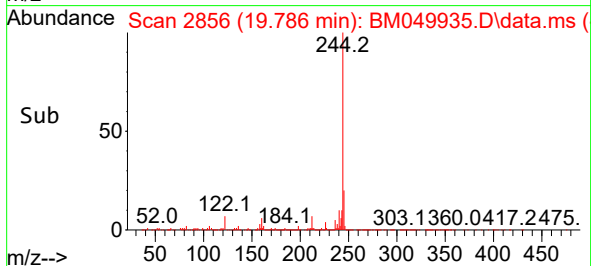
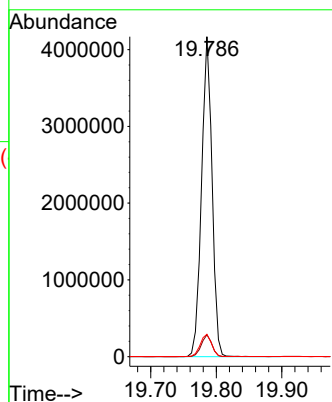
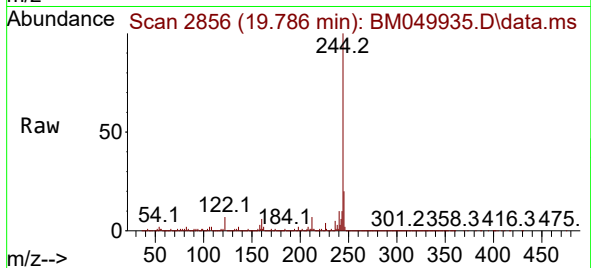
Tgt Ion:244 Resp: 4644165

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 7.0 5.4 8.0



#80

Butylbenzylphthalate

Concen: 38.228 ng

RT: 20.480 min Scan# 2974

Delta R.T. -0.006 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

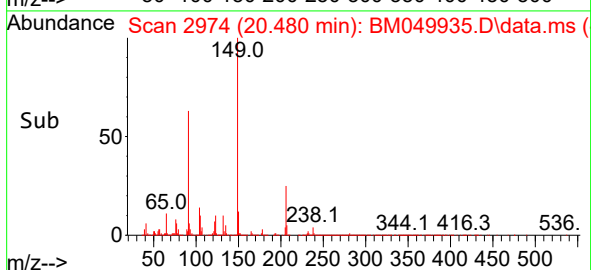
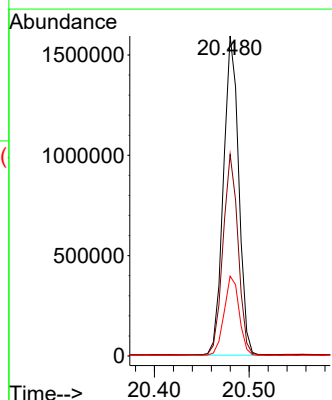
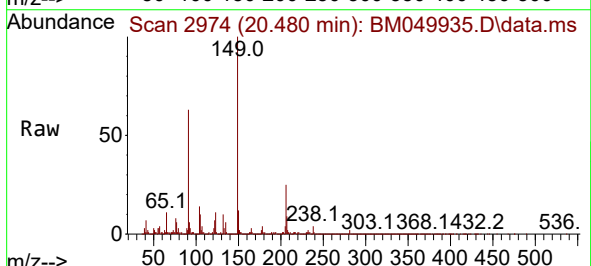
Tgt Ion:149 Resp: 1785794

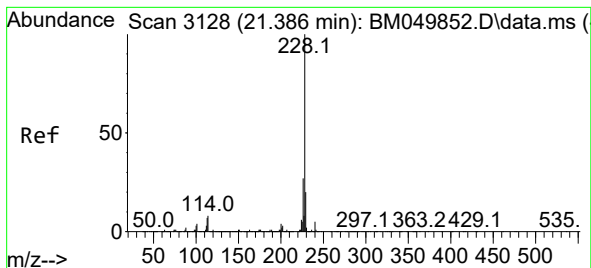
Ion Ratio Lower Upper

149 100

91 63.0 50.9 76.3

206 24.9 18.4 27.6





#81

Benzo(a)anthracene

Concen: 82.742 ng

RT: 21.386 min Scan# 3128

Delta R.T. -0.000 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

Instrument :

BNA_M

ClientSampleId :

