

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
 Data File : BM049936.D
 Acq On : 15 Apr 2025 15:54
 Operator : RC/JU
 Sample : Q1787-09MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1MSD

Quant Time: Apr 15 16:32:36 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	549920	20.000	ng	-0.01
21) Naphthalene-d8	10.569	136	1868617	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	1066061	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1799045	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1796233	20.000	ng	0.00
86) Perylene-d12	24.409	264	2004809	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2864320	88.446	ng	0.00
7) Phenol-d6	6.957	99	3555492	88.241	ng	0.00
23) Nitrobenzene-d5	8.928	82	2058525	61.345	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1269919	81.897	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	4831546	61.456	ng	-0.01
79) Terphenyl-d14	19.786	244	4932858	51.466	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	447893	33.582	ng	99
3) Pyridine	3.651	79	1296422	36.997	ng	100
4) n-Nitrosodimethylamine	3.563	42	541568	40.611	ng	98
6) Aniline	7.098	93	803266	23.266	ng	98
8) 2-Chlorophenol	7.339	128	1477163	44.509	ng	99
9) Benzaldehyde	6.910	77	746175	36.087	ng	96
10) Phenol	6.981	94	1750055	44.508	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	1363569	44.222	ng	100
12) 1,3-Dichlorobenzene	7.663	146	1690315	43.079	ng	98
13) 1,4-Dichlorobenzene	7.804	146	1695418	42.942	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1618086	43.512	ng	100
15) Benzyl Alcohol	8.016	79	1105781	43.582	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	1543382	44.908	ng	99
17) 2-Methylphenol	8.228	107	1119600	46.206	ng	100
18) Hexachloroethane	8.851	117	577370	42.034	ng	95
19) n-Nitroso-di-n-propyla...	8.581	70	951290	42.628	ng	99
20) 3+4-Methylphenols	8.551	107	1479359	44.782	ng	100
22) Acetophenone	8.592	105	1926303	42.417	ng	# 99
24) Nitrobenzene	8.975	77	1379438	42.691	ng	96
25) Isophorone	9.498	82	2562764	45.589	ng	99
26) 2-Nitrophenol	9.681	139	772963	45.134	ng	100
27) 2,4-Dimethylphenol	9.751	122	1233439	63.551	ng	100
28) bis(2-Chloroethoxy)met...	9.980	93	1629552	43.300	ng	99
29) 2,4-Dichlorophenol	10.222	162	1412597	43.785	ng	99
30) 1,2,4-Trichlorobenzene	10.433	180	1649641	44.200	ng	99
31) Naphthalene	10.616	128	4091069	42.608	ng	99
32) Benzoic acid	9.892	122	573232m	28.128	ng	
33) 4-Chloroaniline	10.733	127	571990	16.870	ng	99
34) Hexachlorobutadiene	10.904	225	1060285	45.927	ng	98
35) Caprolactam	11.527	113	327145	35.355	ng	98
36) 4-Chloro-3-methylphenol	11.869	107	1133939	40.125	ng	99
37) 2-Methylnaphthalene	12.233	142	2667156	39.426	ng	99
38) 1-Methylnaphthalene	12.451	142	2751057	41.742	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1793896	48.099	ng	99
41) Hexachlorocyclopentadiene	12.586	237	1180333	90.318	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	1112896	46.893	ng	97

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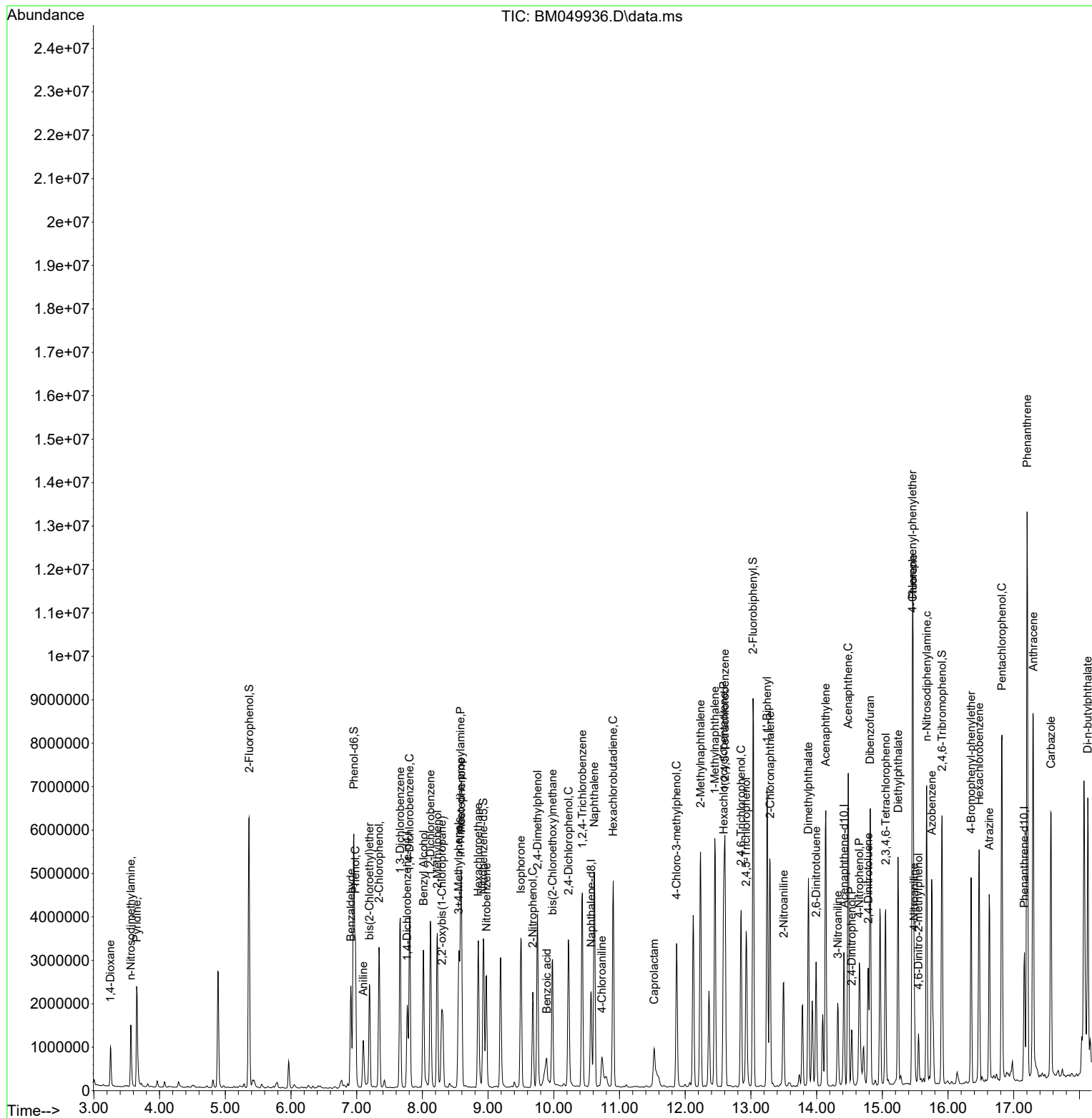
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	1153872	44.740	ng	100
46) 1,1'-Biphenyl	13.245	154	3625070	45.744	ng	99
47) 2-Chloronaphthalene	13.292	162	2826461	45.378	ng	99
48) 2-Nitroaniline	13.498	65	653697	45.365	ng	99
49) Acenaphthylene	14.139	152	4720544	52.028	ng	100
50) Dimethylphthalate	13.874	163	3228246	42.924	ng	99
51) 2,6-Dinitrotoluene	13.992	165	689741	43.773	ng	97
52) Acenaphthene	14.480	154	2654438	45.994	ng	100
53) 3-Nitroaniline	14.321	138	548137	35.992	ng	97
54) 2,4-Dinitrophenol	14.533	184	337044	34.094	ng	98
55) Dibenzofuran	14.815	168	4142350	42.936	ng	99
56) 4-Nitrophenol	14.651	139	1065838	78.535	ng	99
57) 2,4-Dinitrotoluene	14.786	165	905882	43.093	ng	# 94
58) Fluorene	15.468	166	3440606	44.864	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	898468	39.747	ng	96
60) Diethylphthalate	15.239	149	2866898	39.749	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1775320	43.179	ng	99
62) 4-Nitroaniline	15.486	138	608358	38.627	ng	99
63) Azobenzene	15.751	77	2653800	42.977	ng	96
65) 4,6-Dinitro-2-methylph...	15.551	198	289137	25.504	ng	98
66) n-Nitrosodiphenylamine	15.674	169	2647541	49.175	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	1032828	49.454	ng	96
68) Hexachlorobenzene	16.474	284	1155227	48.224	ng	99
69) Atrazine	16.627	200	863448	61.854	ng	99
70) Pentachlorophenol	16.821	266	1565732	88.778	ng	99
71) Phenanthrene	17.204	178	7978106	80.889	ng	99
72) Anthracene	17.298	178	5621088	57.831	ng	100
73) Carbazole	17.568	167	4169098	45.539	ng	99
74) Di-n-butylphthalate	18.127	149	4326871	41.034	ng	100
75) Fluoranthene	19.221	202	12039221	99.276	ng	95
77) Benzidine	19.403	184	1449947	60.847	ng	# 95
78) Pyrene	19.586	202	11732967	94.779	ng	94
80) Butylbenzylphthalate	20.480	149	1840428	39.566	ng	97
81) Benzo(a)anthracene	21.386	228	10010630	83.857	ng	96
82) 3,3'-Dichlorobenzidine	21.309	252	1006554	22.327	ng	100
83) Chrysene	21.450	228	8945161	78.817	ng	97
84) Bis(2-ethylhexyl)phtha...	21.303	149	2593299	38.265	ng	98
85) Di-n-octyl phthalate	22.439	149	4643124	39.162	ng	99
87) Indeno(1,2,3-cd)pyrene	27.826	276	10250778	68.594	ng	96
88) Benzo(b)fluoranthene	23.468	252	11737061	91.667	ng	98
89) Benzo(k)fluoranthene	23.527	252	7503086	60.470	ng	98
90) Benzo(a)pyrene	24.280	252	10332288	91.832	ng	98
91) Dibenzo(a,h)anthracene	27.873	278	6345148	51.548	ng	98
92) Benzo(g,h,i)perylene	28.885	276	8593018	68.315	ng	98

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

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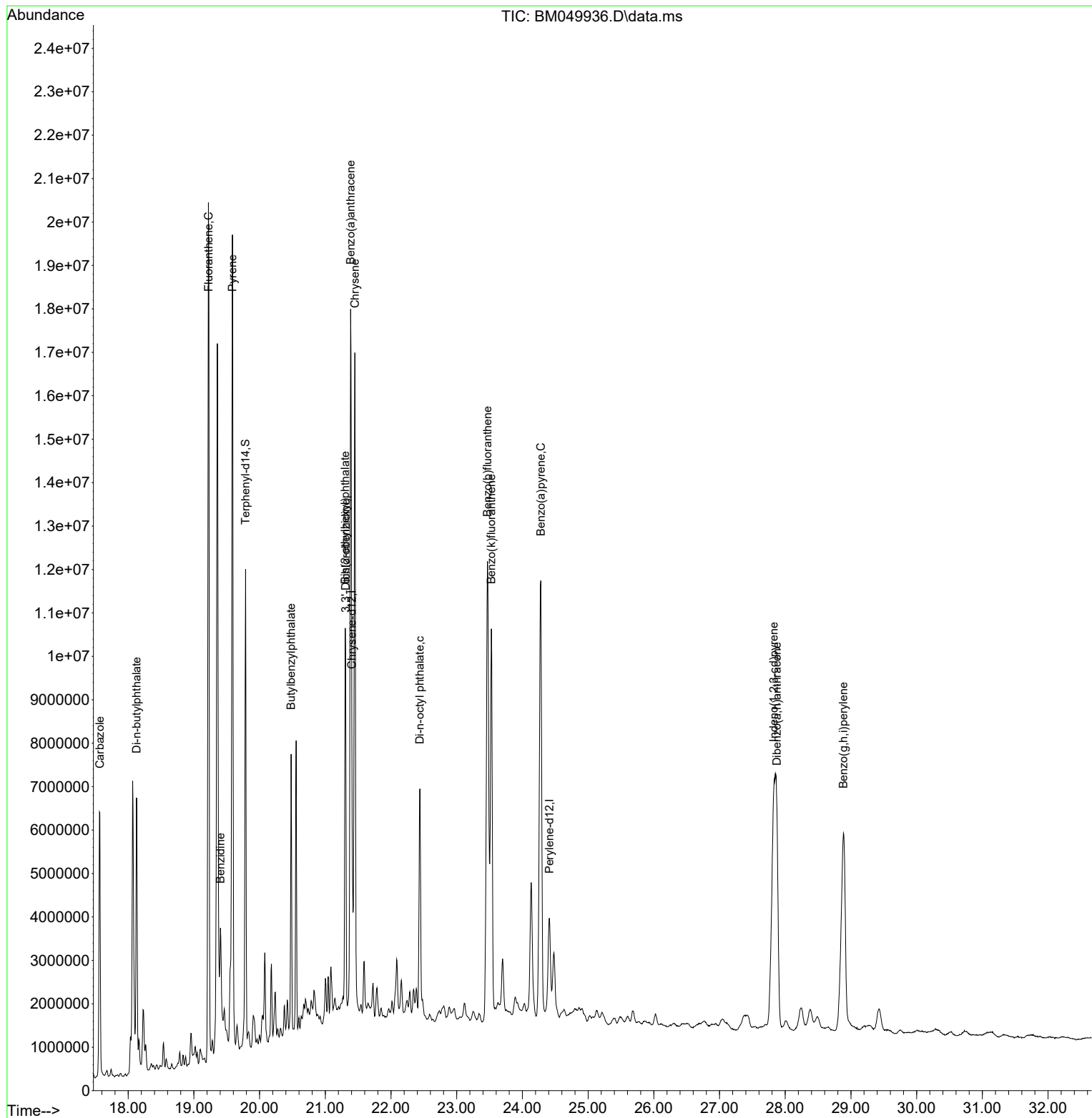
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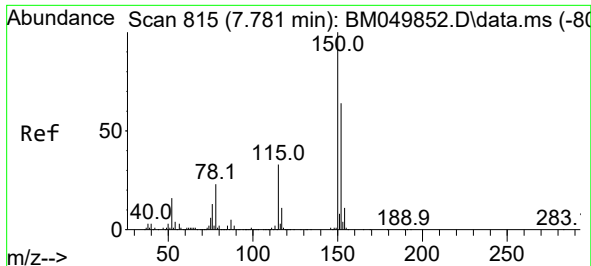


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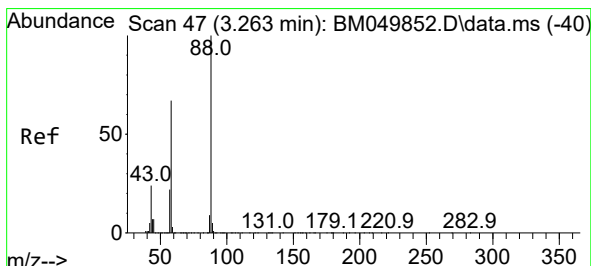
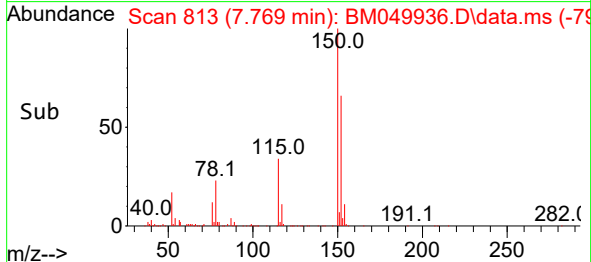
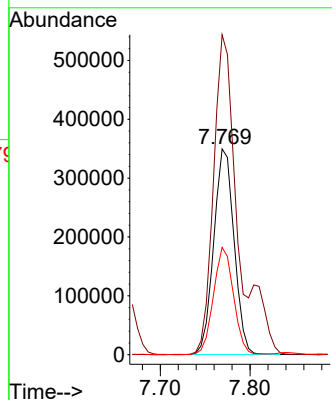
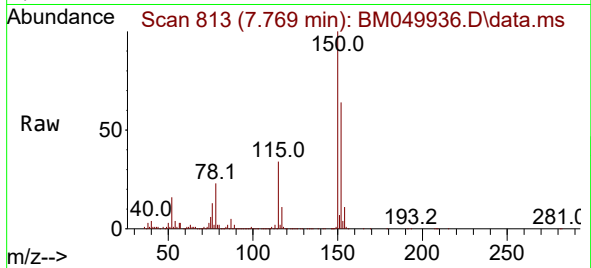




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

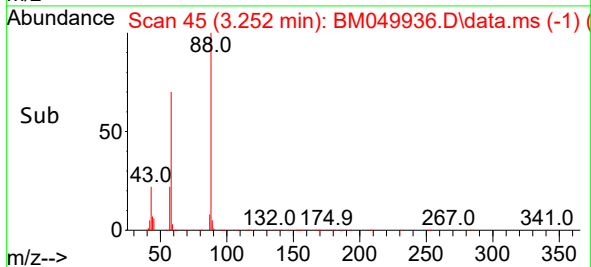
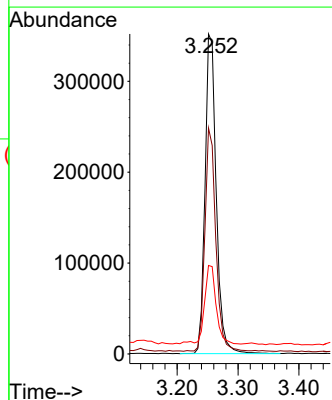
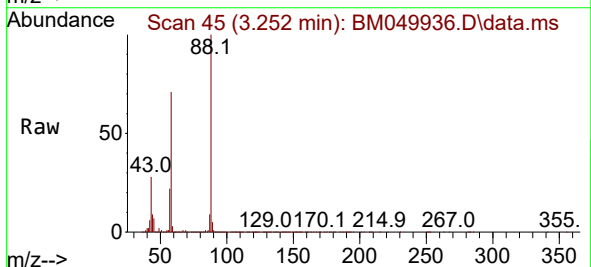
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

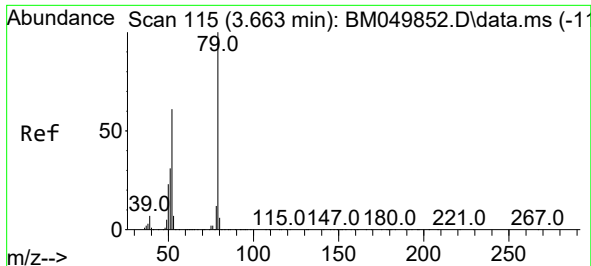
Tgt Ion:152 Resp: 549920
Ion Ratio Lower Upper
152 100
150 155.5 124.3 186.5
115 52.1 41.1 61.7



#2
1,4-Dioxane
Concen: 33.582 ng
RT: 3.252 min Scan# 45
Delta R.T. -0.012 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion: 88 Resp: 447893
Ion Ratio Lower Upper
88 100
58 67.9 54.1 81.1
43 24.9 20.2 30.4



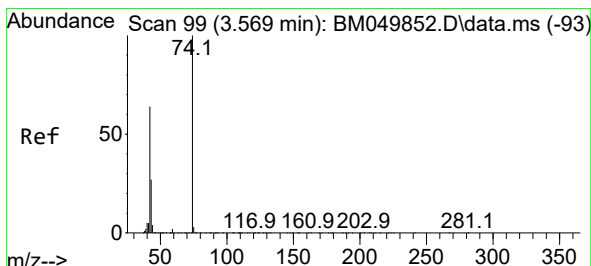
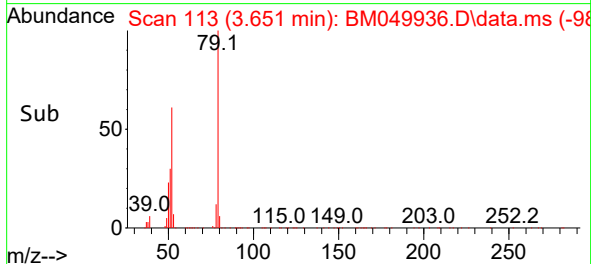
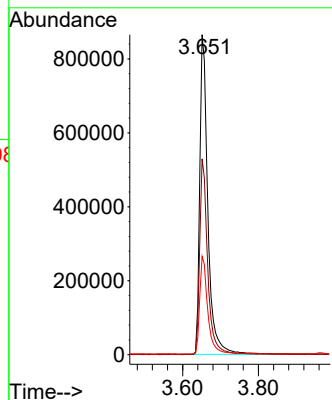
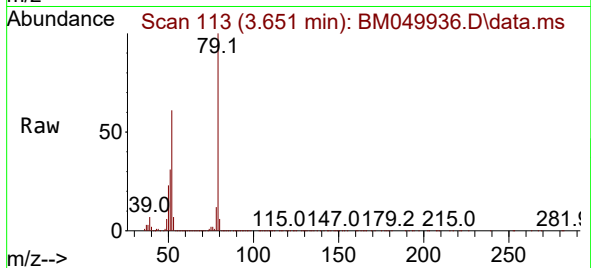


#3
 Pyridine
 Concen: 36.997 ng
 RT: 3.651 min Scan# 115
 Delta R.T. -0.012 min
 Lab File: BM049936.D
 Acq: 15 Apr 2025 15:54

Instrument :
 BNA_M
 ClientSampleId :
 TP-1MSD

Tgt Ion: 79 Resp: 1296422

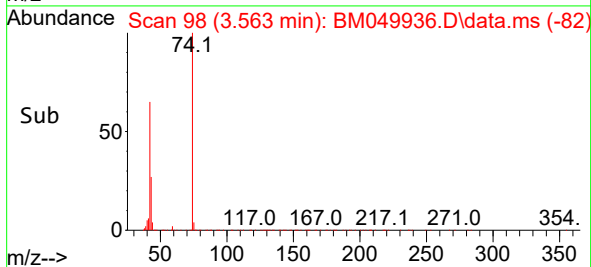
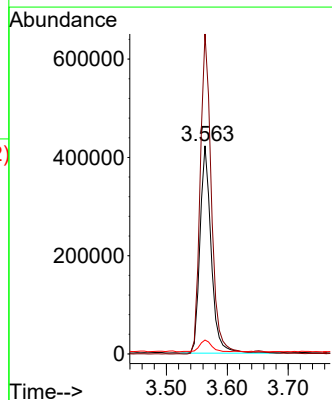
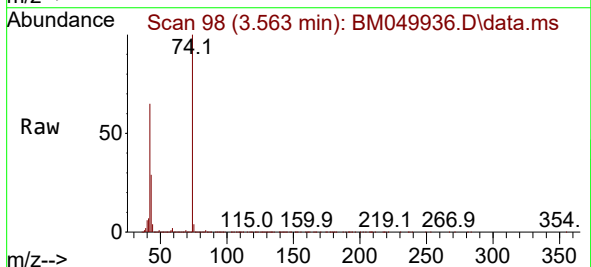
Ion	Ratio	Lower	Upper
79	100		
52	61.2	48.9	73.3
51	30.7	25.0	37.6

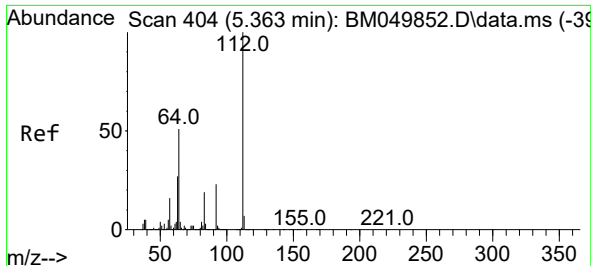


#4
 n-Nitrosodimethylamine
 Concen: 40.611 ng
 RT: 3.563 min Scan# 98
 Delta R.T. -0.006 min
 Lab File: BM049936.D
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Tgt Ion: 42 Resp: 541568