TP-1MS

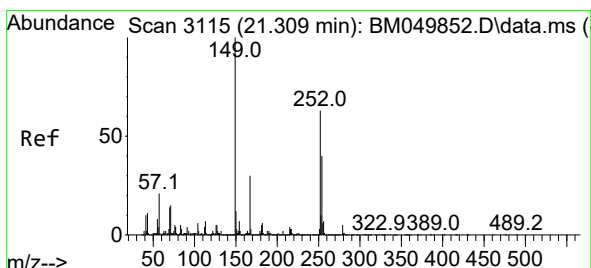
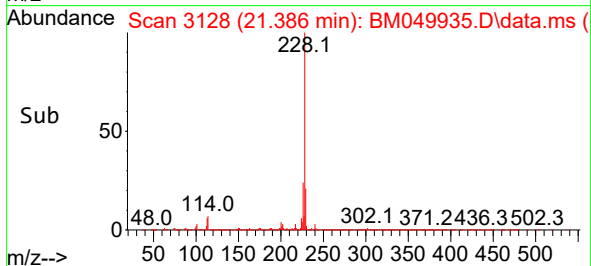
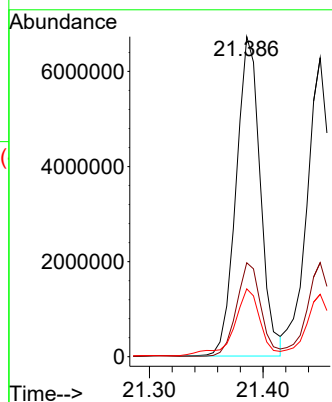
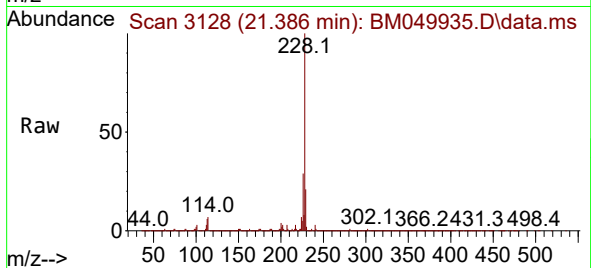
Tgt Ion:228 Resp: 9919515

Ion Ratio Lower Upper

228 100

226 29.4 21.8 32.8

229 21.2 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 19.891 ng

RT: 21.309 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

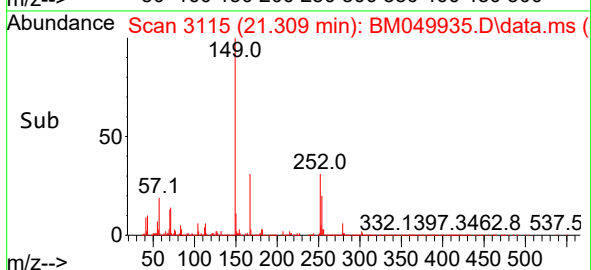
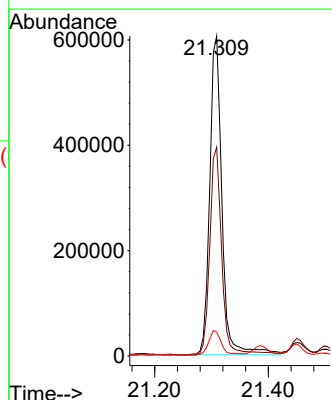
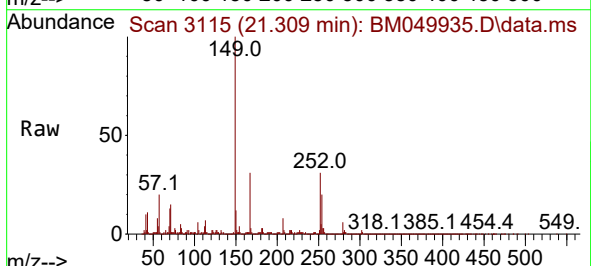
Tgt Ion:252 Resp: 900542