Ion	Ratio	Lower	Upper
42	100		
74	153.8	125.4	188.2
44	6.7	5.9	8.9

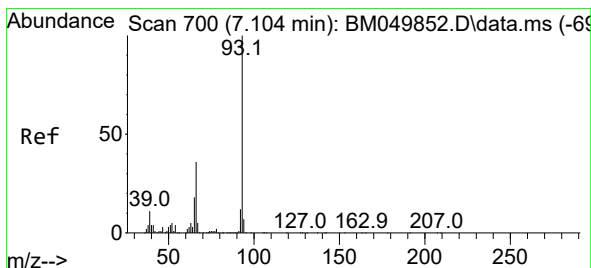
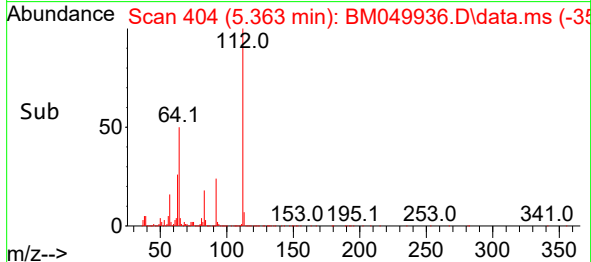
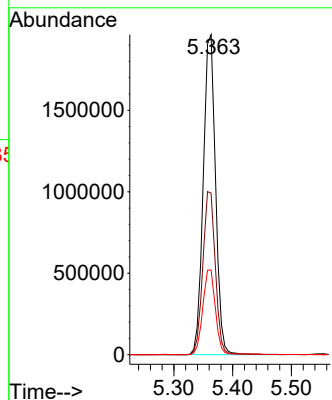
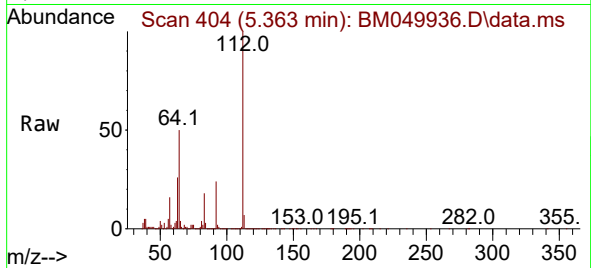




#5
2-Fluorophenol
Concen: 88.446 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

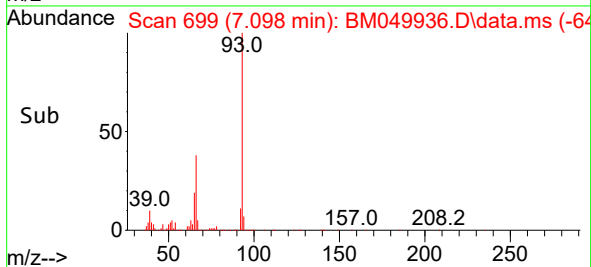
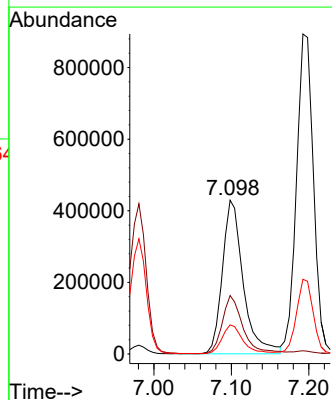
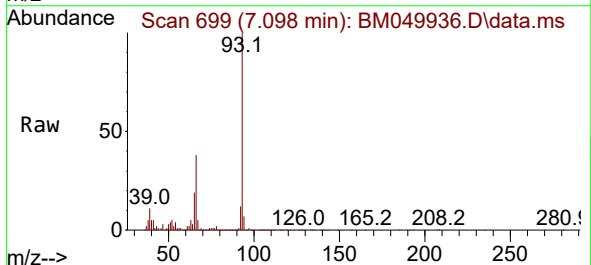
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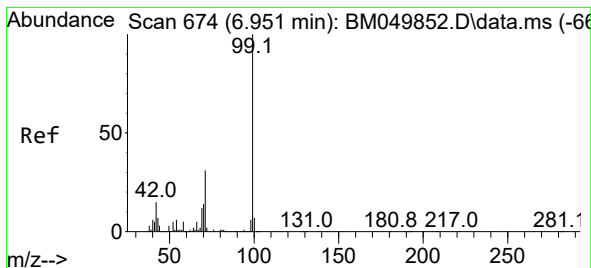
Tgt Ion:112 Resp: 2864320
Ion Ratio Lower Upper
112 100
64 50.5 41.0 61.6
63 26.5 21.5 32.3



#6
Aniline
Concen: 23.266 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion: 93 Resp: 803266
Ion Ratio Lower Upper
93 100
66 38.0 29.1 43.7
65 19.0 14.9 22.3





#7

Phenol-d6

Concen: 88.241 ng

RT: 6.957 min Scan# 61

Delta R.T. 0.006 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

Instrument :

BNA_M

ClientSampleId :

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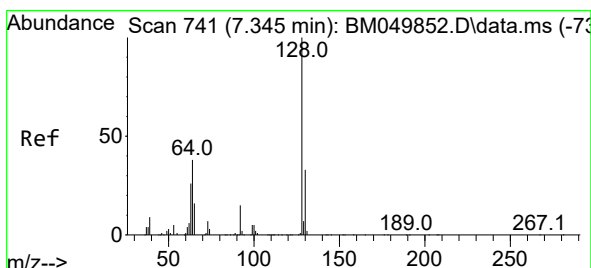
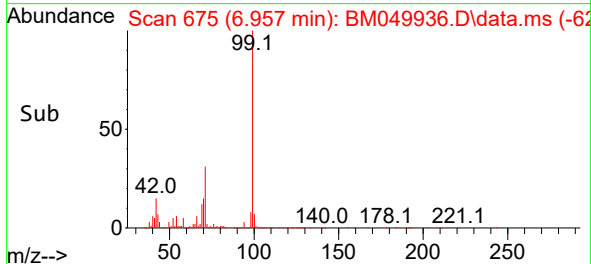
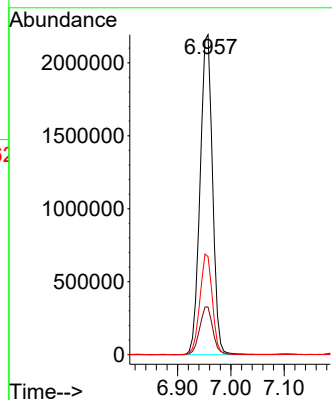
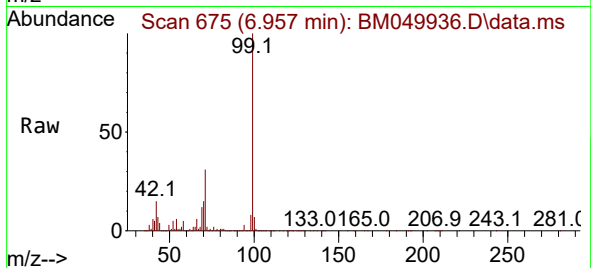
Tgt Ion: 99 Resp: 3555492

Ion Ratio Lower Upper

99 100

42 14.9 12.1 18.1

71 30.7 24.9 37.3



#8

2-Chlorophenol

Concen: 44.509 ng

RT: 7.339 min Scan# 740

Delta R.T. -0.006 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

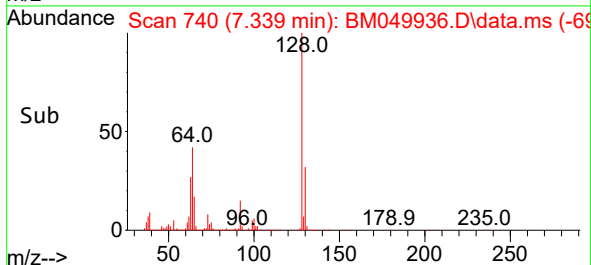
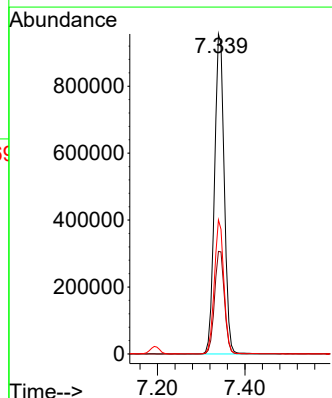
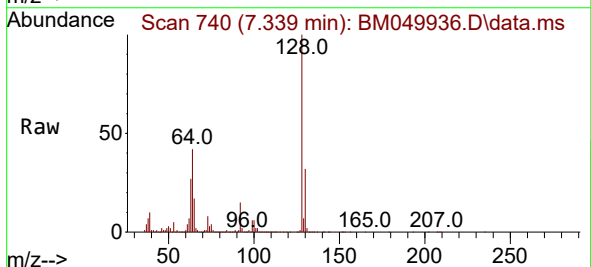
Tgt Ion:128 Resp: 1477163

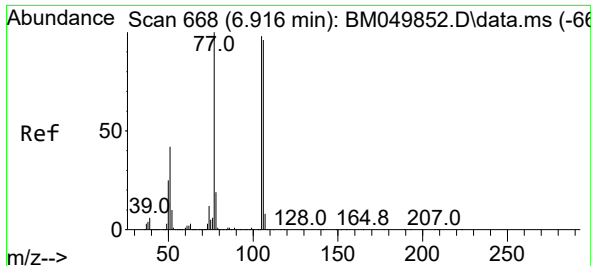
Ion Ratio Lower Upper

128 100

130 32.0 12.6 52.6

64 41.9 21.1 61.1

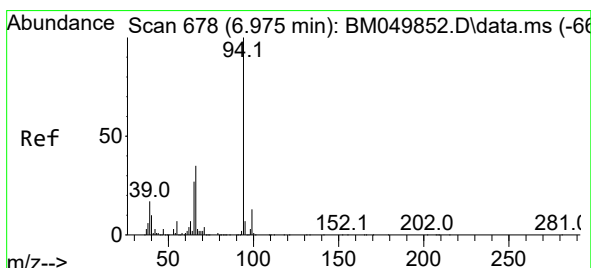
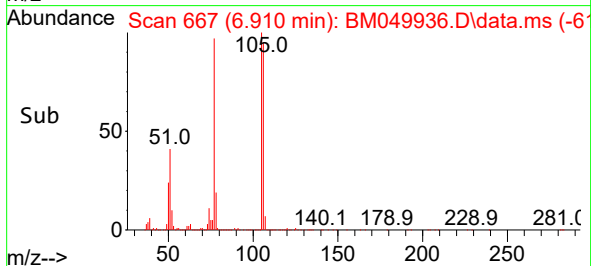
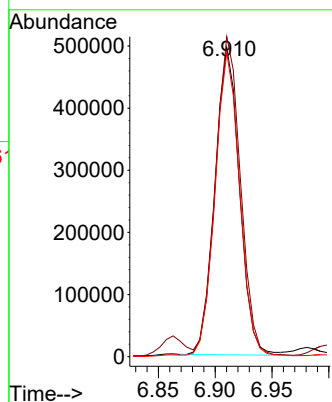
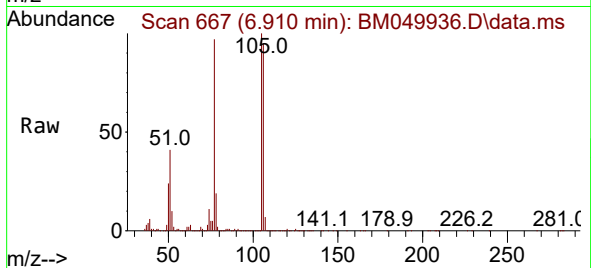




#9
Benzaldehyde
Concen: 36.087 ng
RT: 6.910 min Scan# 668
Delta R.T. -0.006 min
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Acq: 15 Apr 2025 15:54

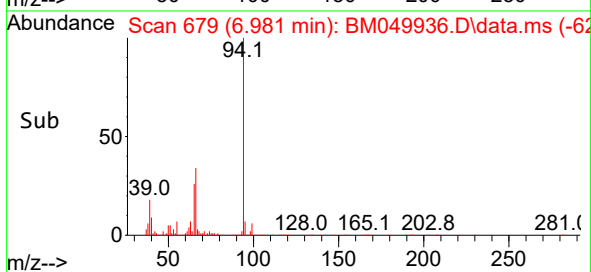
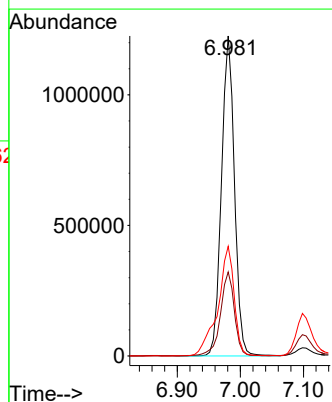
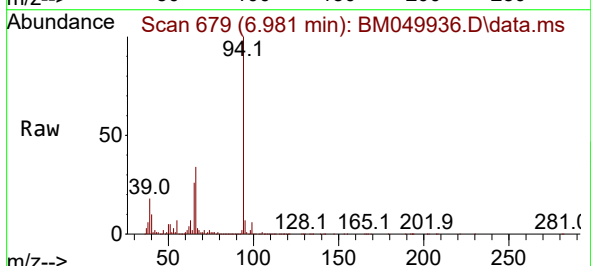
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

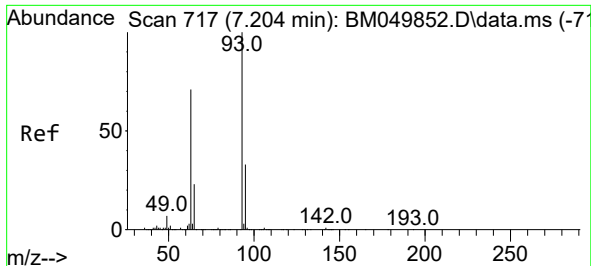
Tgt Ion: 77 Resp: 746175
Ion Ratio Lower Upper
77 100
105 103.5 78.3 118.3
106 98.4 76.0 116.0



#10
Phenol
Concen: 44.508 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion: 94 Resp: 1750055
Ion Ratio Lower Upper
94 100
65 26.2 7.3 47.3
66 34.2 14.8 54.8

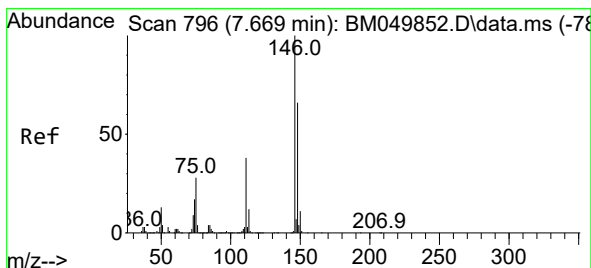
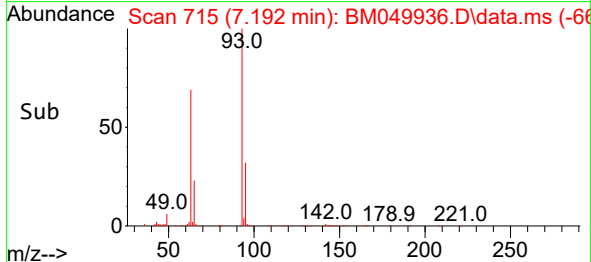
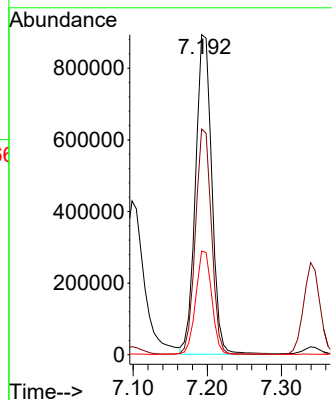
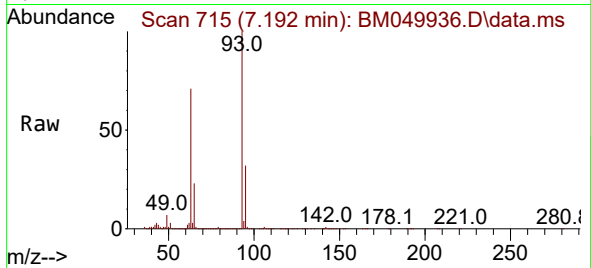




#11
bis(2-Chloroethyl)ether
Concen: 44.222 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.012 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

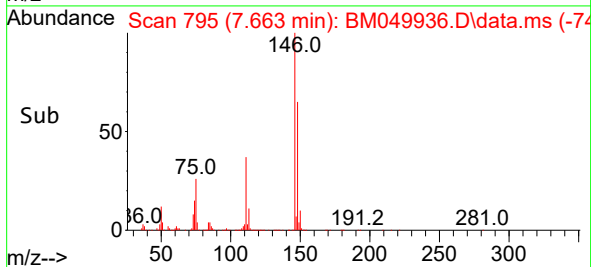
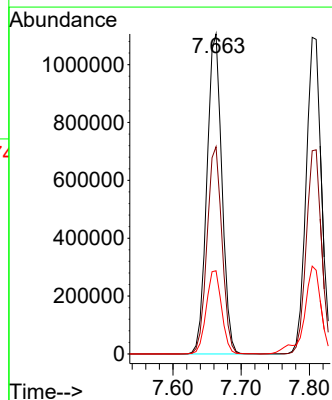
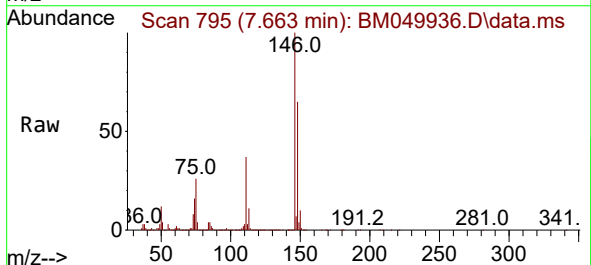
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

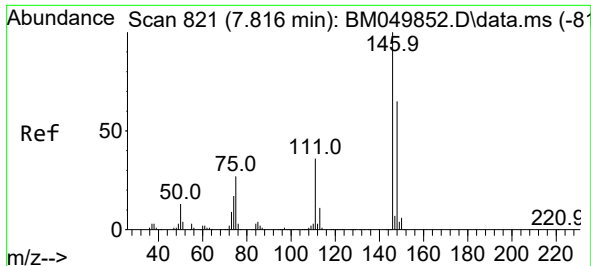
Tgt Ion: 93 Resp: 1363569
Ion Ratio Lower Upper
93 100
63 70.5 50.9 90.9
95 32.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 43.079 ng
RT: 7.663 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:146 Resp: 1690315
Ion Ratio Lower Upper
146 100
148 64.7 52.5 78.7
75 26.0 22.5 33.7

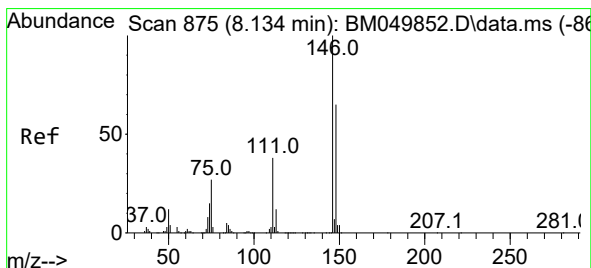
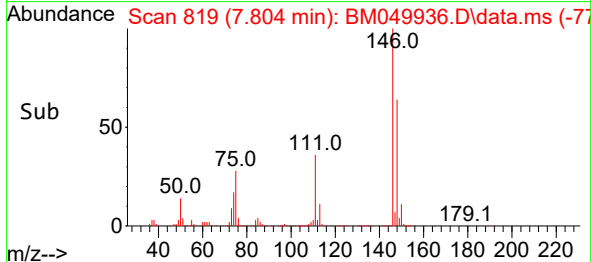
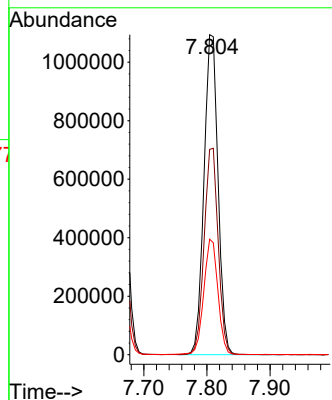
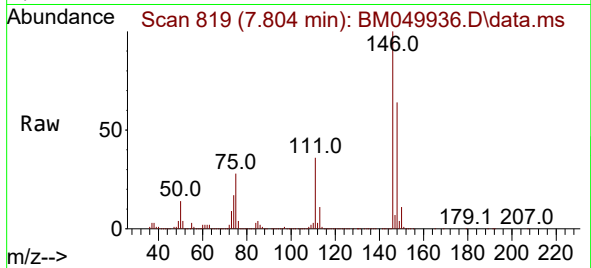




#13
1,4-Dichlorobenzene
Concen: 42.942 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.012 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

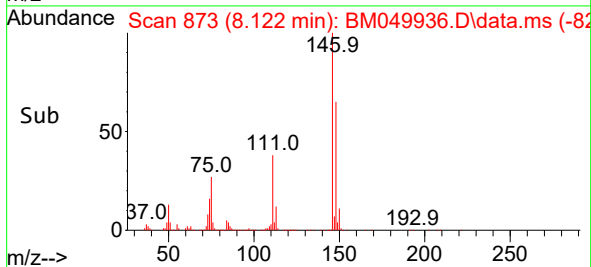
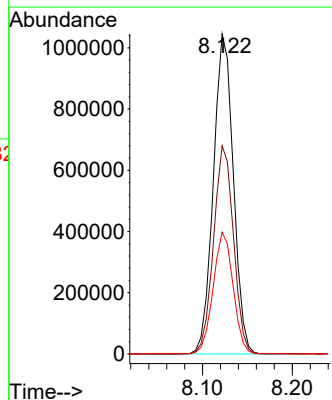
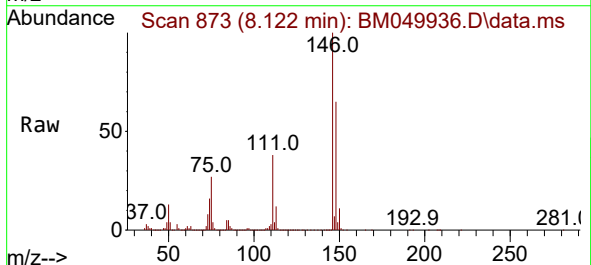
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

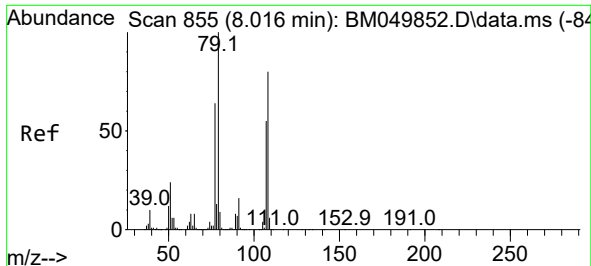
Tgt Ion:146 Resp: 1695418
Ion Ratio Lower Upper
146 100
148 64.2 52.4 78.6
111 36.1 28.5 42.7



#14
1,2-Dichlorobenzene
Concen: 43.512 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.012 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:146 Resp: 1618086
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
111 38.1 30.2 45.4

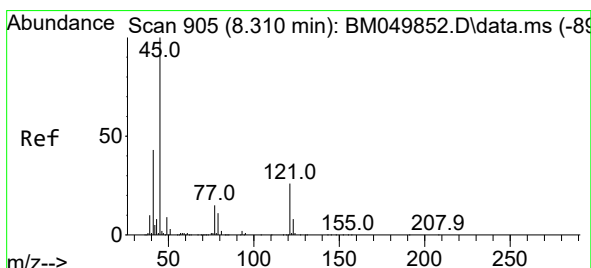
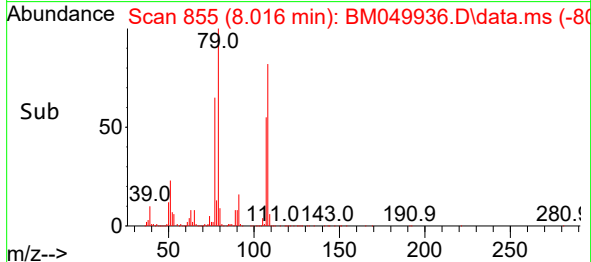
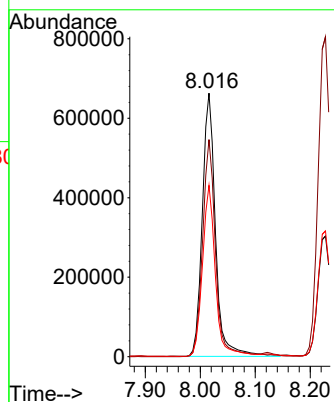
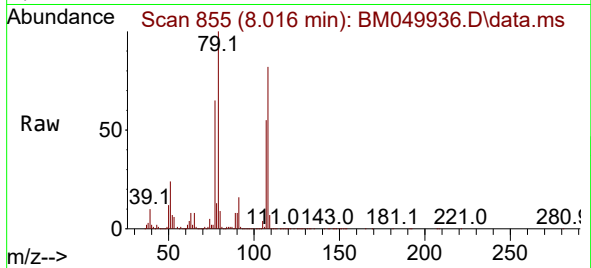




#15
Benzyl Alcohol
Concen: 43.582 ng
RT: 8.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

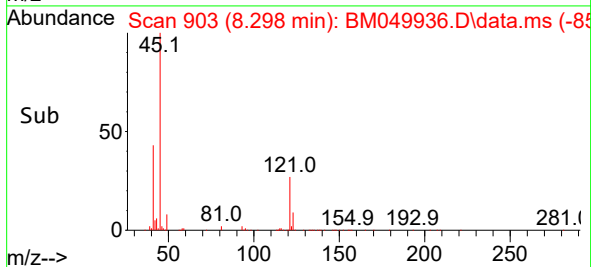
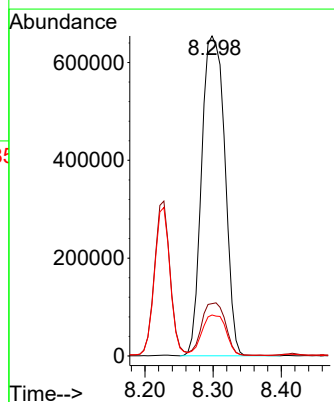
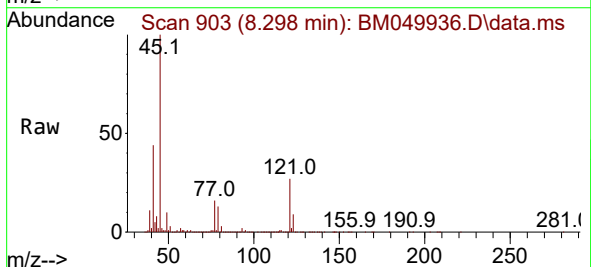
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

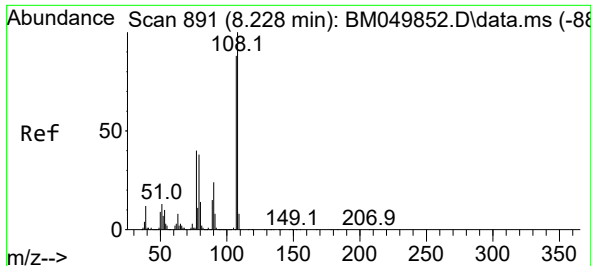
Tgt Ion: 79 Resp: 1105781
Ion Ratio Lower Upper
79 100
108 82.4 63.6 95.4
77 65.0 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.908 ng
RT: 8.298 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion: 45 Resp: 1543382
Ion Ratio Lower Upper
45 100
77 16.4 0.0 36.9
79 12.8 0.0 32.9

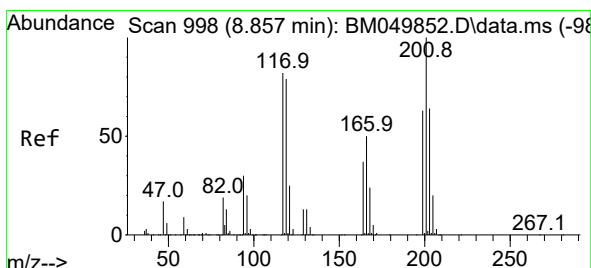
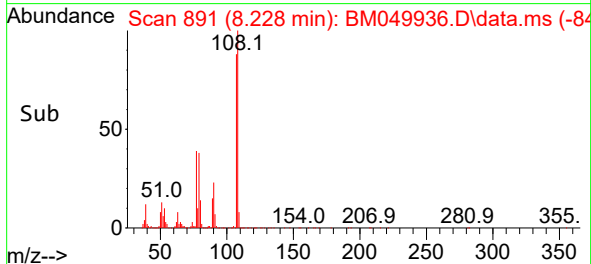
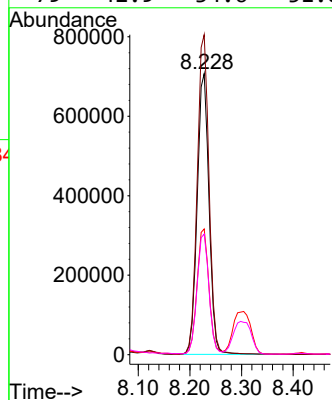
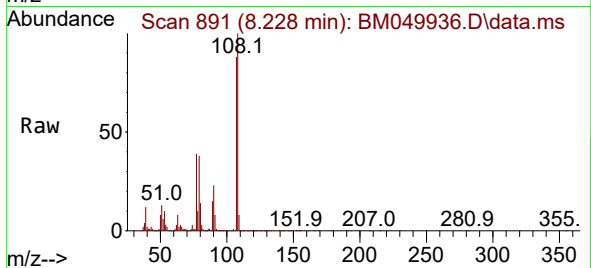




#17
2-Methylphenol
Concen: 46.206 ng
RT: 8.228 min Scan# 891
Delta R.T. -0.000 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

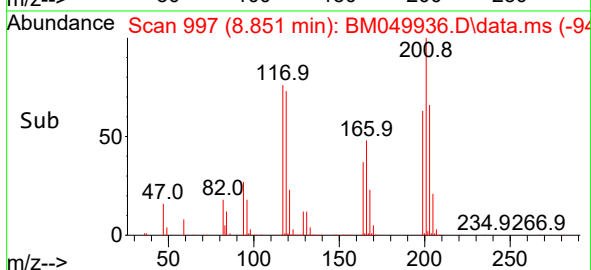
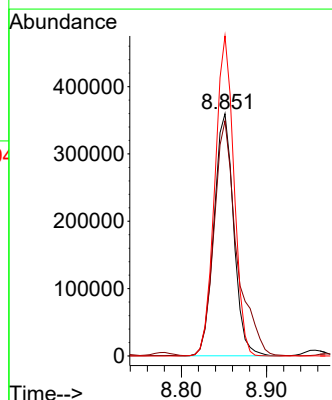
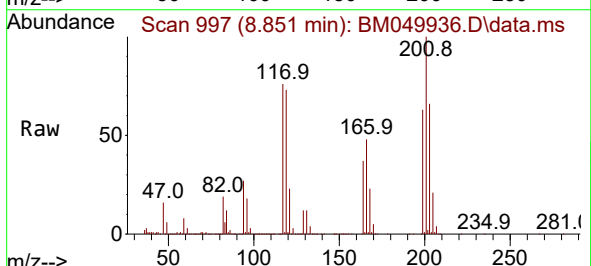
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

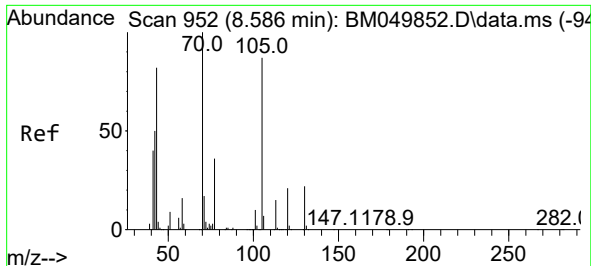
Tgt Ion:107 Resp: 1119600
Ion Ratio Lower Upper
107 100
108 113.9 91.0 136.6
77 44.7 36.5 54.7
79 42.9 34.6 51.8



#18
Hexachloroethane
Concen: 42.034 ng
RT: 8.851 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:117 Resp: 577370
Ion Ratio Lower Upper
117 100
119 97.0 77.5 116.3
201 132.1 97.7 146.5

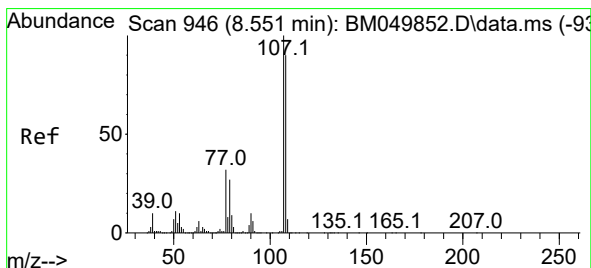
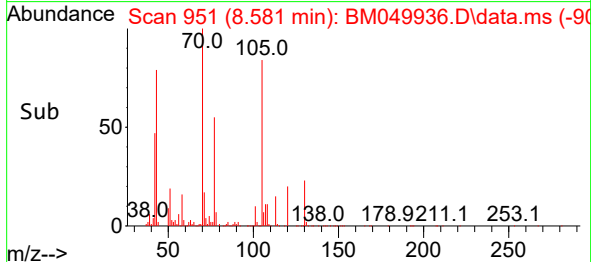
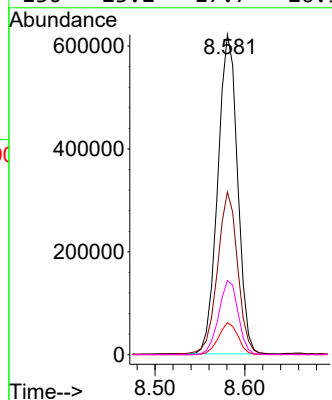
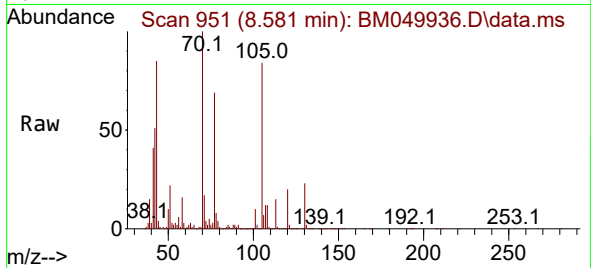




#19
n-Nitroso-di-n-propylamine
Concen: 42.628 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

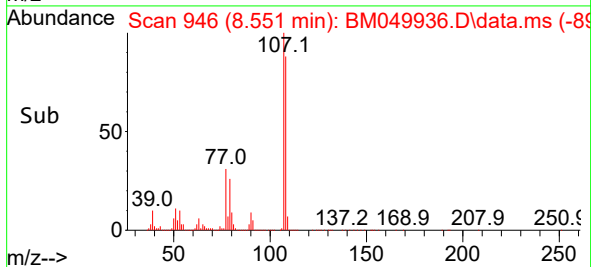
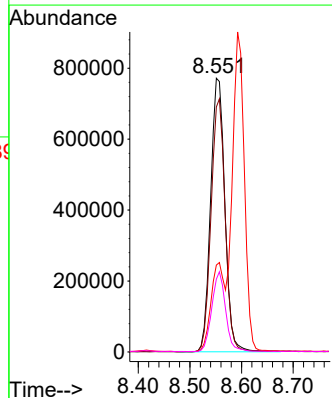
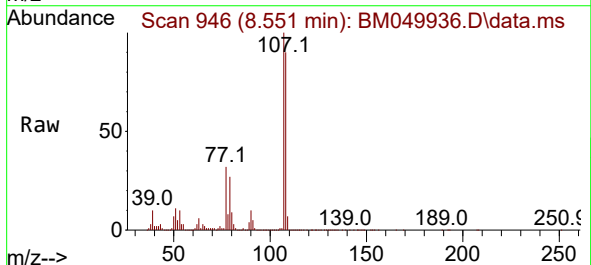
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

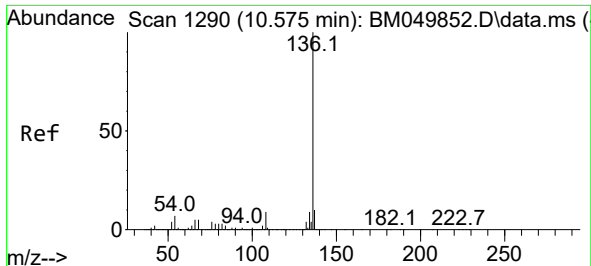
Tgt Ion: 70 Resp: 951290
Ion Ratio Lower Upper
70 100
42 50.8 40.2 60.2
101 10.0 7.9 11.9
130 23.2 17.7 26.5



#20
3+4-Methylphenols
Concen: 44.782 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.000 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion: 107 Resp: 1479359
Ion Ratio Lower Upper
107 100
108 89.5 69.6 109.6
77 31.7 11.7 51.7
79 26.6 7.3 47.3

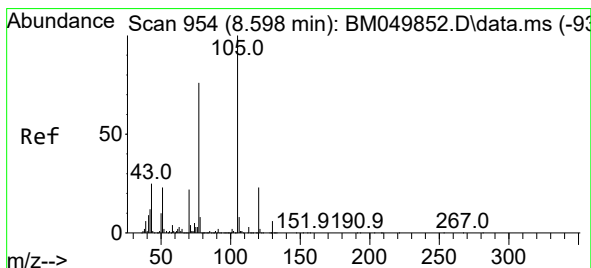
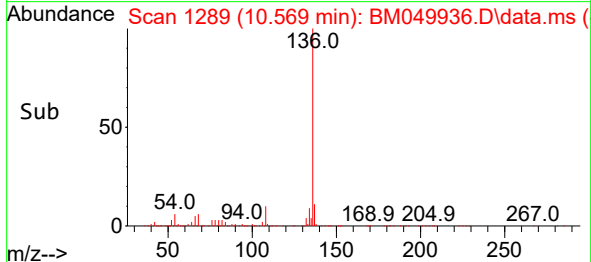
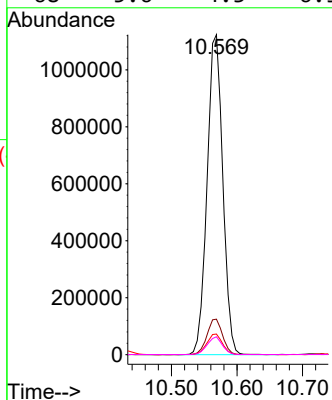
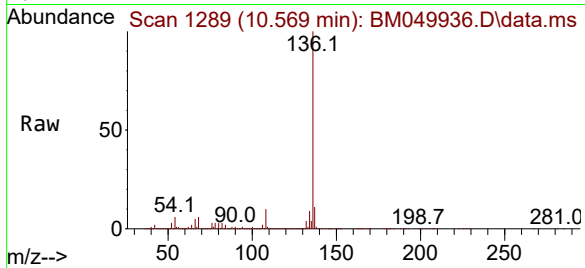




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

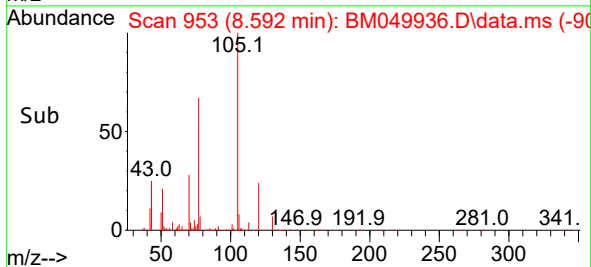
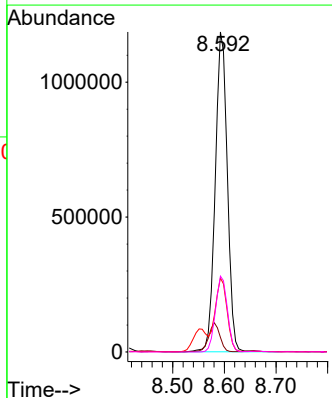
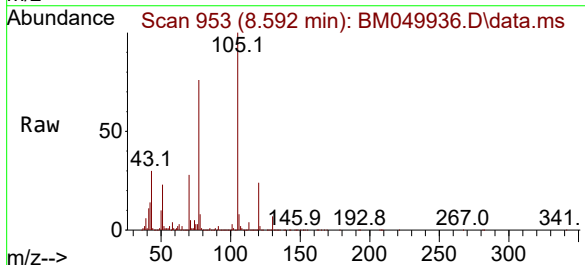
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

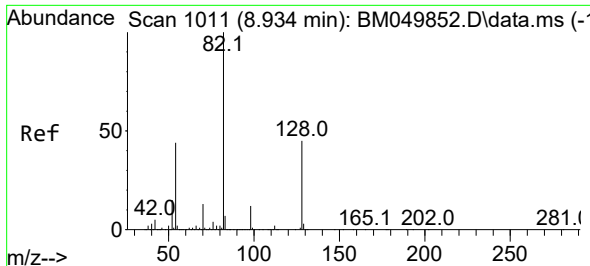
Tgt Ion:136 Resp: 1868617
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.4 5.3 7.9
68 5.6 4.3 6.5



#22
Acetophenone
Concen: 42.417 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:105 Resp: 1926303
Ion Ratio Lower Upper
105 100
71 4.6 3.0 4.4#
51 23.1 18.6 27.8
120 23.7 18.5 27.7





#23

Nitrobenzene-d5

Concen: 61.345 ng

RT: 8.928 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

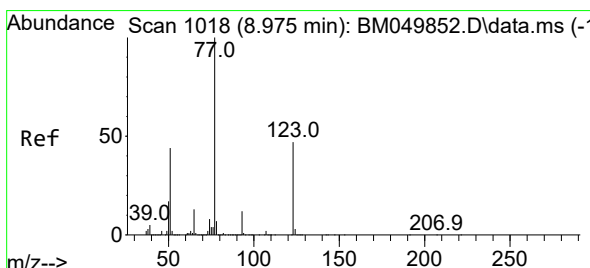
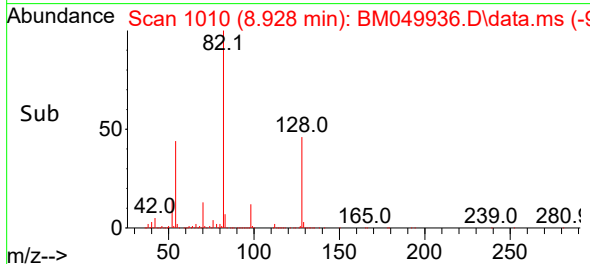
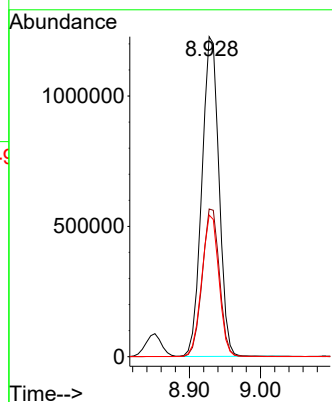
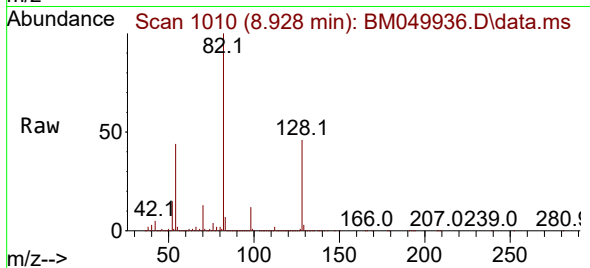
Tgt Ion: 82 Resp: 2058525

Ion Ratio Lower Upper

82 100

128 46.2 36.2 54.2

54 44.3 35.0 52.6



#24

Nitrobenzene

Concen: 42.691 ng

RT: 8.975 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

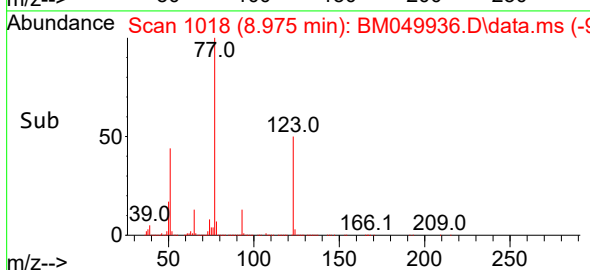
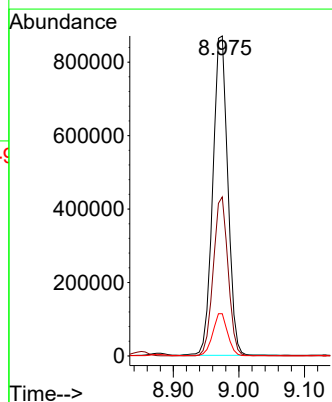
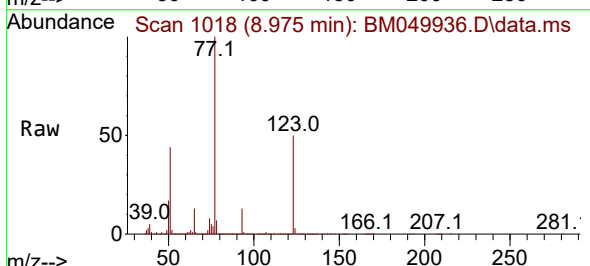
Tgt Ion: 77 Resp: 1379438

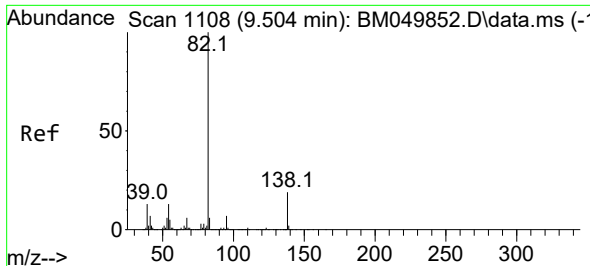
Ion Ratio Lower Upper

77 100

123 49.7 37.4 56.2

65 13.2 10.1 15.1

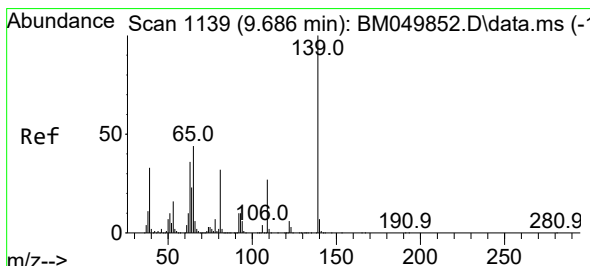
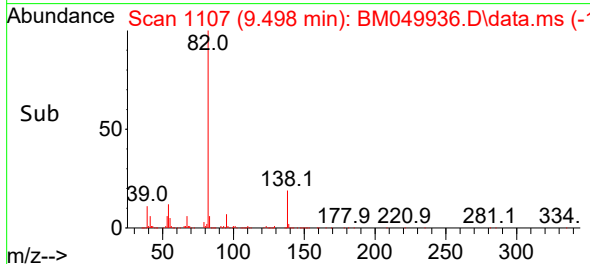
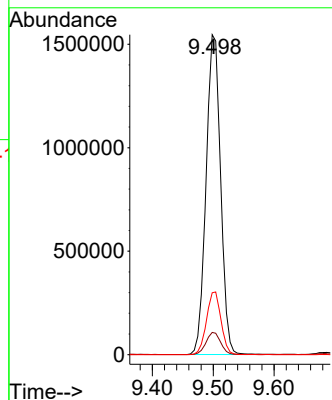
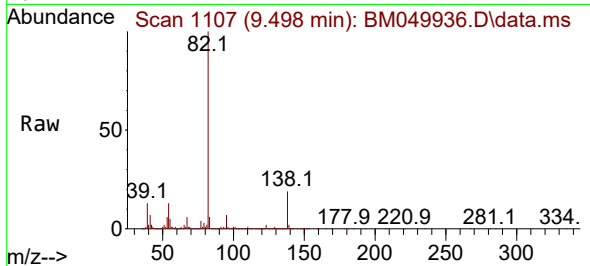




#25
Isophorone
Concen: 45.589 ng
RT: 9.498 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