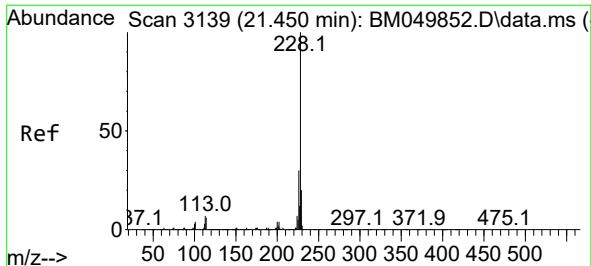
Ion Ratio Lower Upper

252 100

254 65.3 51.5 77.3

126 7.5 6.3 9.5

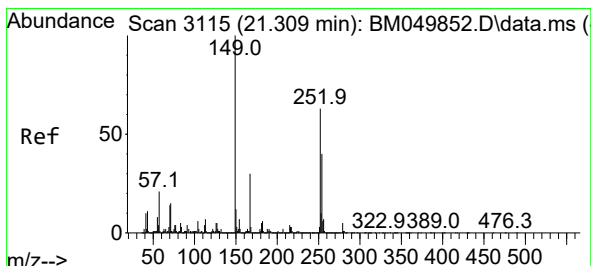
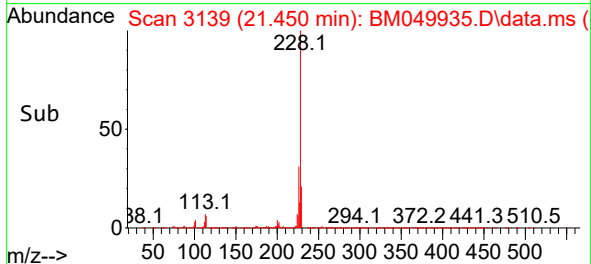
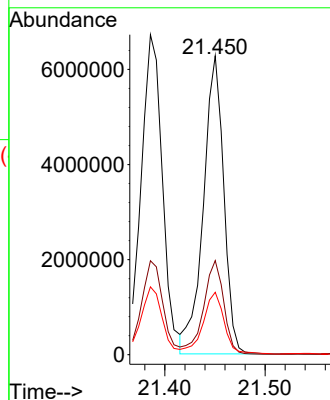
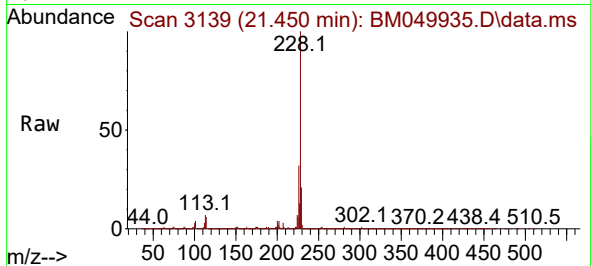




#83
Chrysene
Concen: 77.871 ng
RT: 21.450 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

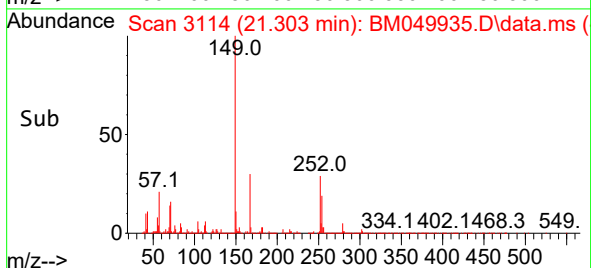
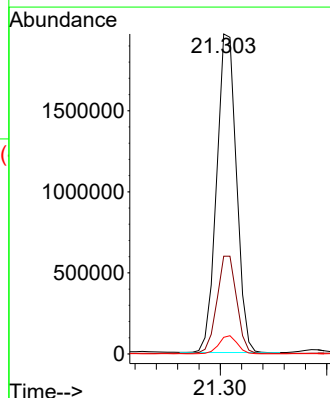
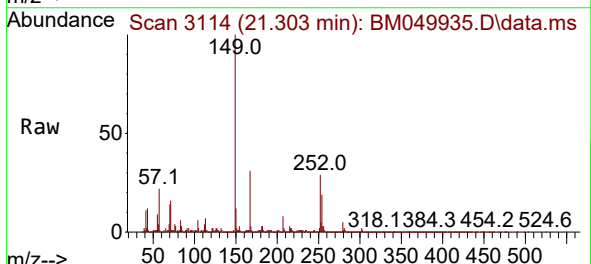
Instrument :
BNA_M
ClientSampleId :
TP-1MS