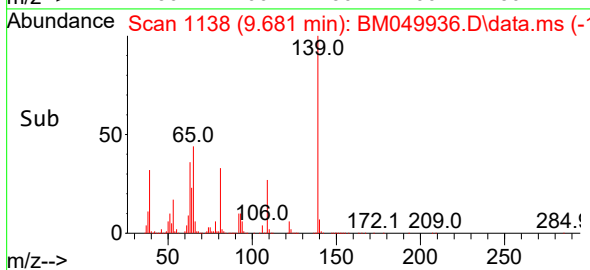
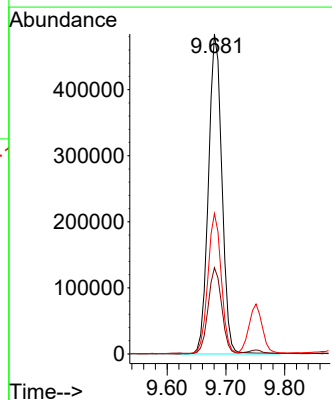
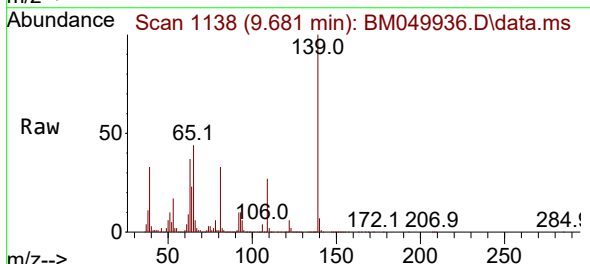
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

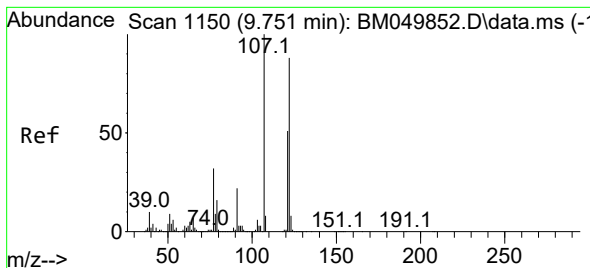
Tgt Ion: 82 Resp: 2562764
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 19.4 15.0 22.6



#26
2-Nitrophenol
Concen: 45.134 ng
RT: 9.681 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion: 139 Resp: 772963
Ion Ratio Lower Upper
139 100
109 27.0 21.7 32.5
65 43.9 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 63.551 ng

RT: 9.751 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

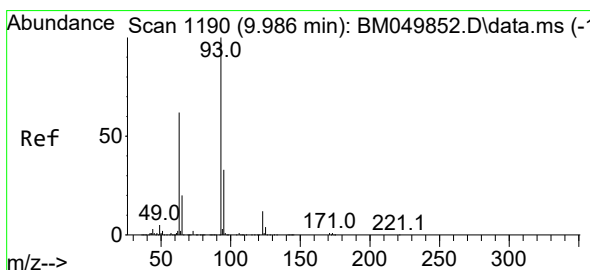
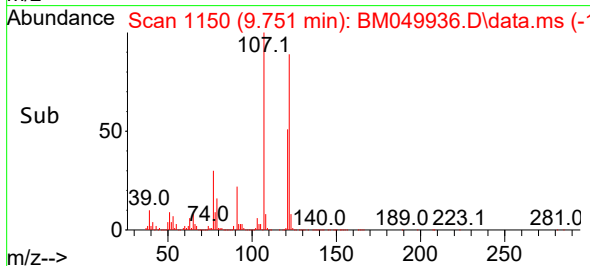
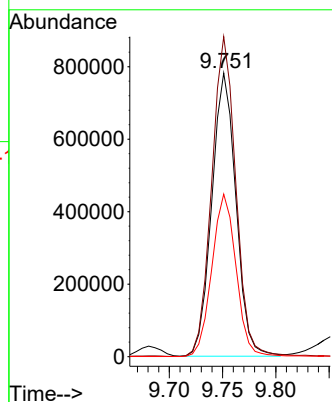
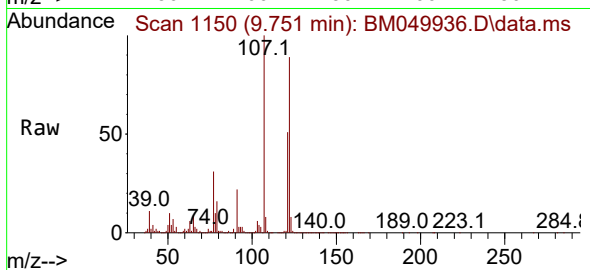
Tgt Ion:122 Resp: 1233439

Ion Ratio Lower Upper

122 100

107 112.8 90.3 135.5

121 57.3 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 43.300 ng

RT: 9.980 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

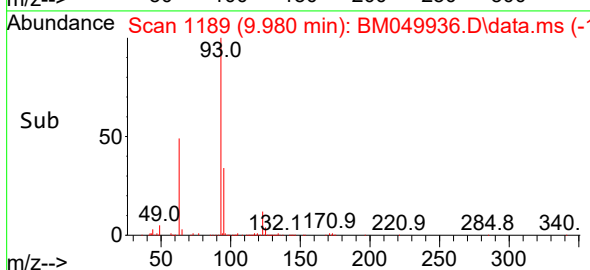
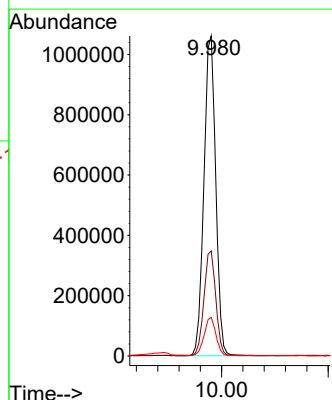
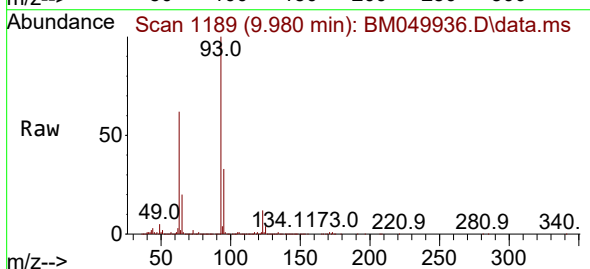
Tgt Ion: 93 Resp: 1629552

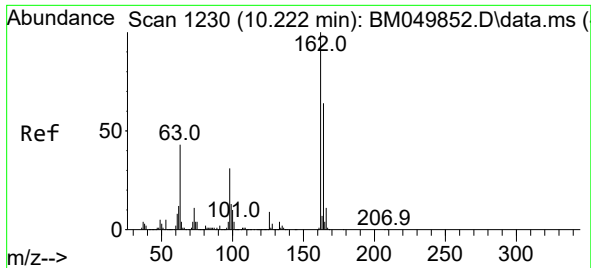
Ion Ratio Lower Upper

93 100

95 32.8 26.6 40.0

123 12.0 9.5 14.3

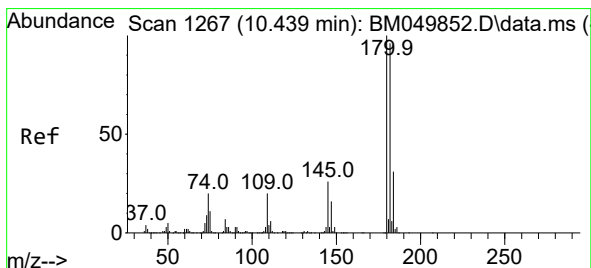
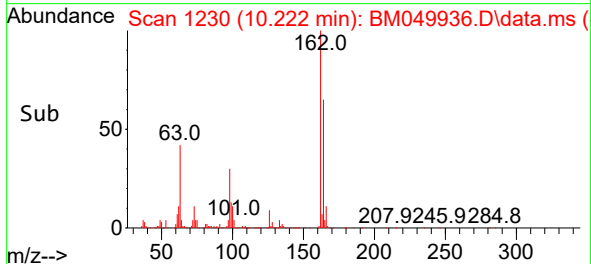
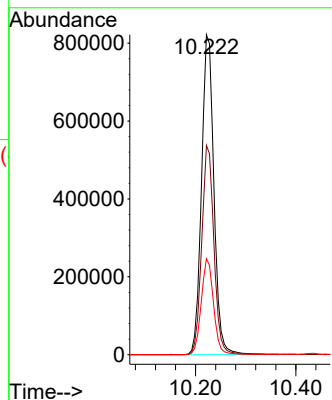
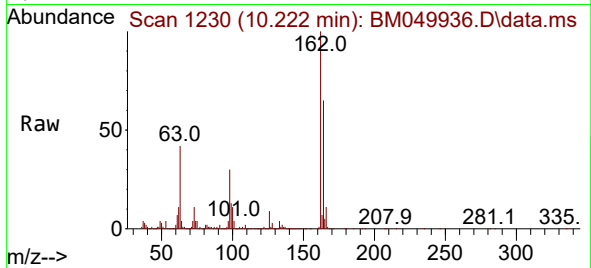




#29
2,4-Dichlorophenol
Concen: 43.785 ng
RT: 10.222 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

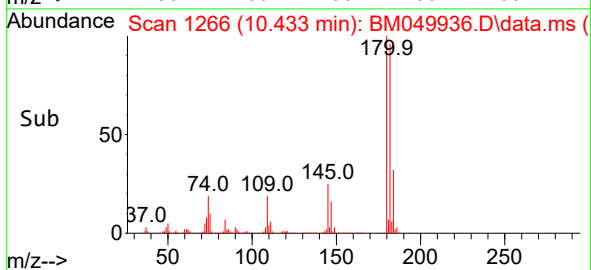
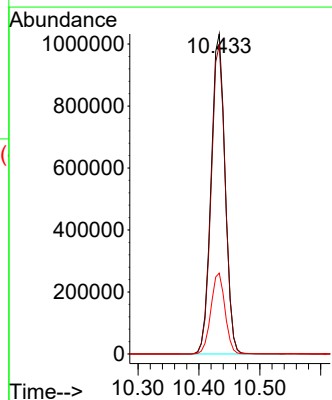
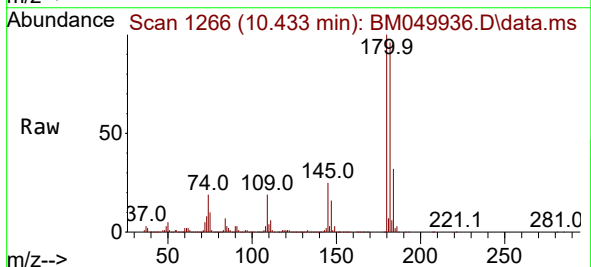
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

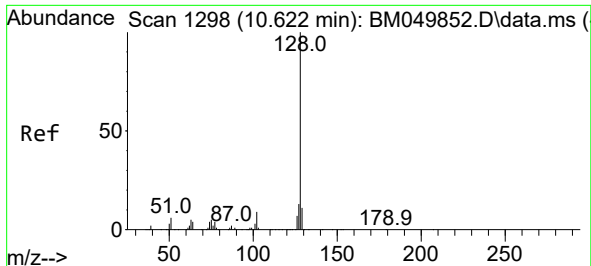
Tgt Ion:162 Resp: 1412597
Ion Ratio Lower Upper
162 100
164 65.4 44.3 84.3
98 30.0 10.9 50.9



#30
1,2,4-Trichlorobenzene
Concen: 44.200 ng
RT: 10.433 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:180 Resp: 1649641
Ion Ratio Lower Upper
180 100
182 96.5 76.7 115.1
145 25.2 20.8 31.2

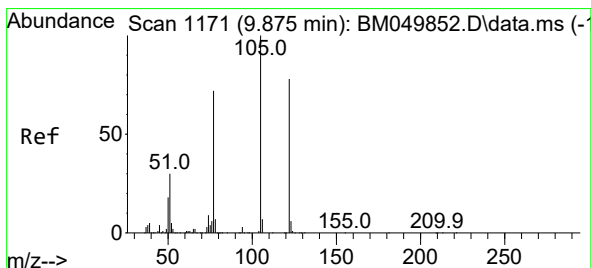
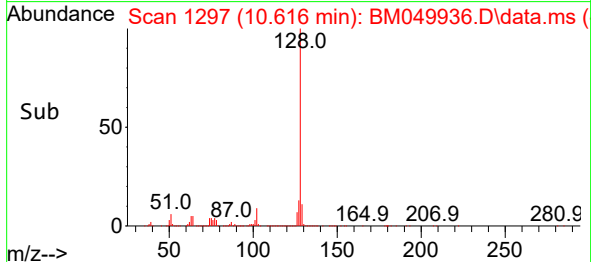
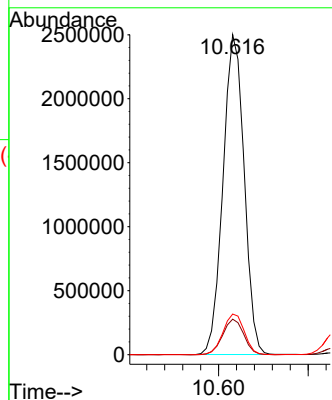
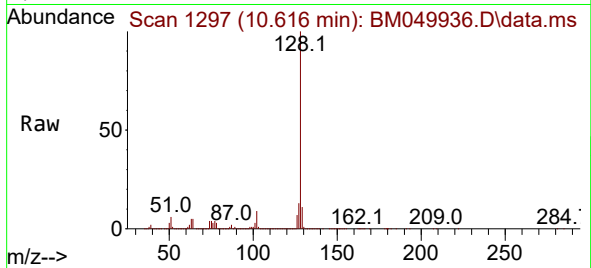




#31
Naphthalene
Concen: 42.608 ng
RT: 10.616 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

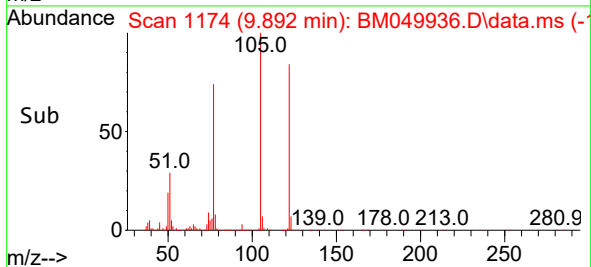
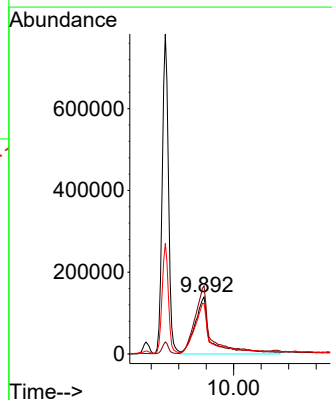
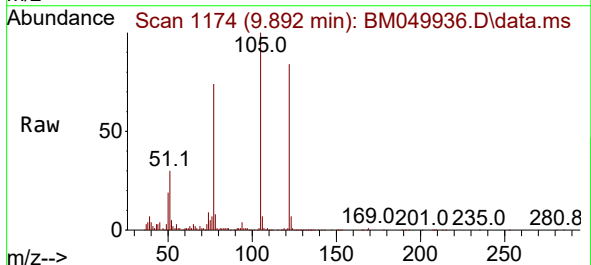
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BNA_M
ClientSampleId :
TP-1MSD

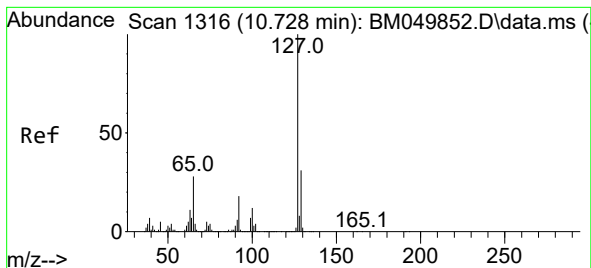
Tgt Ion:128 Resp: 4091069
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.7 10.6 15.8



#32
Benzoic acid
Concen: 28.128 ng m
RT: 9.892 min Scan# 1174
Delta R.T. 0.017 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:122 Resp: 573232
Ion Ratio Lower Upper
122 100
105 119.5 103.8 143.8
77 88.5 70.7 110.7

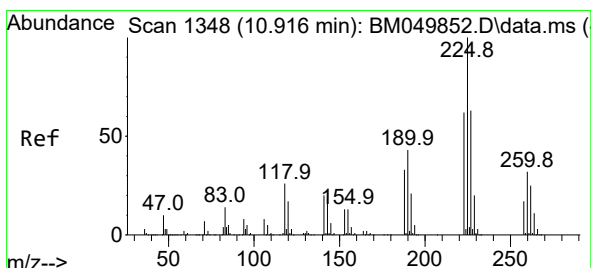
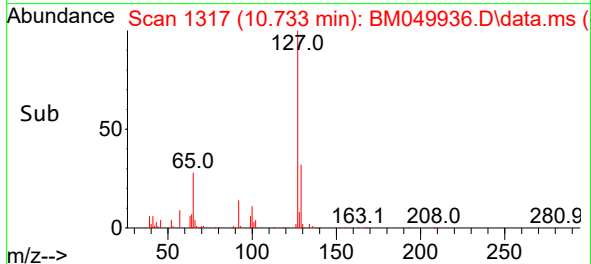
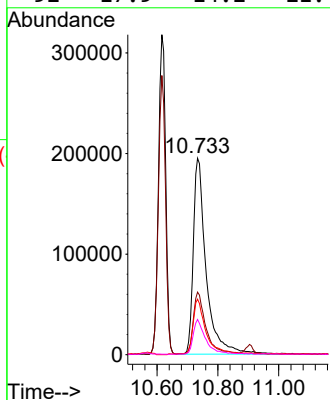
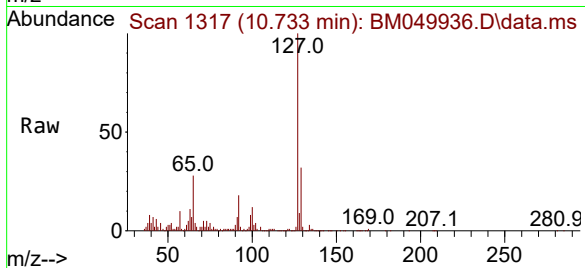




#33
4-Chloroaniline
Concen: 16.870 ng
RT: 10.733 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

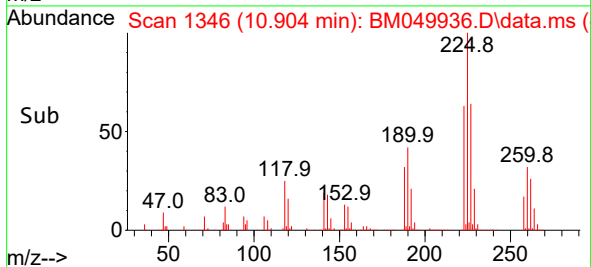
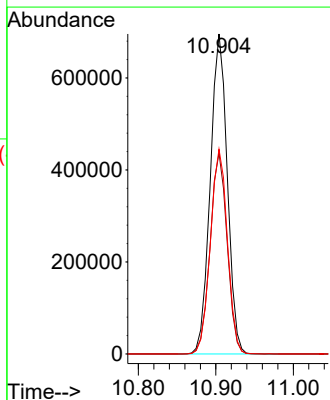
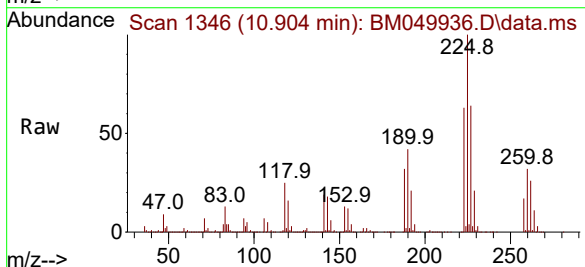
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

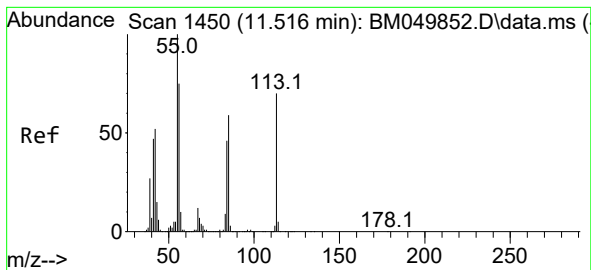
Tgt Ion:	127	Resp:	571990
Ion Ratio	Lower	Upper	
127	100		
129	31.9	24.9	37.3
65	28.2	22.4	33.6
92	17.9	14.2	21.4



#34
Hexachlorobutadiene
Concen: 45.927 ng
RT: 10.904 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:	225	Resp:	1060285
Ion Ratio	Lower	Upper	
225	100		
223	62.8	49.4	74.2
227	64.0	50.1	75.1

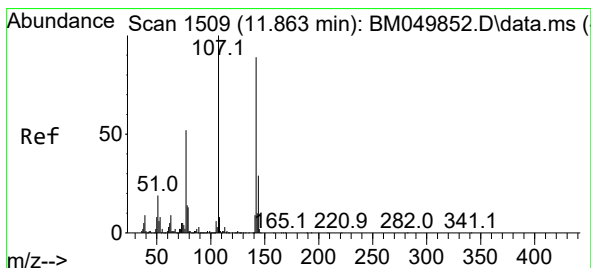
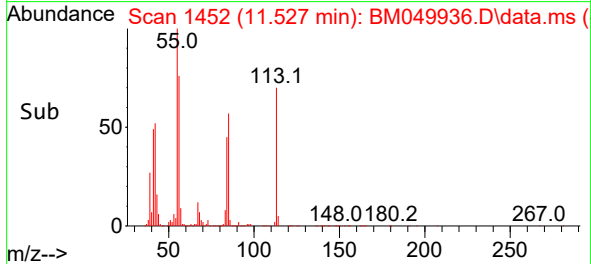
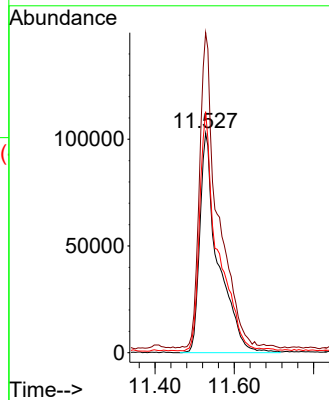
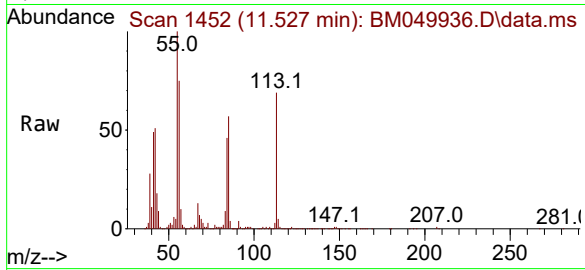




#35
Caprolactam
Concen: 35.355 ng
RT: 11.527 min Scan# 1450
Delta R.T. 0.012 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

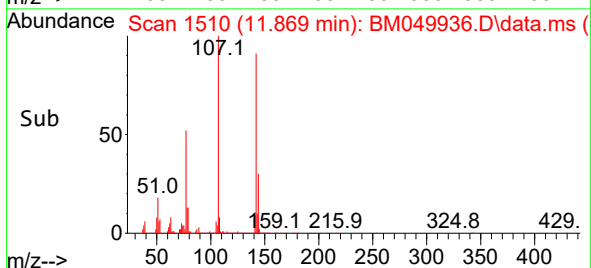
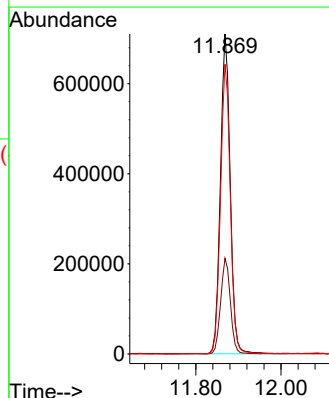
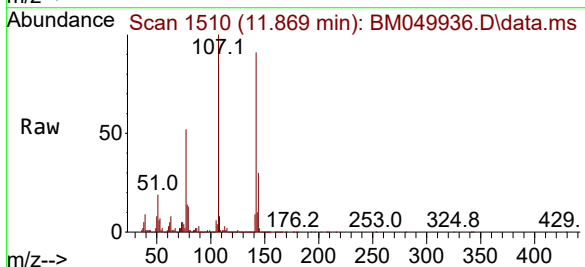
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

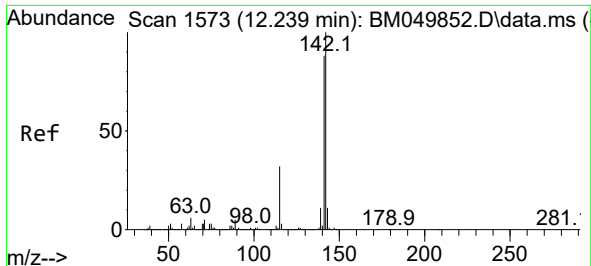
Tgt Ion:113 Resp: 327145
Ion Ratio Lower Upper
113 100
55 145.8 124.3 164.3
56 109.8 87.5 127.5



#36
4-Chloro-3-methylphenol
Concen: 40.125 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:107 Resp: 1133939
Ion Ratio Lower Upper
107 100
144 29.9 23.6 35.4
142 90.5 71.4 107.0

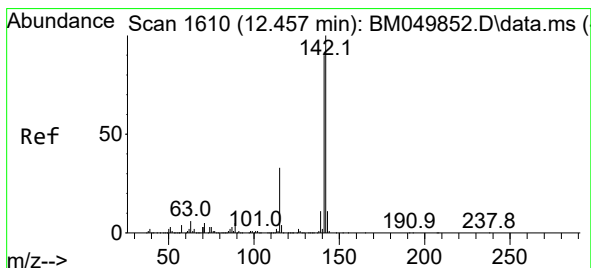
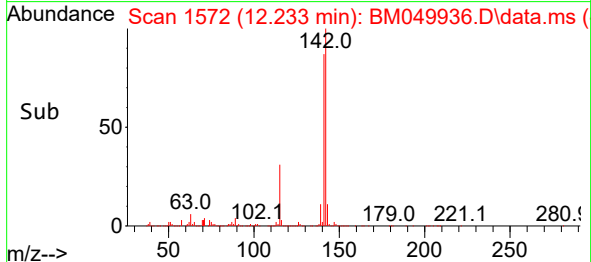
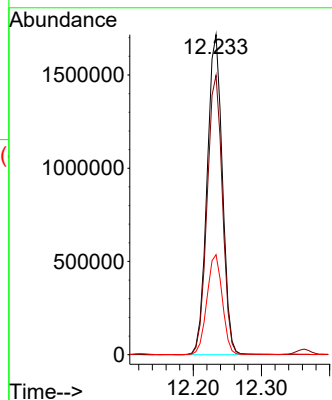
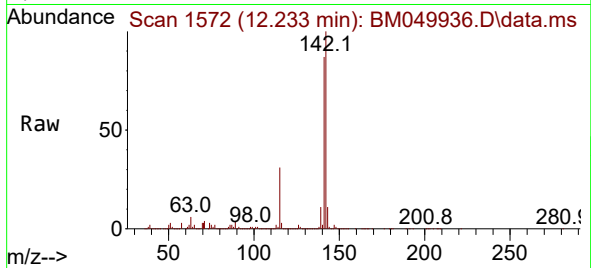




#37
2-Methylnaphthalene
Concen: 39.426 ng
RT: 12.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

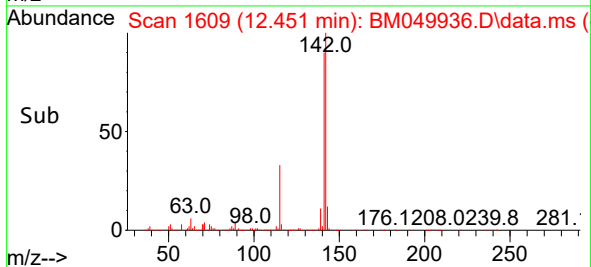
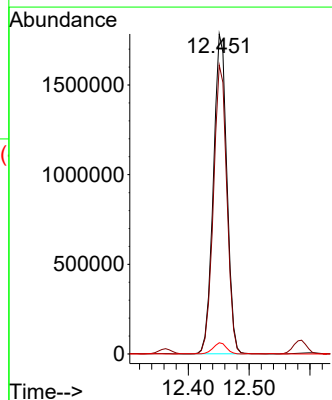
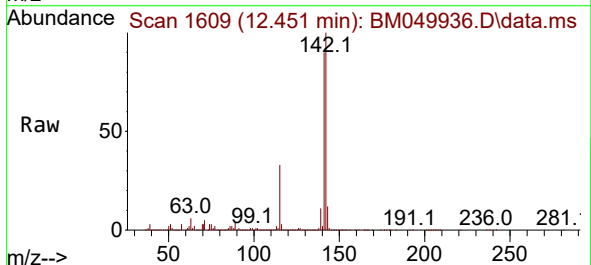
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

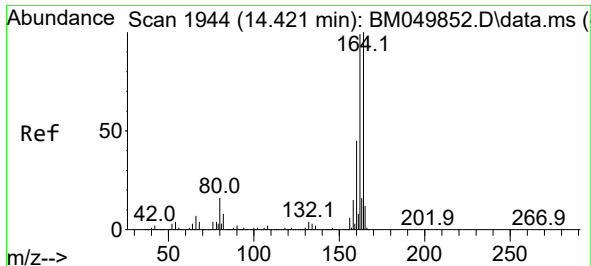
Tgt Ion:142 Resp: 2667156
Ion Ratio Lower Upper
142 100
141 87.3 70.2 105.2
115 31.3 25.4 38.2



#38
1-Methylnaphthalene
Concen: 41.742 ng
RT: 12.451 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:142 Resp: 2751057
Ion Ratio Lower Upper
142 100
141 90.3 72.2 108.2
116 3.5 2.9 4.3

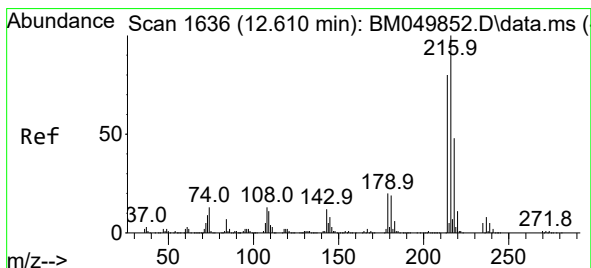
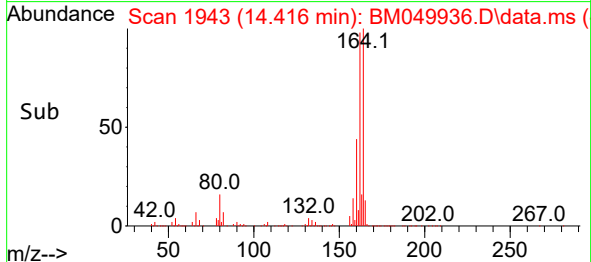
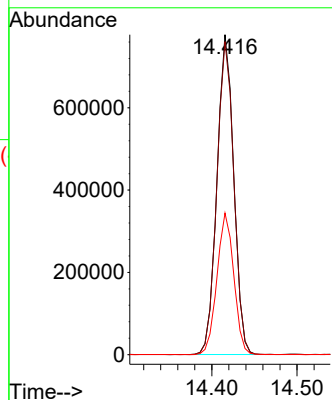
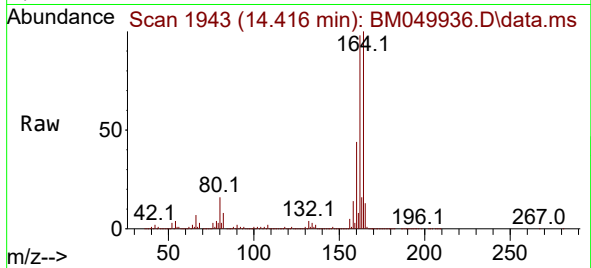




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

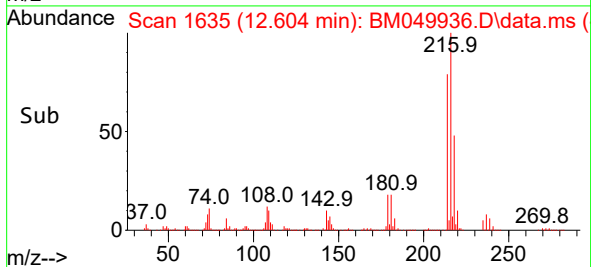
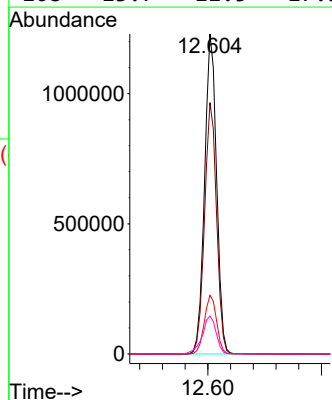
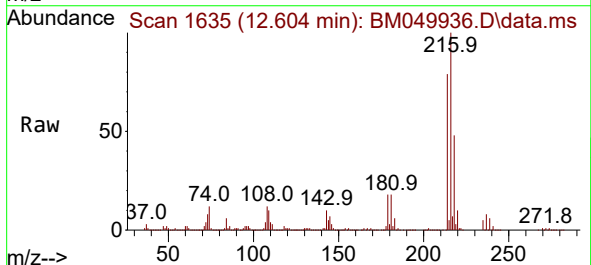
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

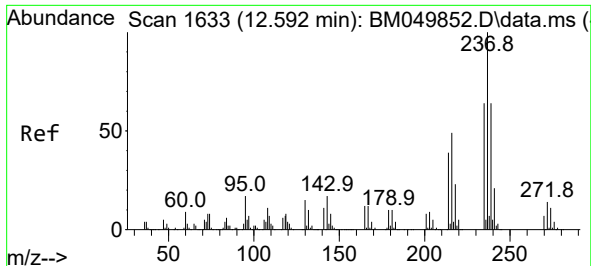
Tgt Ion:164 Resp: 1066061
Ion Ratio Lower Upper
164 100
162 97.8 79.4 119.0
160 44.3 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.099 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:216 Resp: 1793896
Ion Ratio Lower Upper
216 100
214 78.8 63.2 94.8
179 18.7 15.8 23.6
108 13.7 11.5 17.3

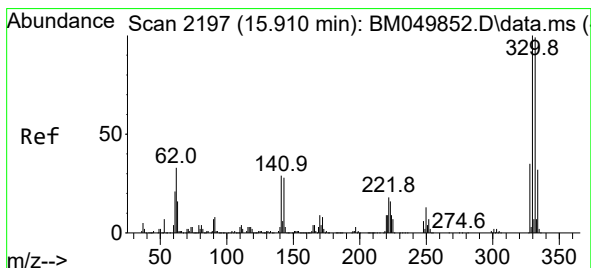
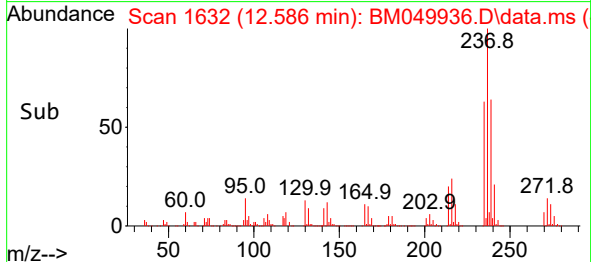
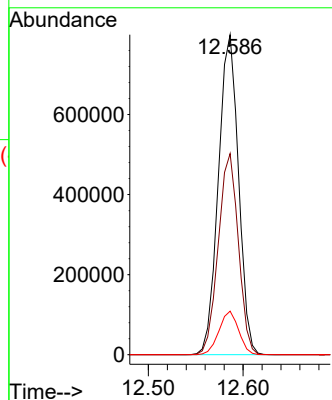
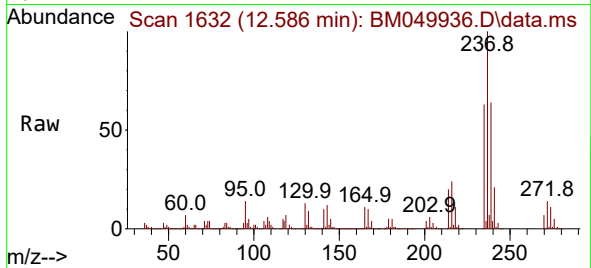




#41
Hexachlorocyclopentadiene
Concen: 90.318 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

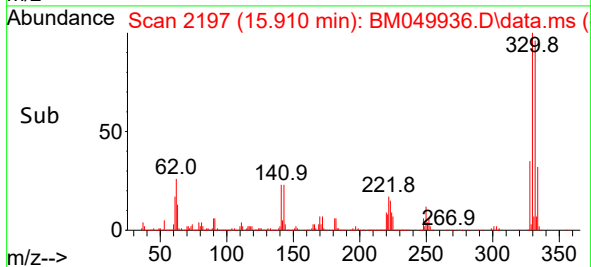
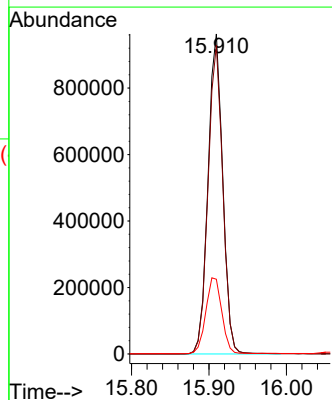
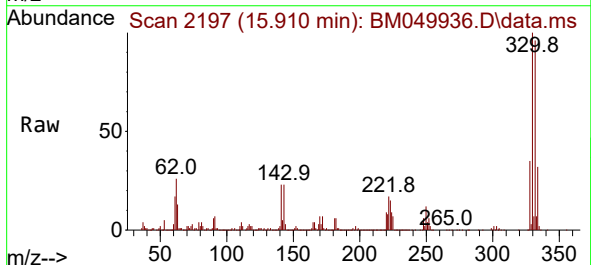
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ClientSampleId :
TP-1MSD

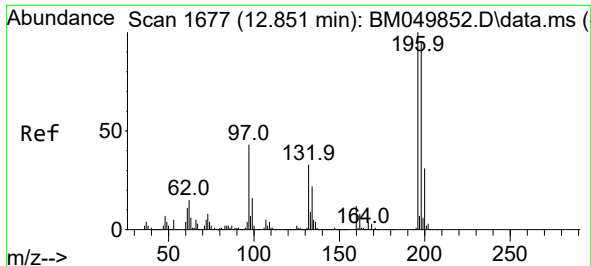
Tgt Ion:237 Resp: 1180333
Ion Ratio Lower Upper
237 100
235 62.9 43.7 83.7
272 13.6 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 81.897 ng
RT: 15.910 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:330 Resp: 1269919
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 25.6 23.5 35.3

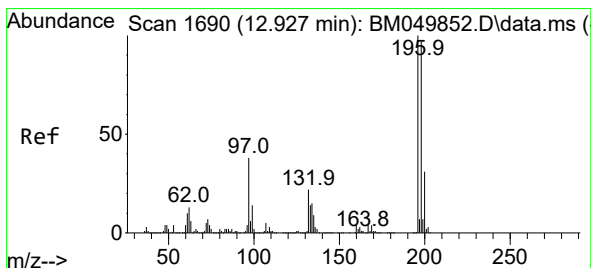
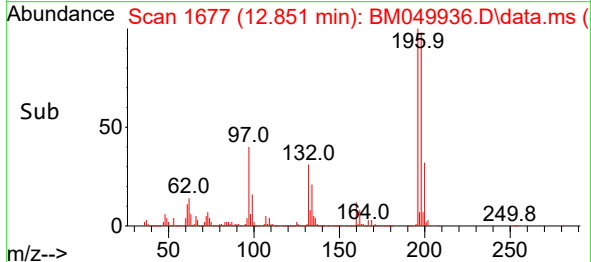
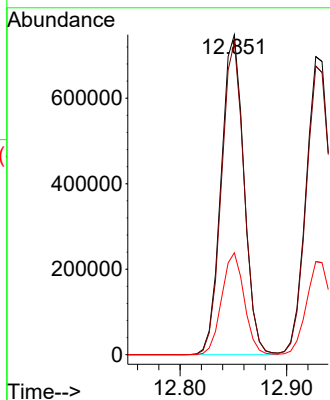
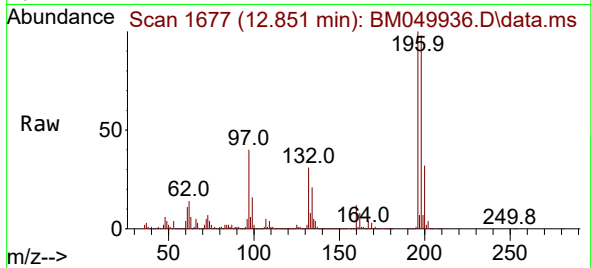




#43
2,4,6-Trichlorophenol
Concen: 46.893 ng
RT: 12.851 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

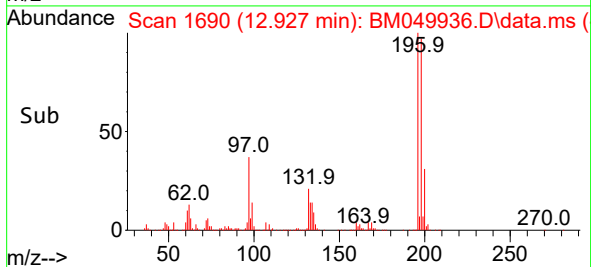
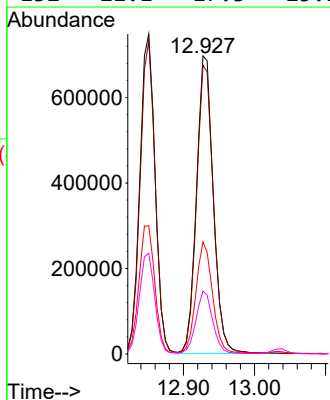
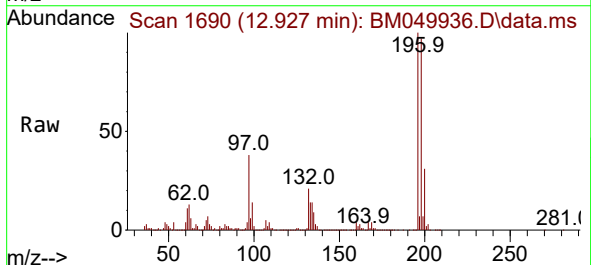
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

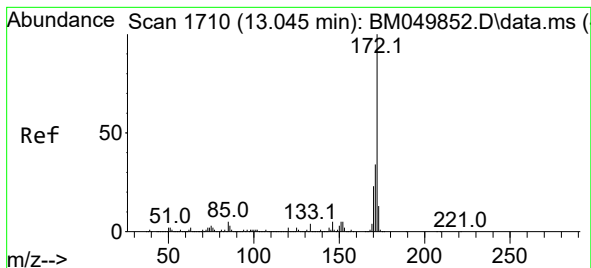
Tgt Ion:196 Resp: 1112896
Ion Ratio Lower Upper
196 100
198 97.8 76.1 114.1
200 31.9 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 44.740 ng
RT: 12.927 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:196 Resp: 1153872
Ion Ratio Lower Upper
196 100
198 96.8 77.7 116.5
97 37.6 30.3 45.5
132 21.1 17.3 25.9





#45

2-Fluorobiphenyl

Concen: 61.456 ng

RT: 13.033 min Scan# 1708

Delta R.T. -0.012 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

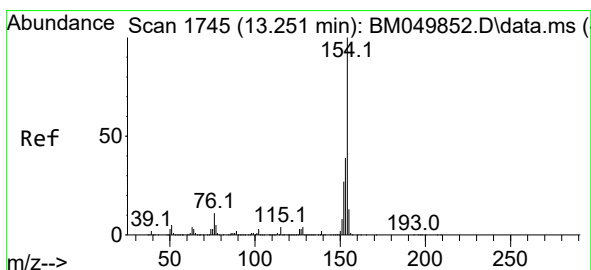
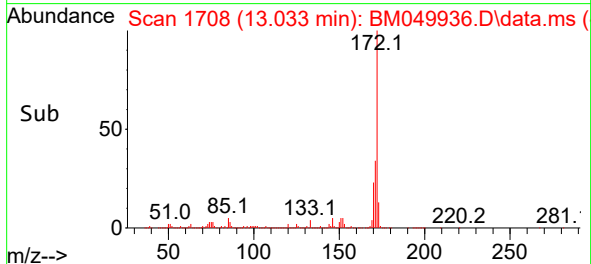
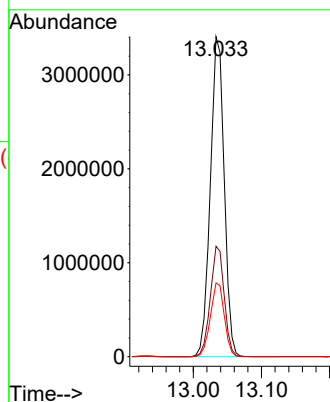
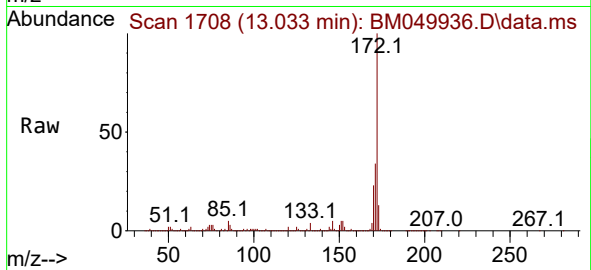
Tgt Ion:172 Resp: 4831546

Ion Ratio Lower Upper

172 100

171 34.5 27.4 41.2

170 23.0 18.6 28.0



#46

1,1'-Biphenyl

Concen: 45.744 ng

RT: 13.245 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

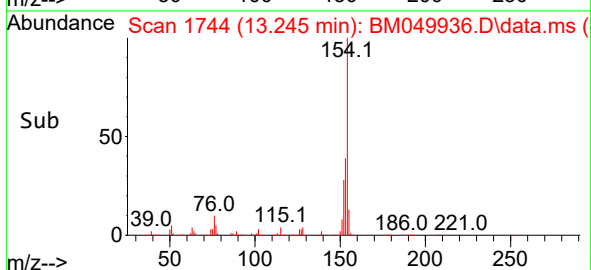
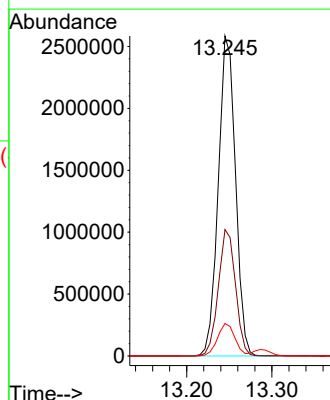
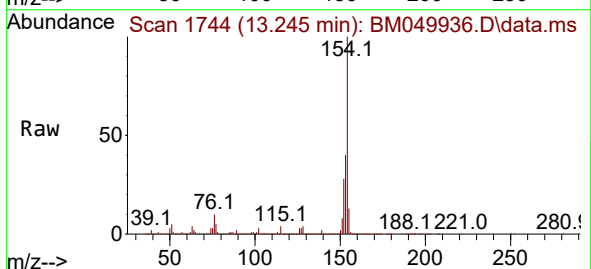
Tgt Ion:154 Resp: 3625070