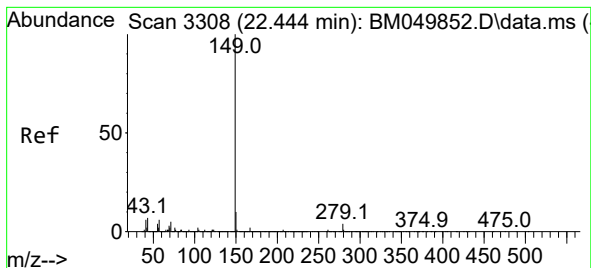
Tgt Ion:228 Resp: 8875398
Ion Ratio Lower Upper
228 100
226 31.5 24.1 36.1
229 20.9 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.110 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:149 Resp: 2525723
Ion Ratio Lower Upper
149 100
167 30.5 23.8 35.6
279 5.2 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 38.540 ng

RT: 22.438 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

Instrument :

BNA_M

ClientSampleId :

TP-1MS

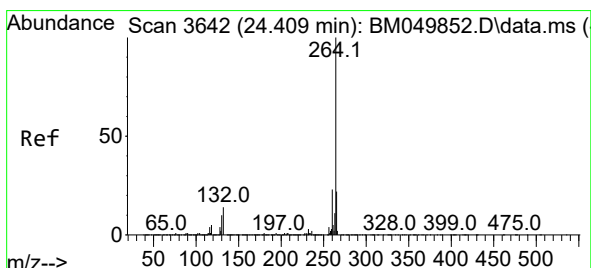
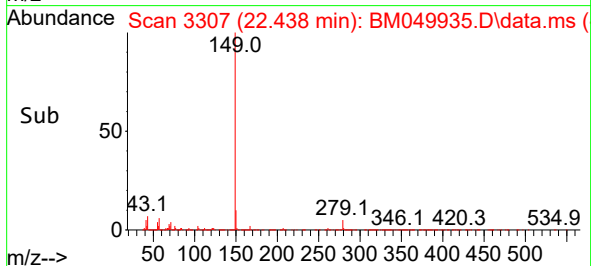
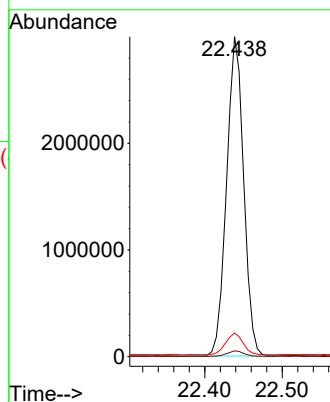
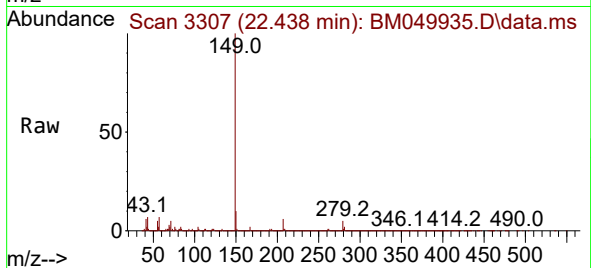
Tgt Ion:149 Resp: 4588806

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 6.9 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.409 min Scan# 3642

Delta R.T. -0.000 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

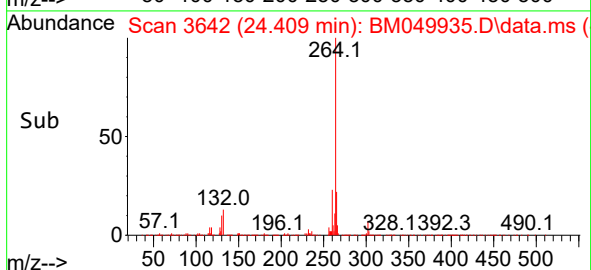
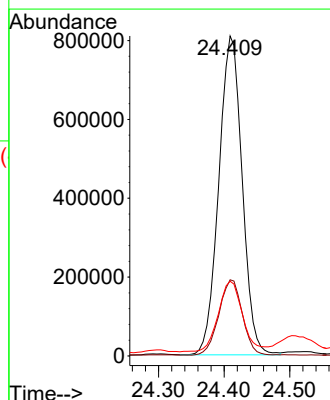
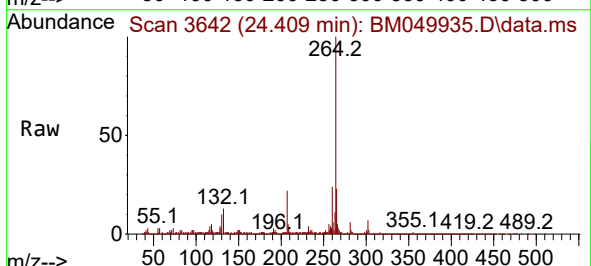
Tgt Ion:264 Resp: 1999768