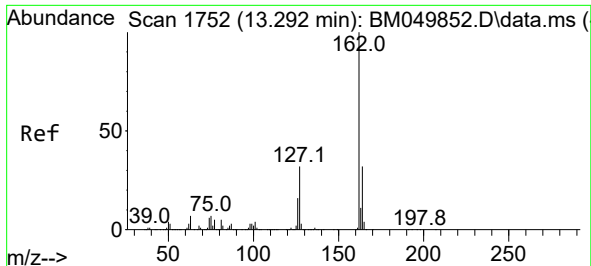
Ion Ratio Lower Upper

154 100

153 39.5 19.3 59.3

76 10.2 0.0 30.7

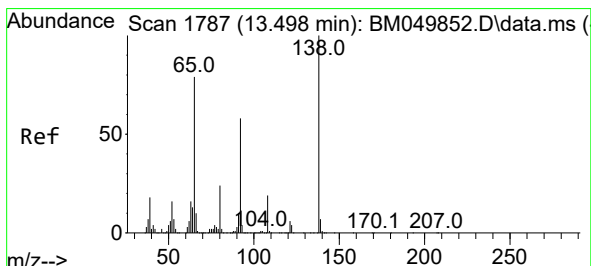
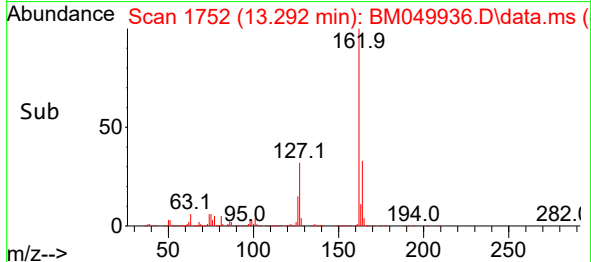
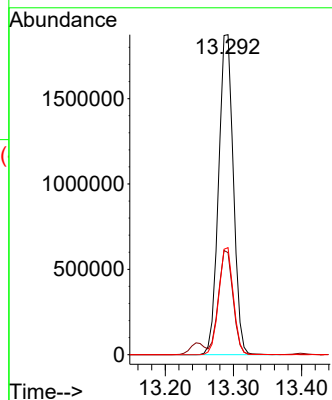
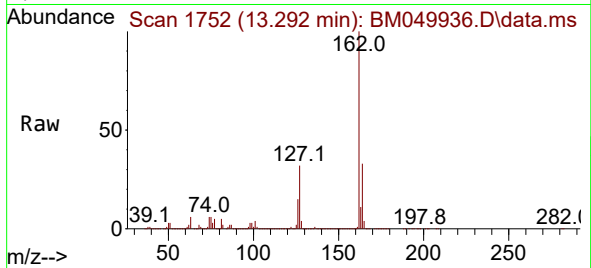




#47
2-Chloronaphthalene
Concen: 45.378 ng
RT: 13.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

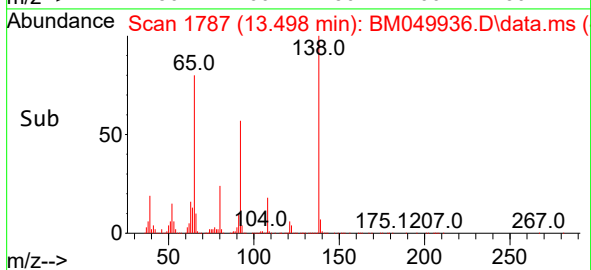
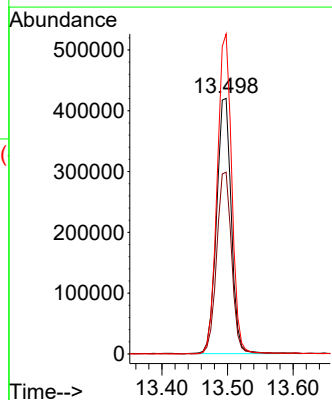
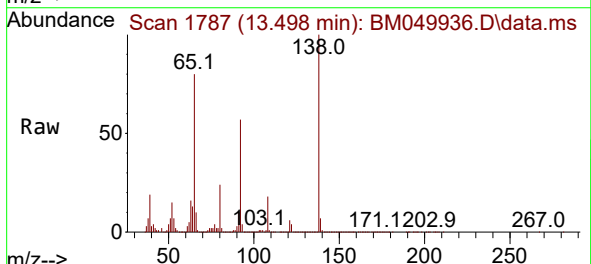
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

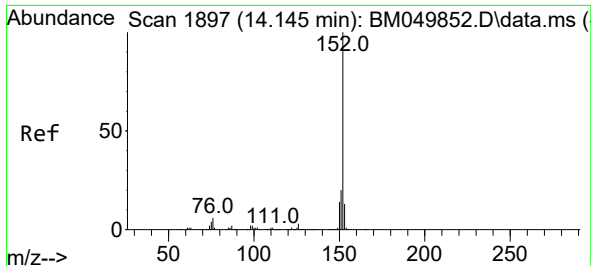
Tgt Ion:162 Resp: 2826461
Ion Ratio Lower Upper
162 100
127 31.9 26.0 39.0
164 33.5 25.9 38.9



#48
2-Nitroaniline
Concen: 45.365 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion: 65 Resp: 653697
Ion Ratio Lower Upper
65 100
92 71.1 58.4 87.6
138 125.2 100.8 151.2

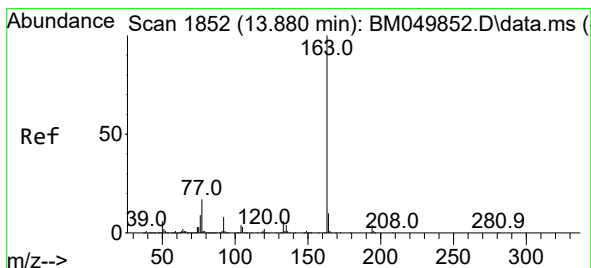
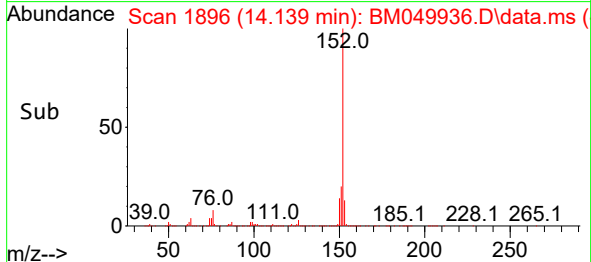
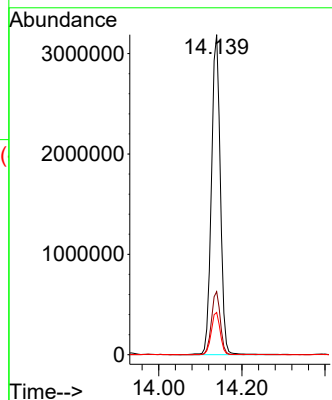
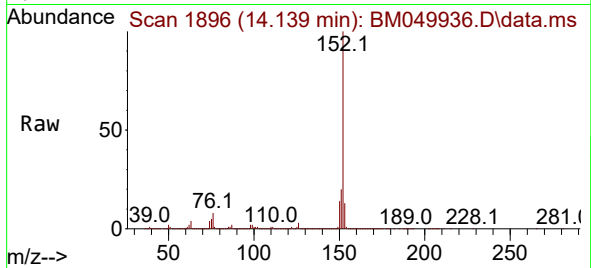




#49
Acenaphthylene
Concen: 52.028 ng
RT: 14.139 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

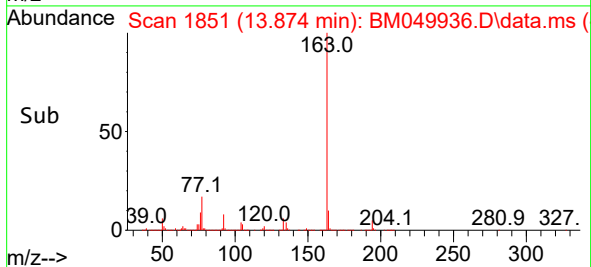
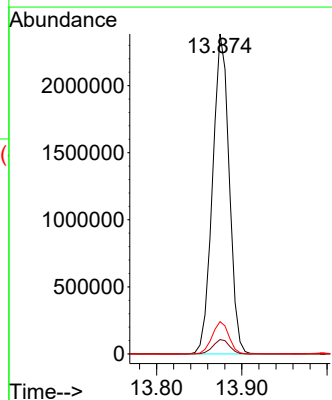
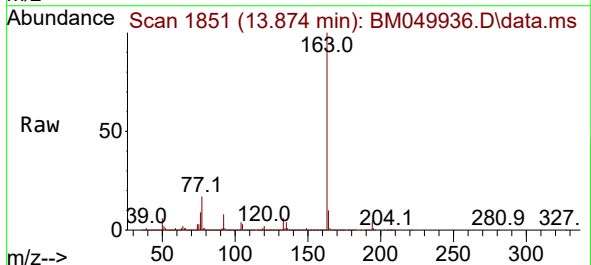
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

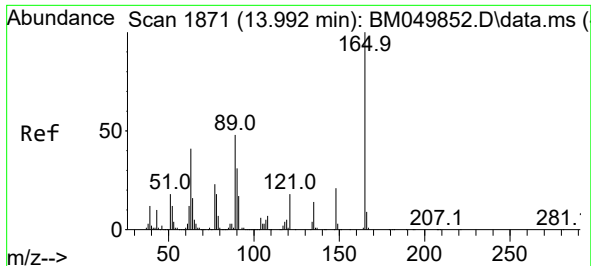
Tgt Ion:152 Resp: 4720544
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 42.924 ng
RT: 13.874 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:163 Resp: 3228246
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.1 7.9 11.9

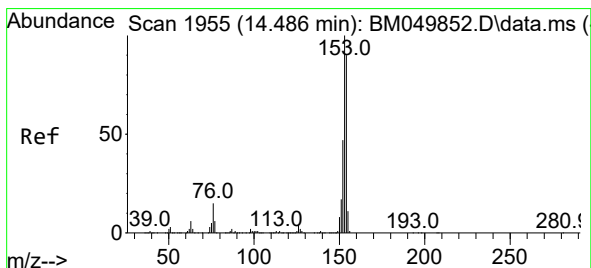
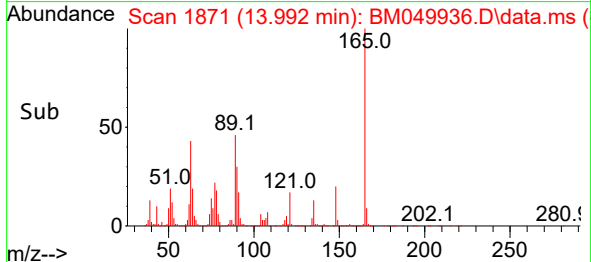
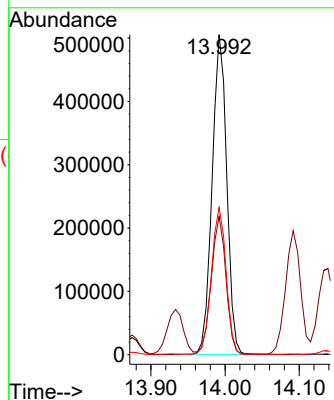
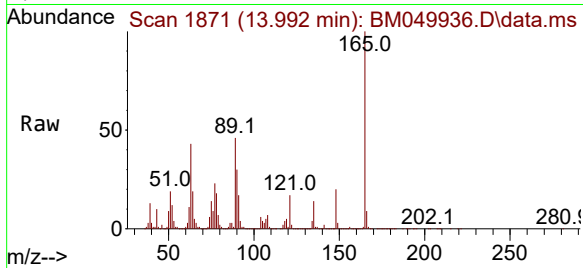




#51
2,6-Dinitrotoluene
Concen: 43.773 ng
RT: 13.992 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

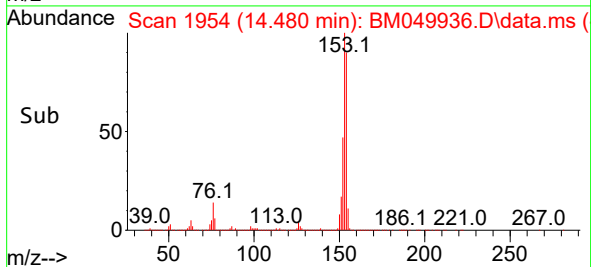
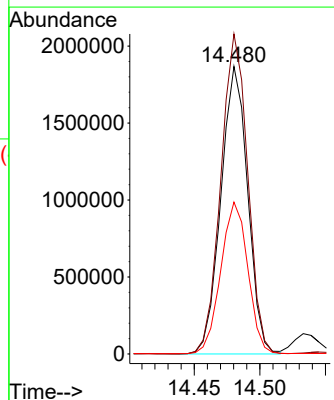
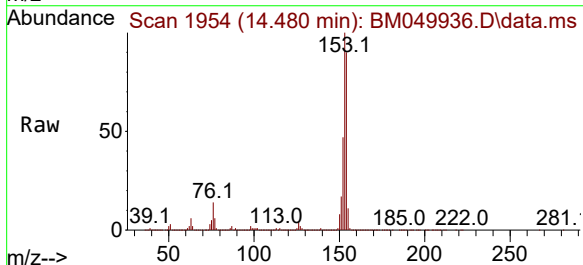
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

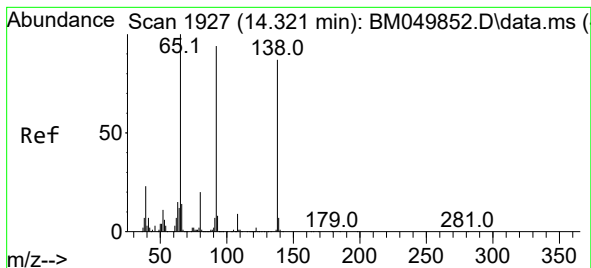
Tgt Ion:165 Resp: 689741
Ion Ratio Lower Upper
165 100
63 43.2 36.1 54.1
89 46.0 38.3 57.5



#52
Acenaphthene
Concen: 45.994 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:154 Resp: 2654438
Ion Ratio Lower Upper
154 100
153 111.3 89.3 133.9
152 52.8 42.2 63.2

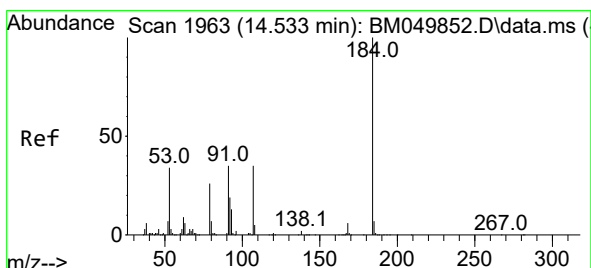
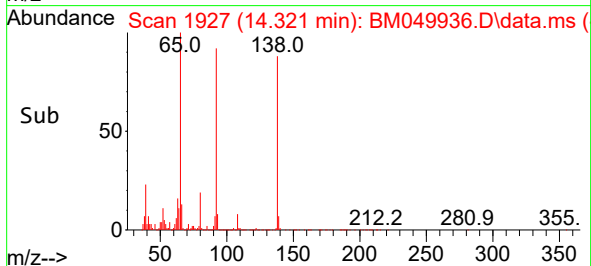
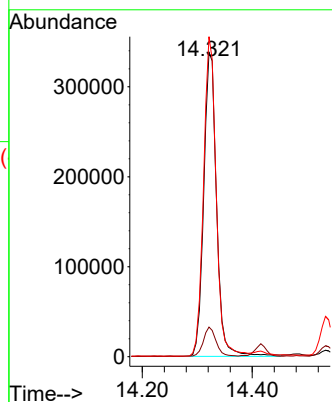
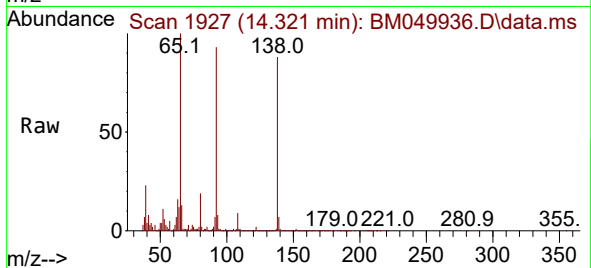




#53
3-Nitroaniline
Concen: 35.992 ng
RT: 14.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

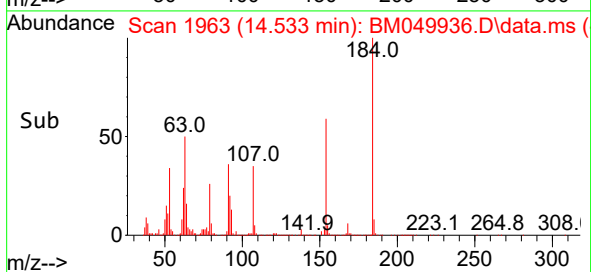
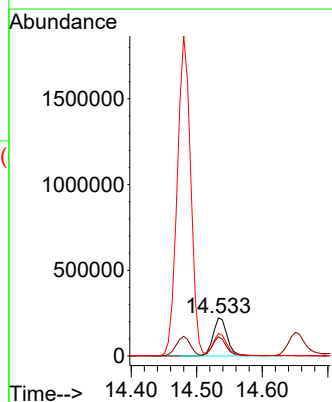
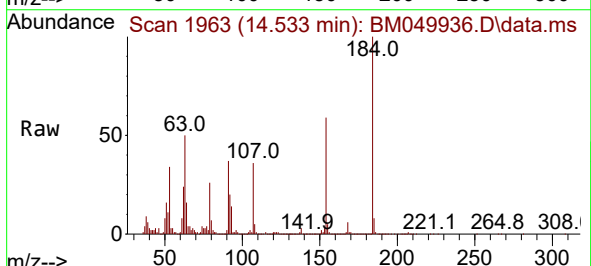
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

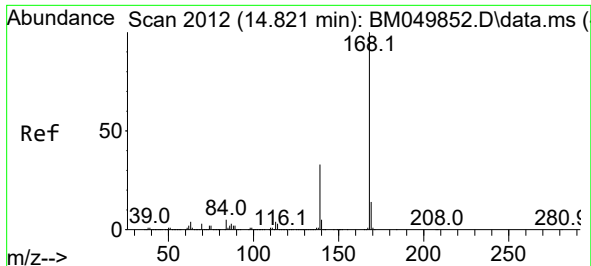
Tgt Ion:138 Resp: 548137
Ion Ratio Lower Upper
138 100
108 9.7 8.1 12.1
92 105.1 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 34.094 ng
RT: 14.533 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:184 Resp: 337044
Ion Ratio Lower Upper
184 100
63 50.2 38.4 57.6
154 59.2 48.1 72.1

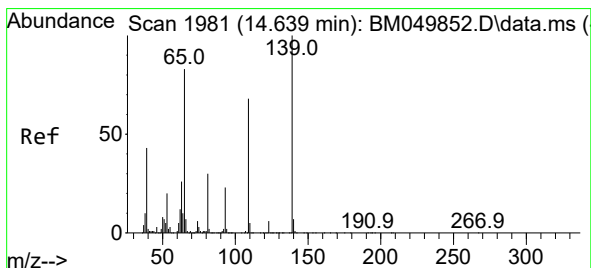
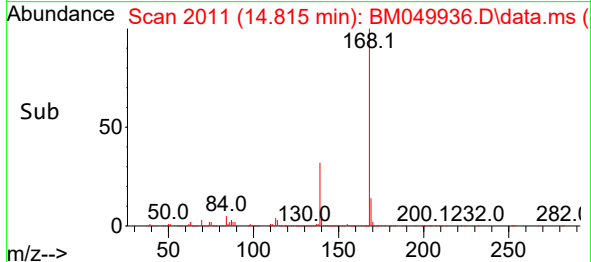
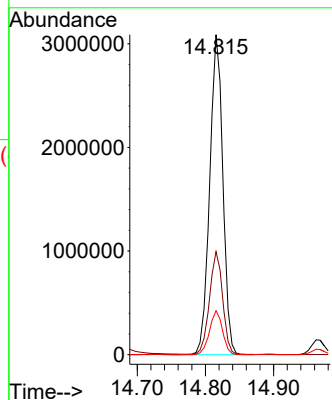
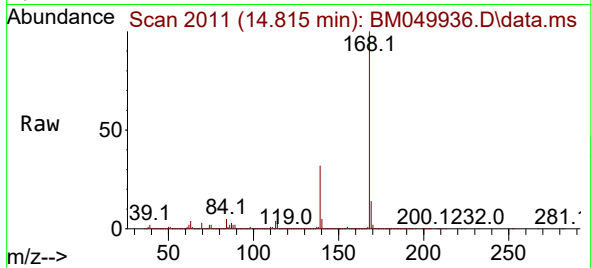




#55
Dibenzenofuran
Concen: 42.936 ng
RT: 14.815 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

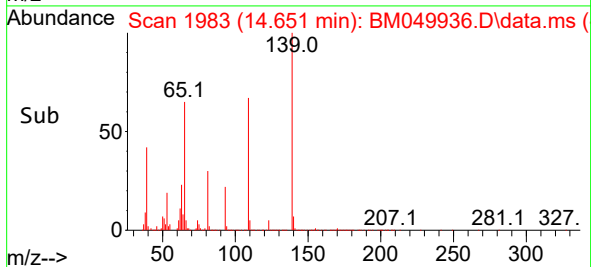
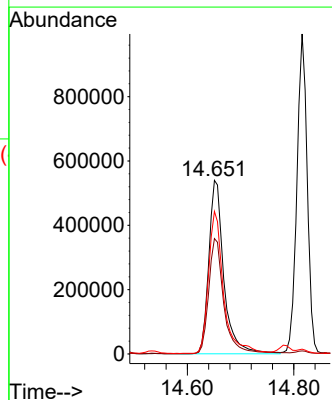
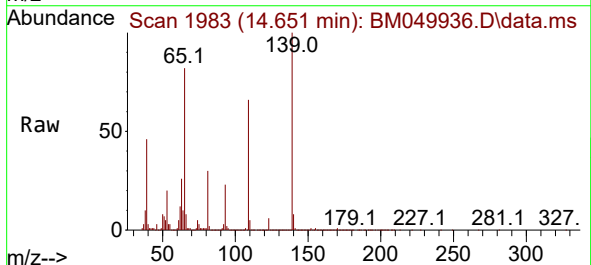
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

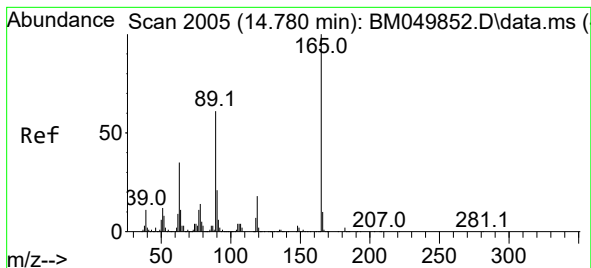
Tgt Ion:168 Resp: 4142350
Ion Ratio Lower Upper
168 100
139 32.2 26.6 39.8
169 13.8 11.0 16.4



#56
4-Nitrophenol
Concen: 78.535 ng
RT: 14.651 min Scan# 1983
Delta R.T. 0.012 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:139 Resp: 1065838
Ion Ratio Lower Upper
139 100
109 66.5 47.9 87.9
65 82.1 62.7 102.7

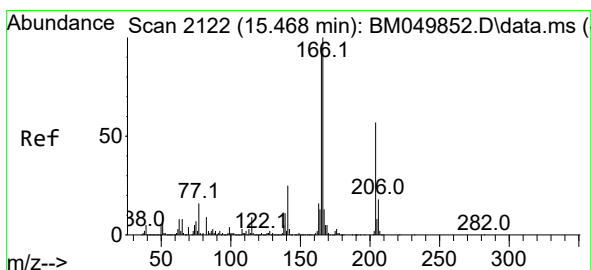
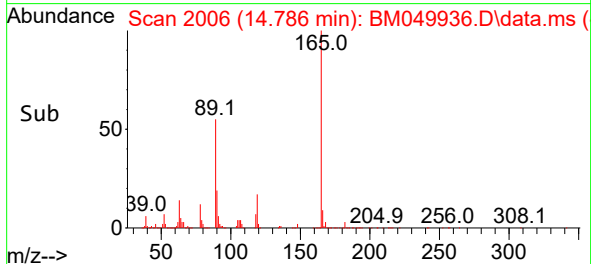
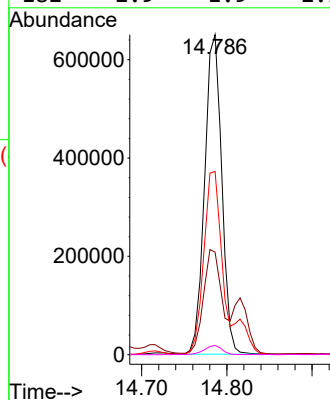
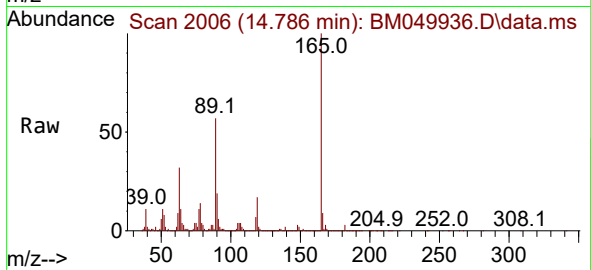




#57
2,4-Dinitrotoluene
Concen: 43.093 ng
RT: 14.786 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

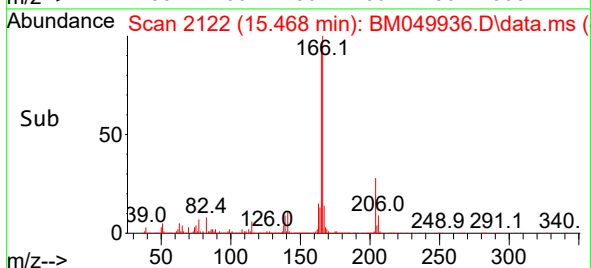
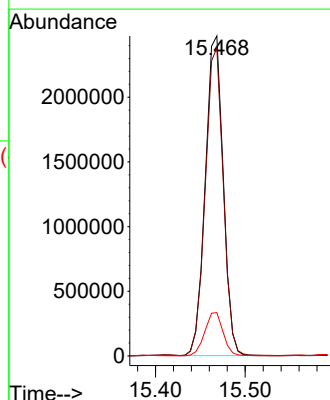
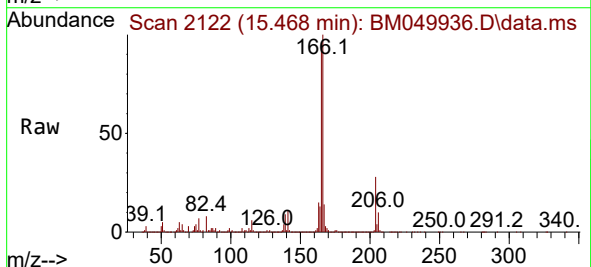
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

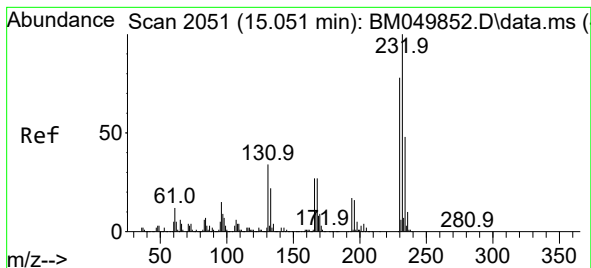
Tgt Ion:165 Resp: 905882
Ion Ratio Lower Upper
165 100
63 32.0 28.6 42.8
89 57.3 49.0 73.6
182 2.9 1.9 2.9#



#58
Fluorene
Concen: 44.864 ng
RT: 15.468 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:166 Resp: 3440606
Ion Ratio Lower Upper
166 100
165 96.3 76.3 114.5
167 13.6 10.7 16.1

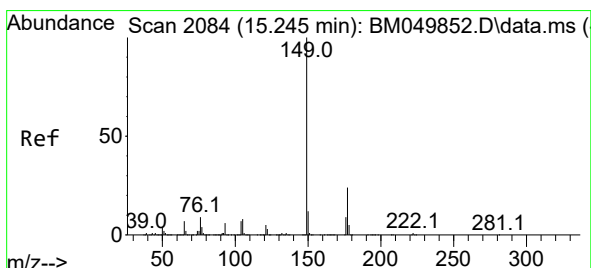
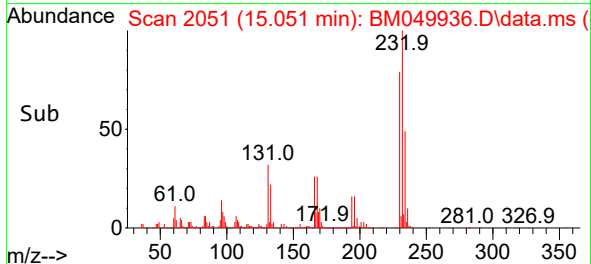
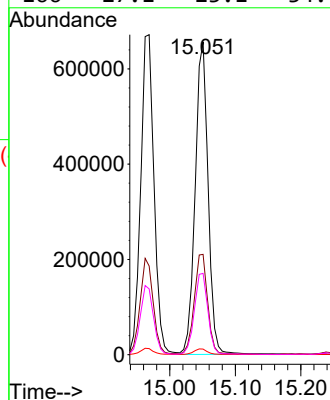
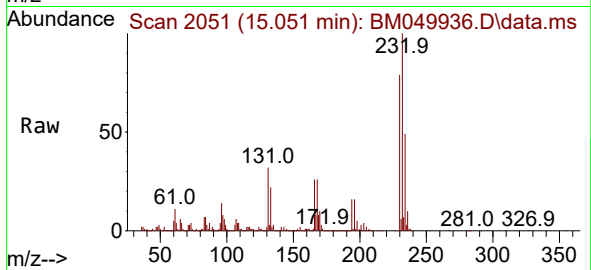




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.747 ng
RT: 15.051 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

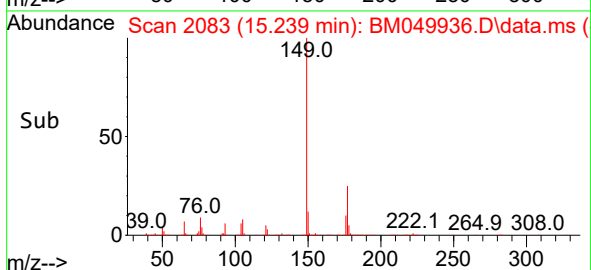
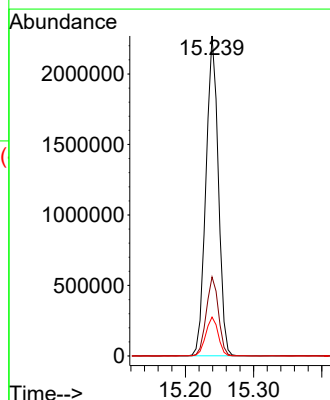
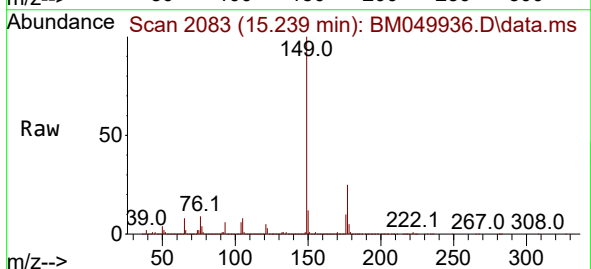
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

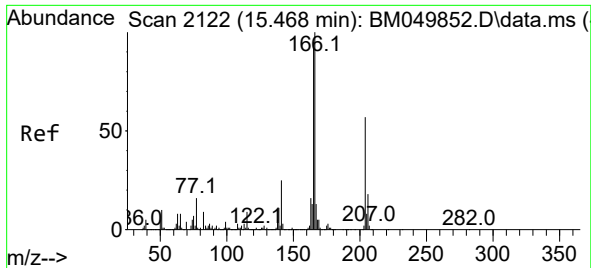
Tgt Ion:232 Resp: 898468
Ion Ratio Lower Upper
232 100
131 33.1 28.4 42.6
130 1.8 1.6 2.4
166 27.1 23.1 34.7



#60
Diethylphthalate
Concen: 39.749 ng
RT: 15.239 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:149 Resp: 2866898
Ion Ratio Lower Upper
149 100
177 24.7 19.0 28.4
150 12.2 9.7 14.5

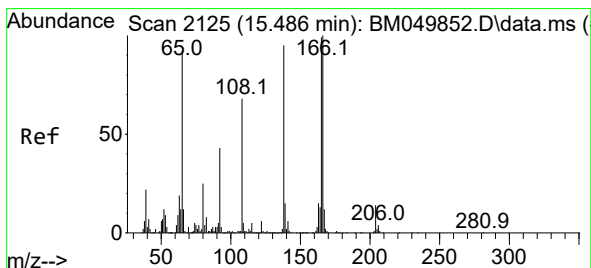
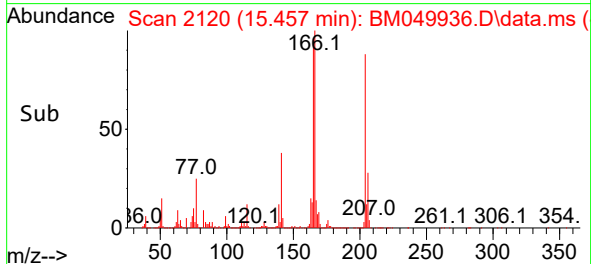
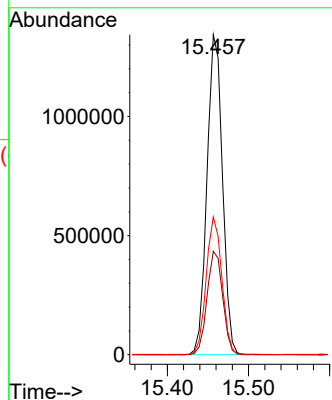
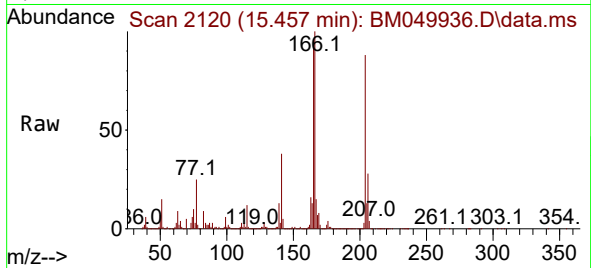




#61
4-Chlorophenyl-phenylether
Concen: 43.179 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

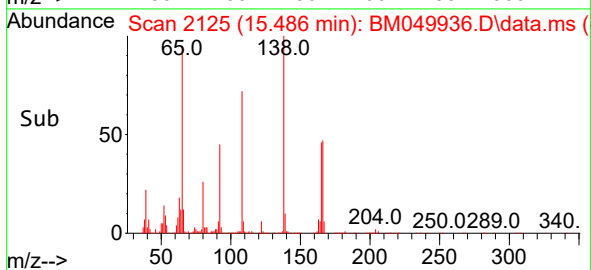
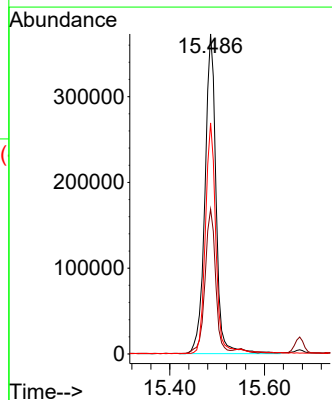
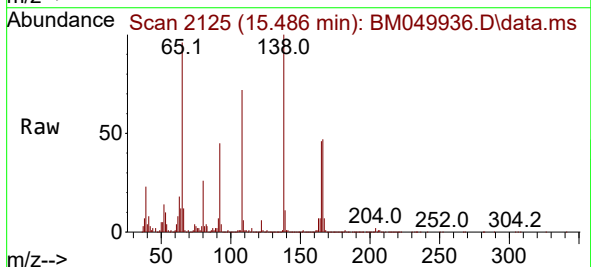
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

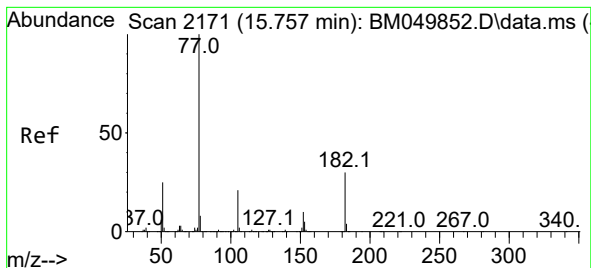
Tgt Ion:204 Resp: 1775320
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 43.1 35.0 52.6



#62
4-Nitroaniline
Concen: 38.627 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:138 Resp: 608358
Ion Ratio Lower Upper
138 100
92 45.3 24.9 64.9
108 72.2 51.7 91.7





#63

Azobenzene

Concen: 42.977 ng

RT: 15.751 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

Tgt Ion: 77 Resp: 2653800

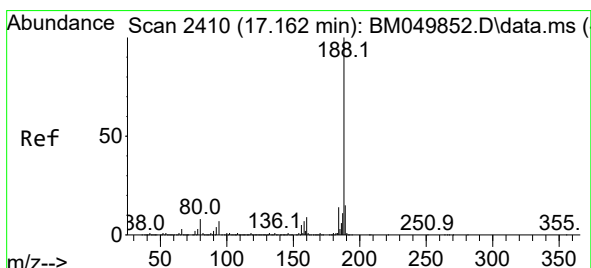
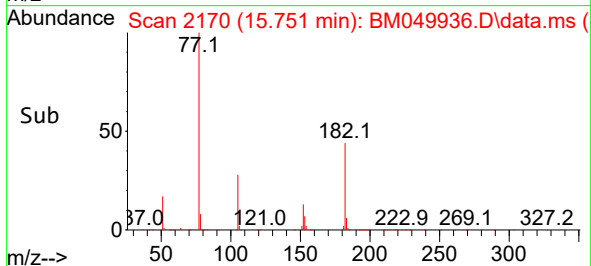
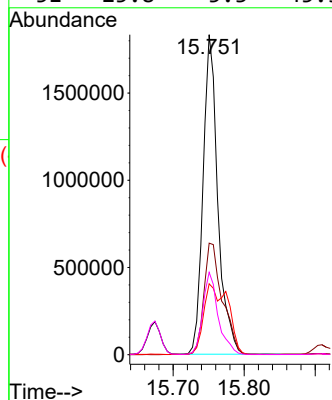
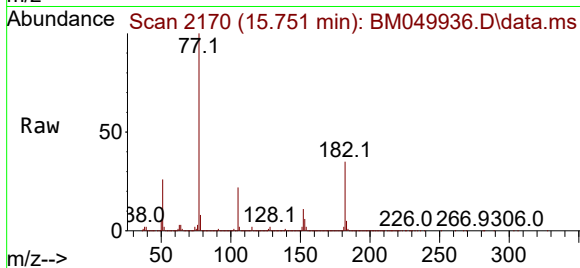
Ion Ratio Lower Upper

77 100

182 34.9 10.4 50.4

105 22.1 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: BM049936.D

Acq: 15 Apr 2025 15:54

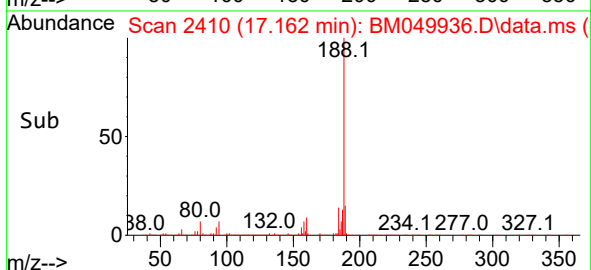
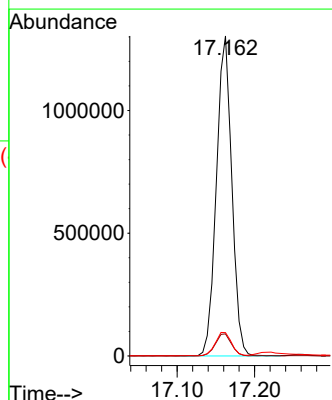
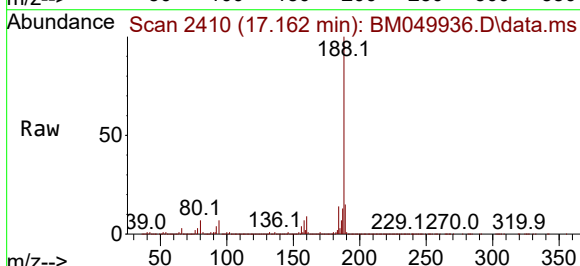
Tgt Ion:188 Resp: 1799045

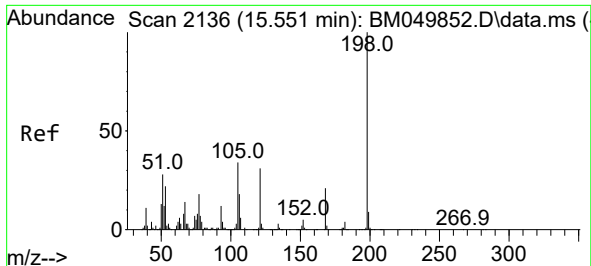
Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.6

80 7.3 6.4 9.6

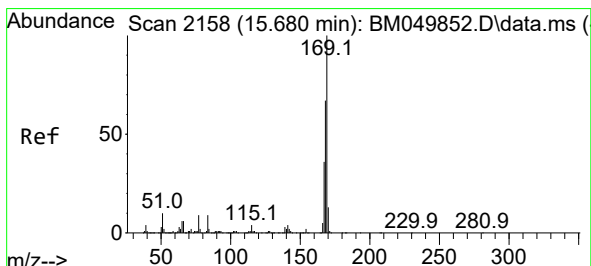
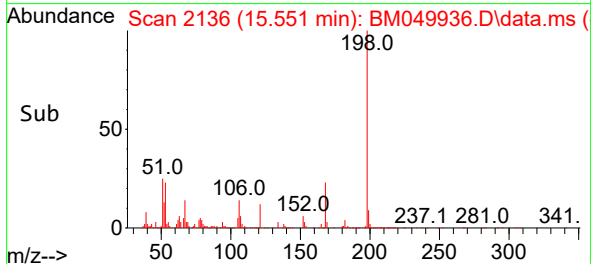
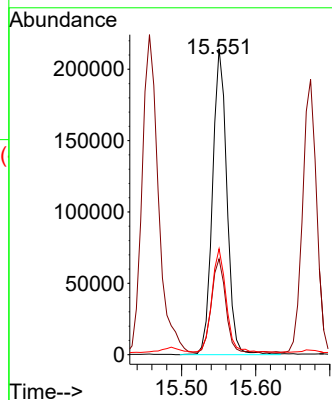
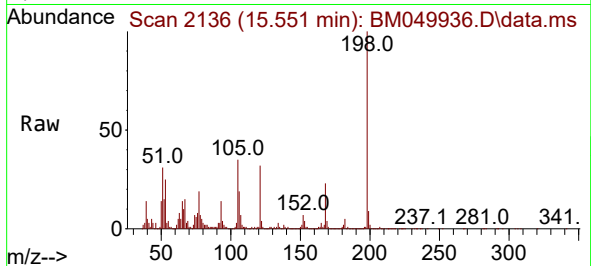




#65
 4,6-Dinitro-2-methylphenol
 Concen: 25.504 ng
 RT: 15.551 min Scan# 2136
 Delta R.T. -0.000 min
 Lab File: BM049936.D
 Acq: 15 Apr 2025 15:54

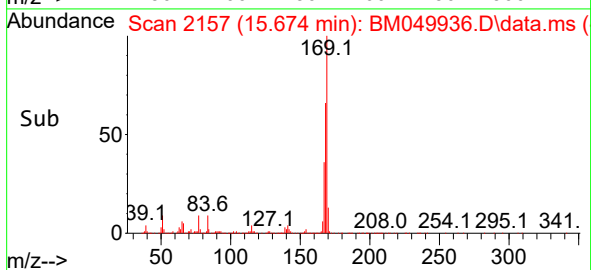
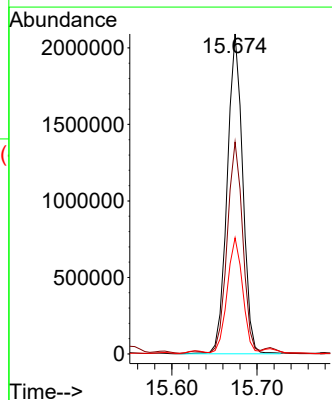
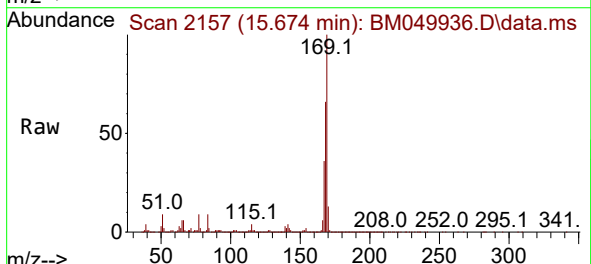
Instrument :
 BNA_M
 ClientSampleId :
 TP-1MSD

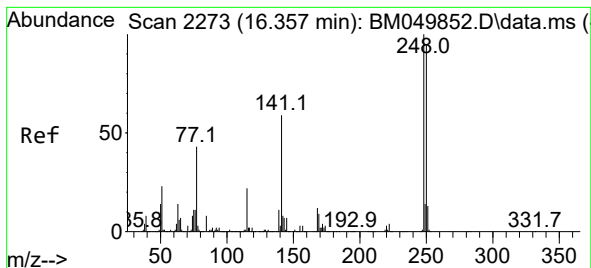
Tgt Ion:198 Resp: 289137
 Ion Ratio Lower Upper
 198 100
 51 31.3 9.6 49.6
 105 34.6 14.7 54.7



#66
 n-Nitrosodiphenylamine
 Concen: 49.175 ng
 RT: 15.674 min Scan# 2157
 Delta R.T. -0.006 min
 Lab File: BM049936.D
 Acq: 15 Apr 2025 15:54

Tgt Ion:169 Resp: 2647541
 Ion Ratio Lower Upper
 169 100
 168 66.2 53.4 80.2
 167 36.3 29.0 43.6

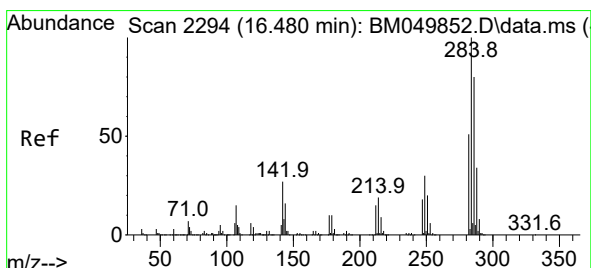
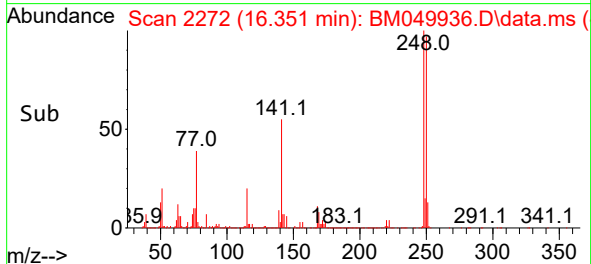
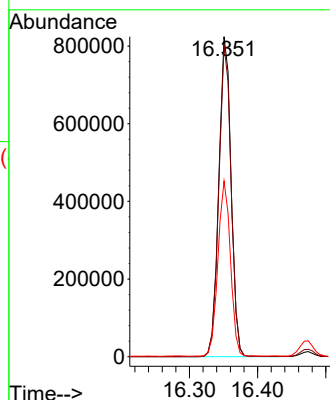
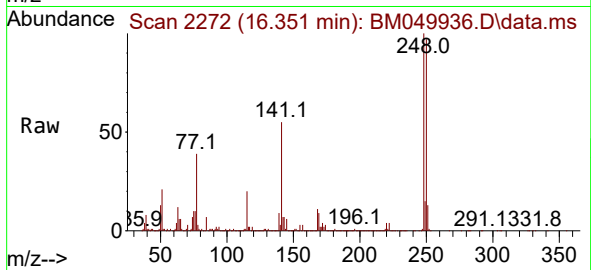




#67
4-Bromophenyl-phenylether
Concen: 49.454 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

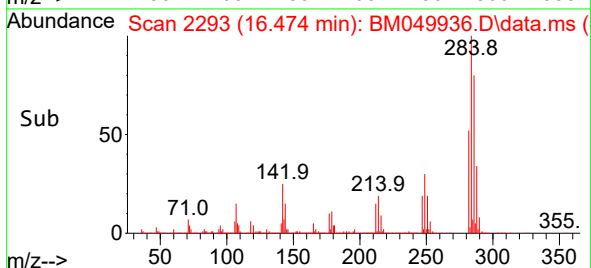
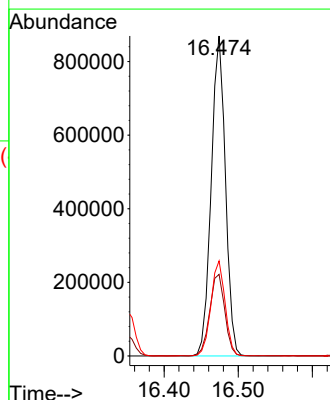
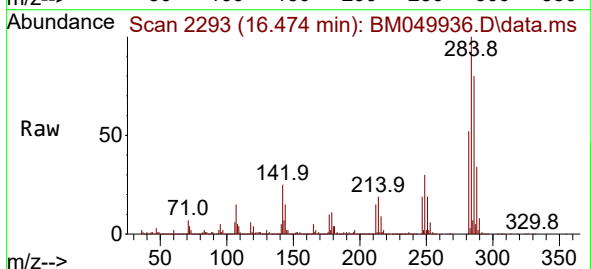
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