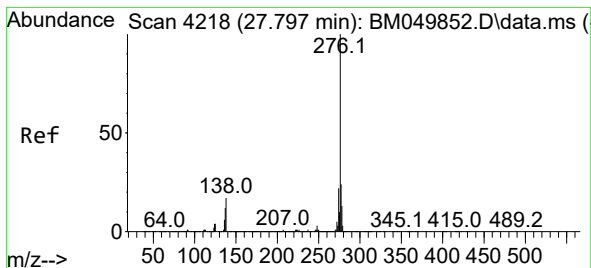
Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 23.3 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 67.764 ng

RT: 27.826 min Scan# 41

Delta R.T. 0.029 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

Instrument :

BNA_M

ClientSampleId :

TP-1MS

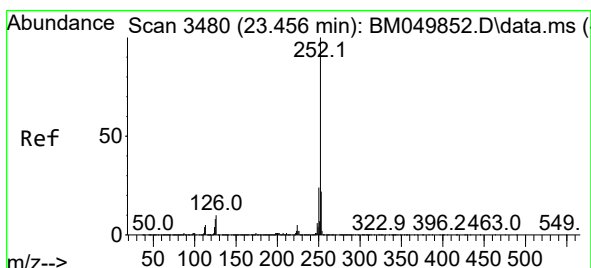
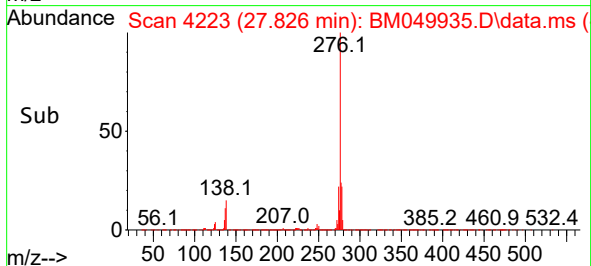
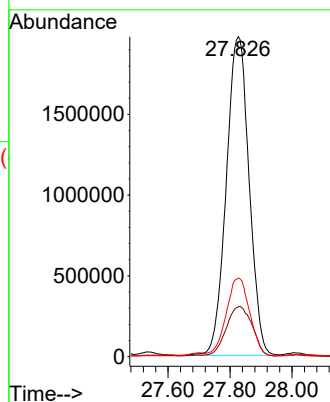
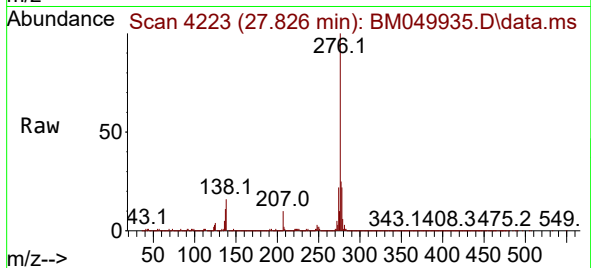
Tgt Ion:276 Resp:10101193

Ion Ratio Lower Upper

276 100

138 17.7 16.8 25.2

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 90.066 ng

RT: 23.468 min Scan# 3482

Delta R.T. 0.012 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

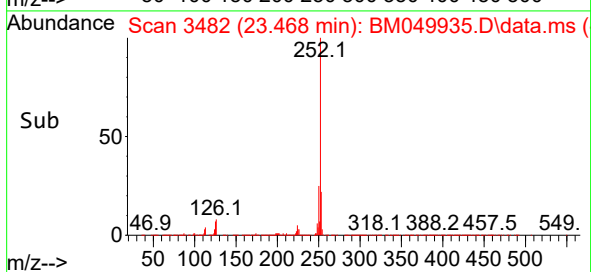
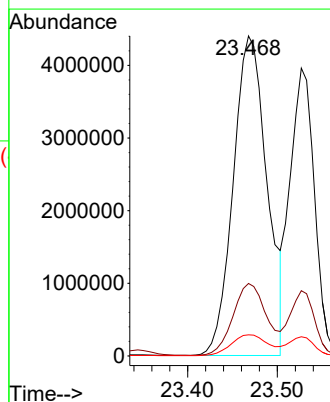
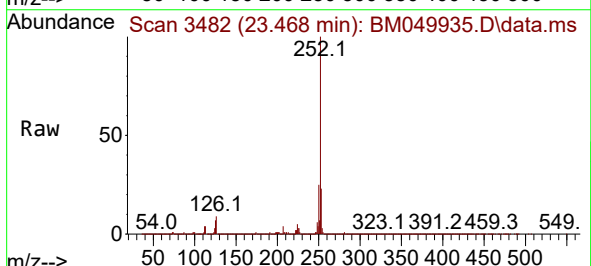
Tgt Ion:252 Resp:11502990

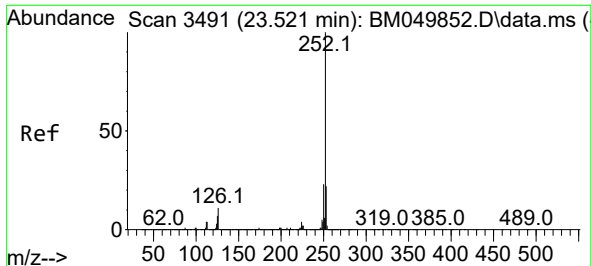
Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 6.6 6.2 9.4

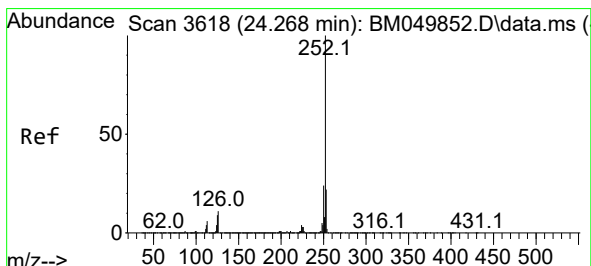
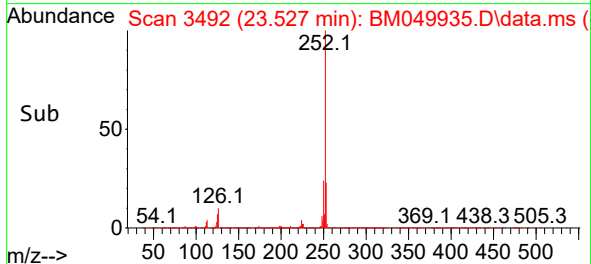
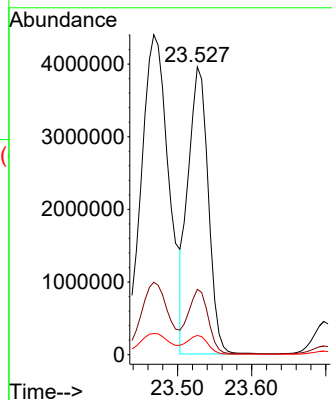
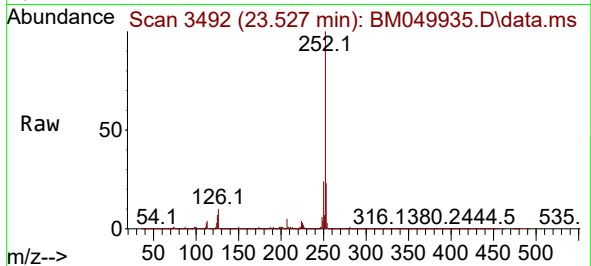




#89
Benzo(k)fluoranthene
Concen: 60.199 ng
RT: 23.527 min Scan# 34
Delta R.T. 0.006 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

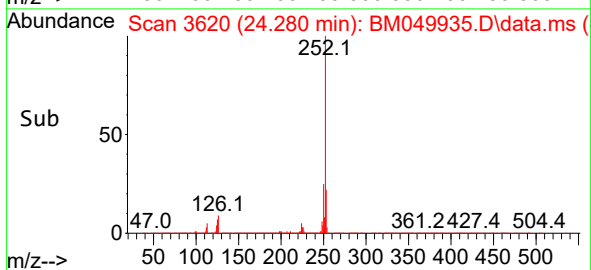
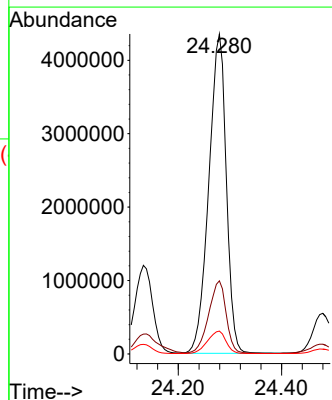
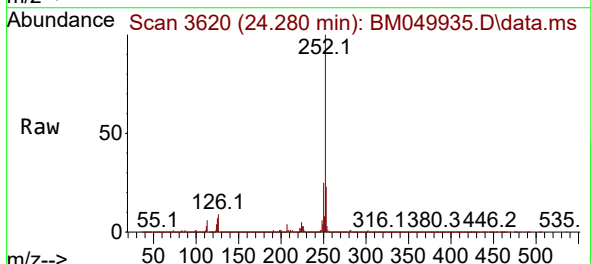
Instrument :
BNA_M
ClientSampleId :
TP-1MS

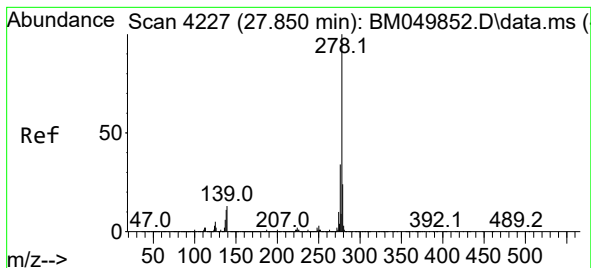
Tgt Ion:252 Resp: 7450622
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 6.6 5.8 8.8



#90
Benzo(a)pyrene
Concen: 90.849 ng
RT: 24.280 min Scan# 3620
Delta R.T. 0.012 min
Lab File: BM049935.D
Acq: 15 Apr 2025 15:15

Tgt Ion:252 Resp:10195959
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 7.2 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 51.031 ng

RT: 27.868 min Scan# 41

Delta R.T. 0.018 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

Instrument :

BNA_M

ClientSampleId :

TP-1MS

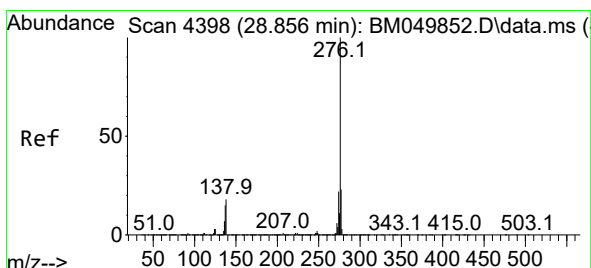
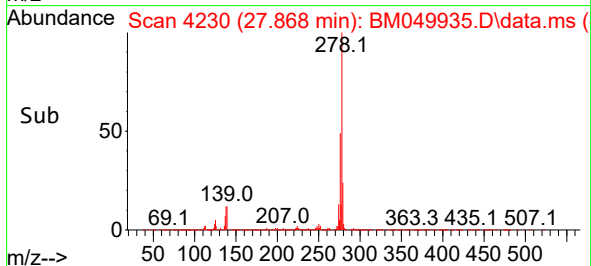
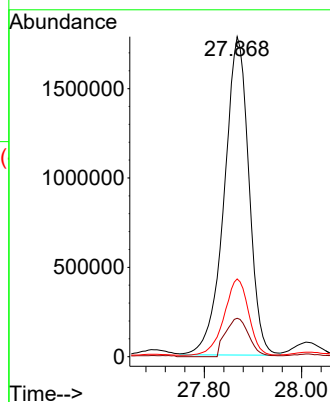
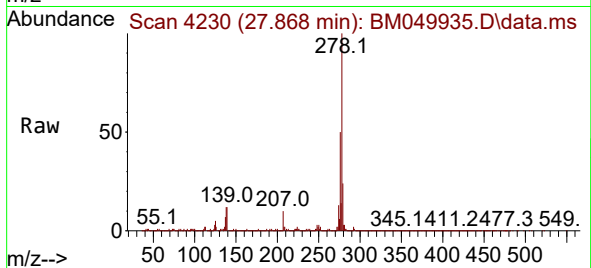
Tgt Ion:278 Resp: 6265703

Ion Ratio Lower Upper

278 100

139 12.0 10.6 15.8

279 24.3 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 67.589 ng

RT: 28.885 min Scan# 4403

Delta R.T. 0.029 min

Lab File: BM049935.D

Acq: 15 Apr 2025 15:15

Tgt Ion:276 Resp: 8480222

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 15.7 14.6 21.8