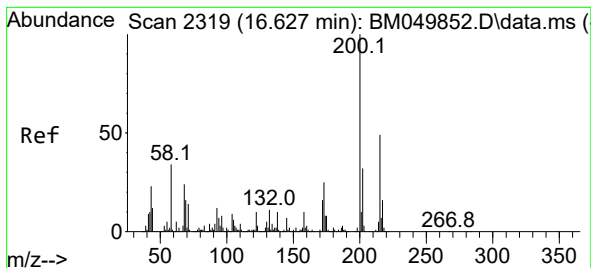
Tgt Ion:248 Resp: 1032828
Ion Ratio Lower Upper
248 100
250 97.4 76.2 114.2
141 54.9 47.3 70.9



#68
Hexachlorobenzene
Concen: 48.224 ng
RT: 16.474 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:284 Resp: 1155227
Ion Ratio Lower Upper
284 100
142 25.5 21.2 31.8
249 29.7 24.1 36.1





#69

Atrazine

Concen: 61.854 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

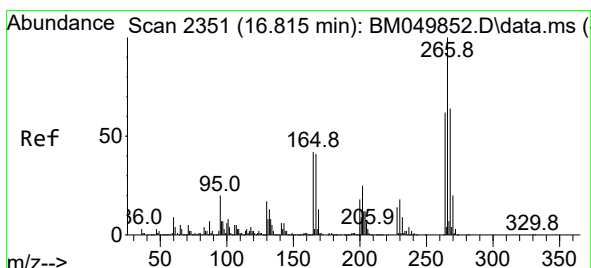
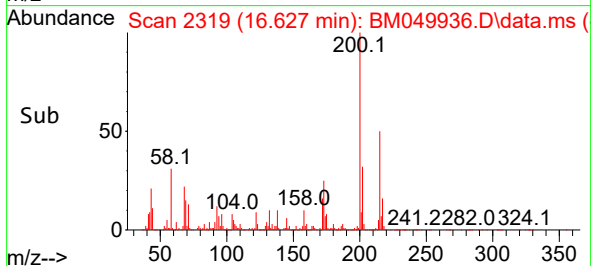
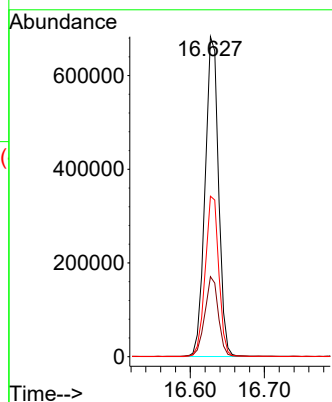
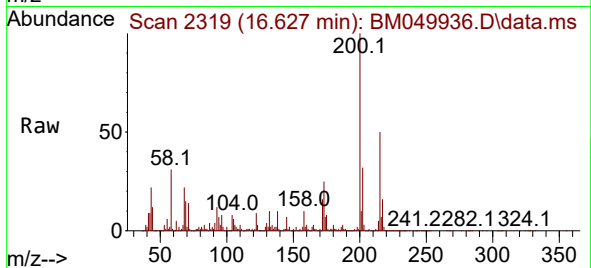
Tgt Ion:200 Resp: 863448

Ion Ratio Lower Upper

200 100

173 25.0 5.4 45.4

215 50.1 29.0 69.0



#70

Pentachlorophenol

Concen: 88.778 ng

RT: 16.821 min Scan# 2352

Delta R.T. 0.006 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

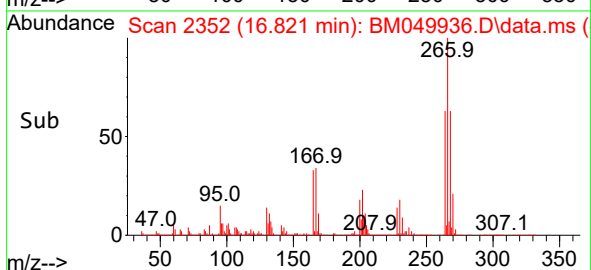
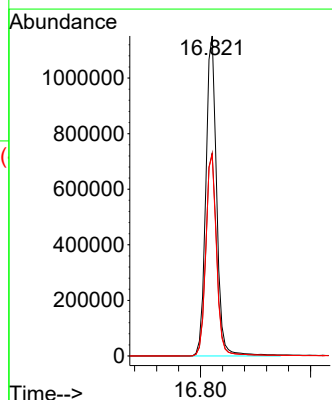
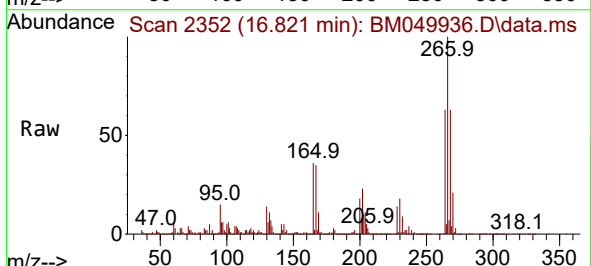
Tgt Ion:266 Resp: 1565732

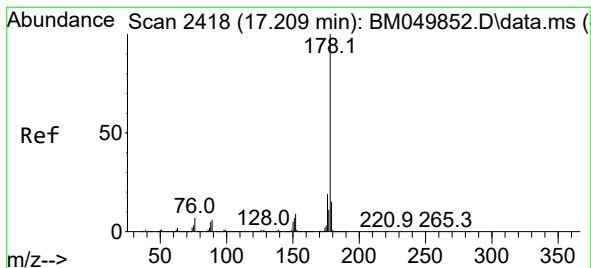
Ion Ratio Lower Upper

266 100

268 63.4 51.4 77.2

264 62.9 49.8 74.8





#71

Phenanthrene

Concen: 80.889 ng

RT: 17.204 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

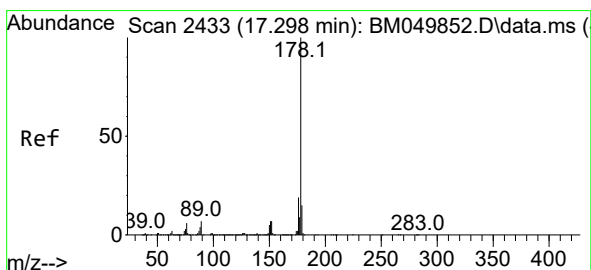
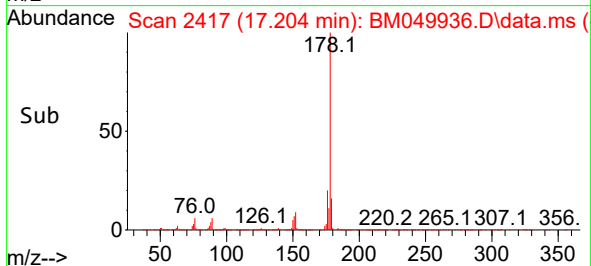
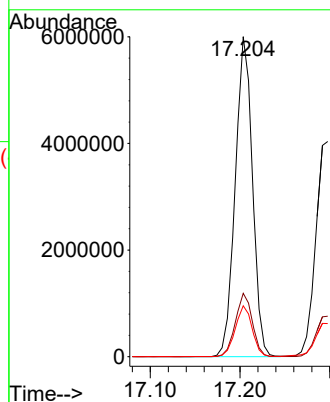
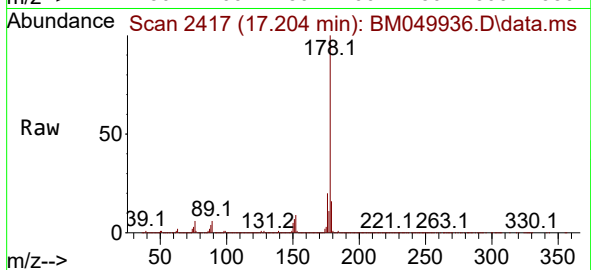
Tgt Ion:178 Resp: 7978106

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.2

179 15.9 12.3 18.5



#72

Anthracene

Concen: 57.831 ng

RT: 17.298 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

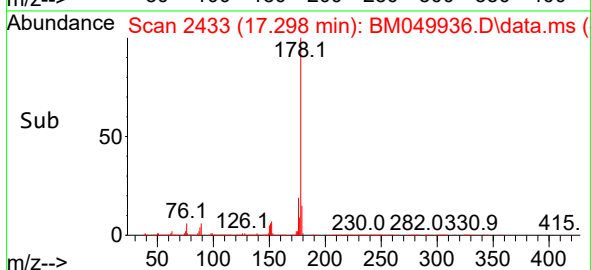
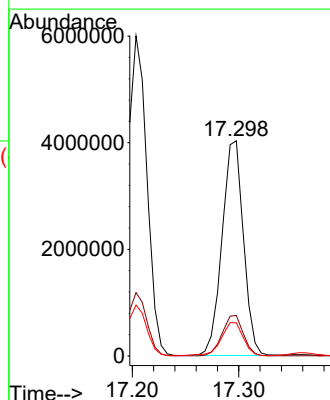
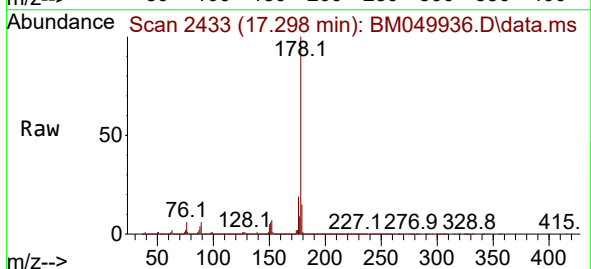
Tgt Ion:178 Resp: 5621088

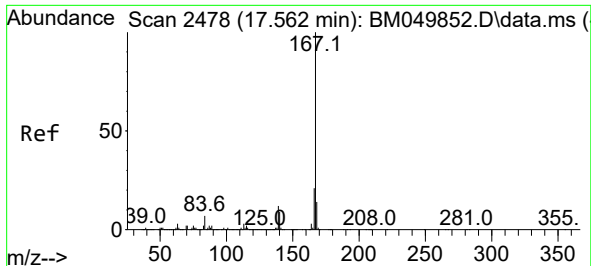
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.4 12.4 18.6

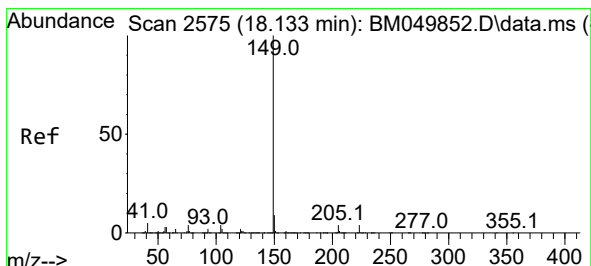
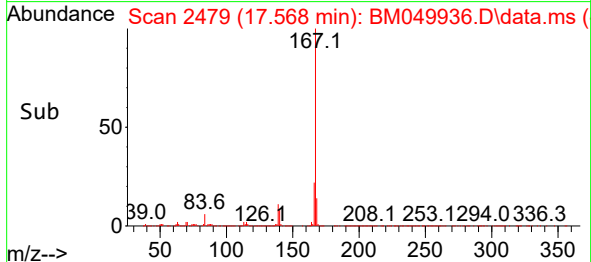
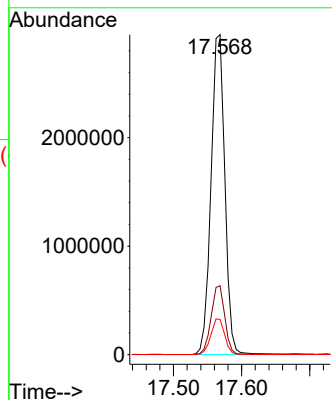
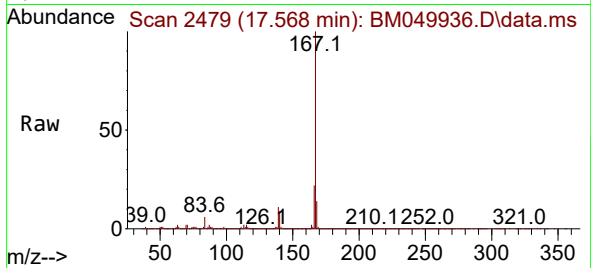




#73
 Carbazole
 Concen: 45.539 ng
 RT: 17.568 min Scan# 2478
 Delta R.T. 0.006 min
 Lab File: BM049936.D
 Acq: 15 Apr 2025 15:54

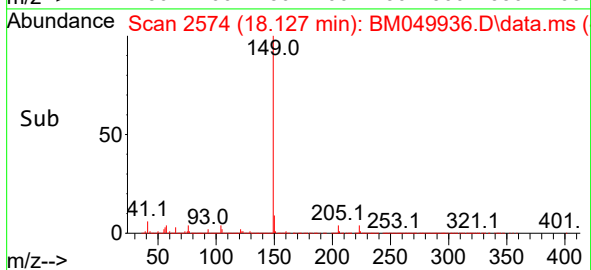
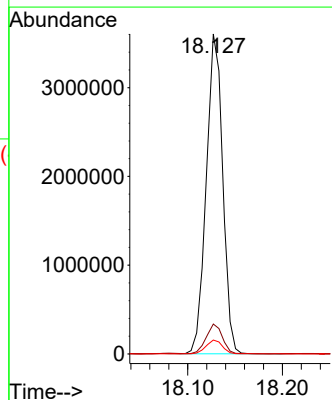
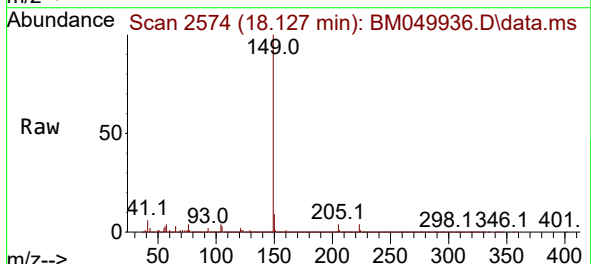
Instrument :
 BNA_M
 ClientSampleId :
 TP-1MSD

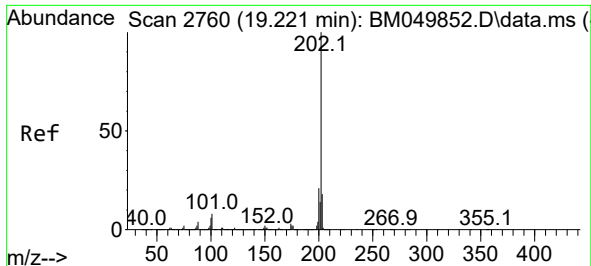
Tgt Ion:167 Resp: 4169098
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.9 25.3
 139 11.0 9.3 13.9



#74
 Di-n-butylphthalate
 Concen: 41.034 ng
 RT: 18.127 min Scan# 2574
 Delta R.T. -0.006 min
 Lab File: BM049936.D
 Acq: 15 Apr 2025 15:54

Tgt Ion:149 Resp: 4326871
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.3 3.5 5.3

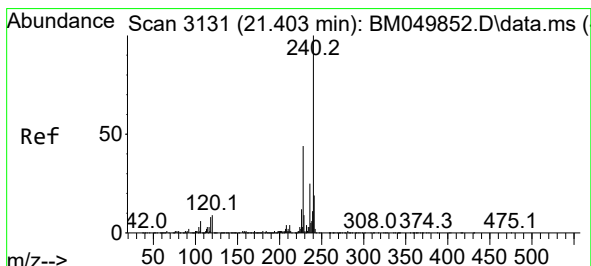
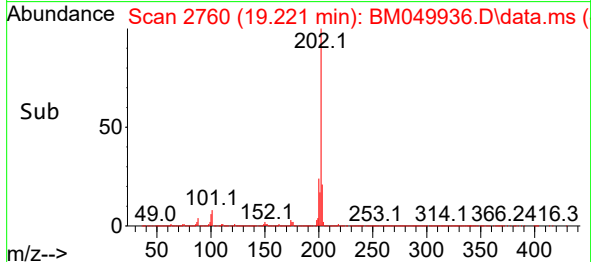
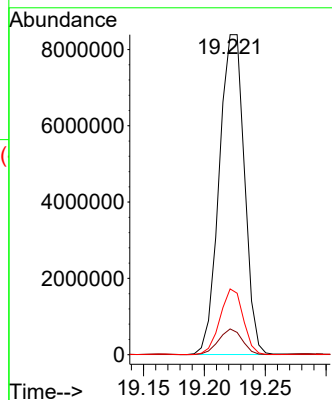
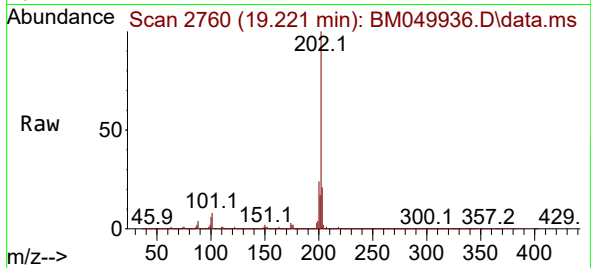




#75
Fluoranthene
Concen: 99.276 ng
RT: 19.221 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

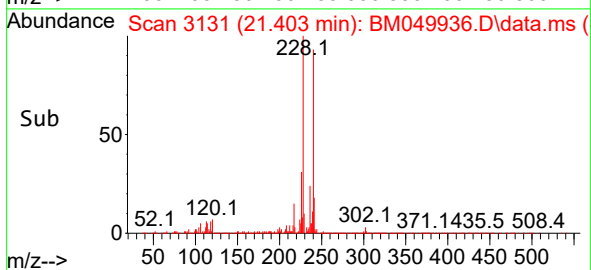
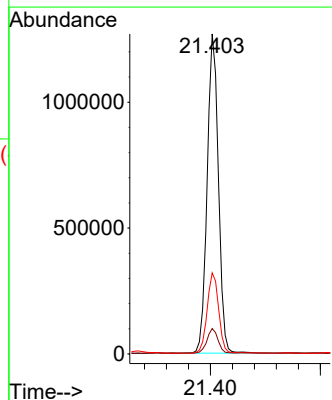
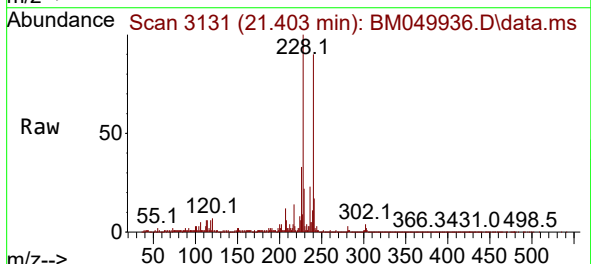
Instrument :
BNA_M
ClientSampleId :
TP-1MSD

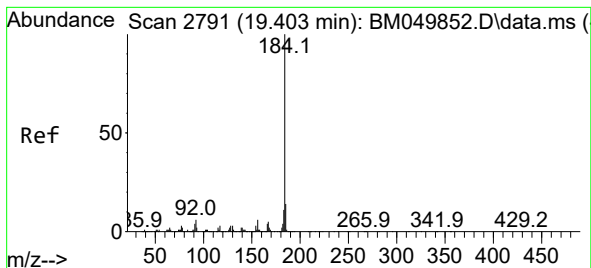
Tgt Ion:202 Resp:12039221
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.4
203 20.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BM049936.D
Acq: 15 Apr 2025 15:54

Tgt Ion:240 Resp: 1796233
Ion Ratio Lower Upper
240 100
120 7.9 6.9 10.3
236 25.4 20.4 30.6





#77

Benzidine

Concen: 60.847 ng

RT: 19.403 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

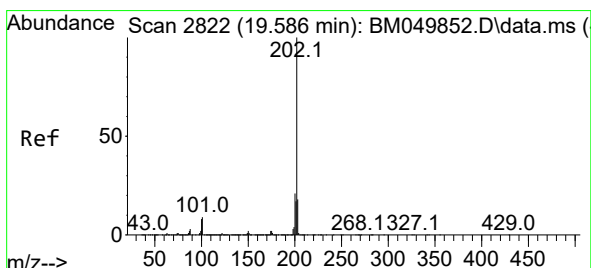
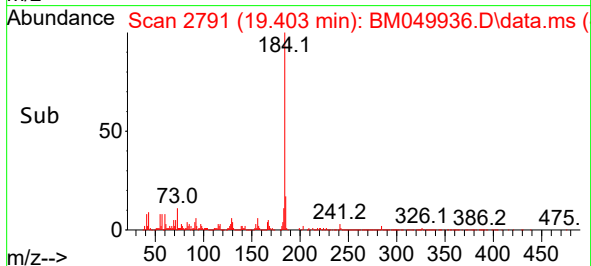
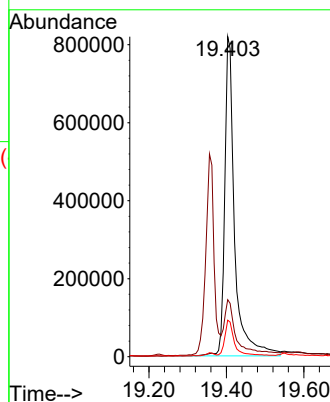
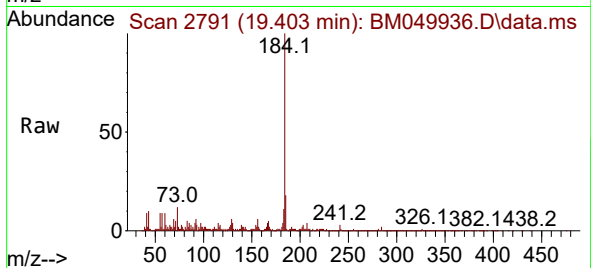
Tgt Ion:184 Resp: 1449947

Ion Ratio Lower Upper

184 100

185 17.8 11.4 17.2#

183 11.4 8.8 13.2



#78

Pyrene

Concen: 94.779 ng

RT: 19.586 min Scan# 2822

Delta R.T. -0.000 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

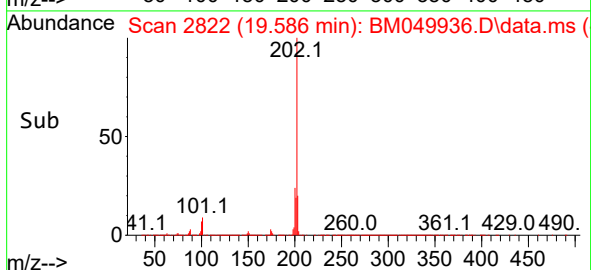
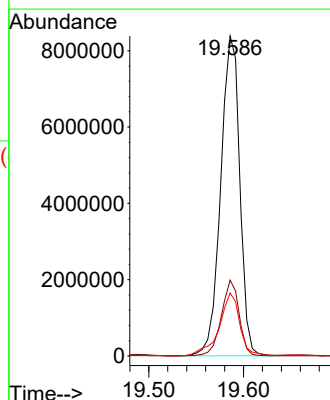
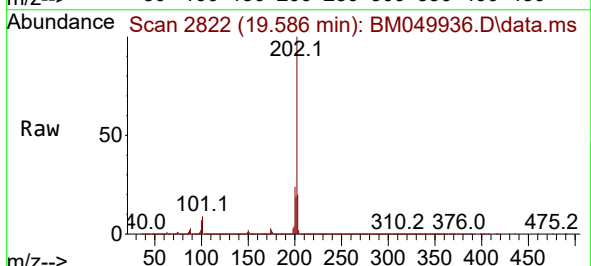
Tgt Ion:202 Resp:11732967

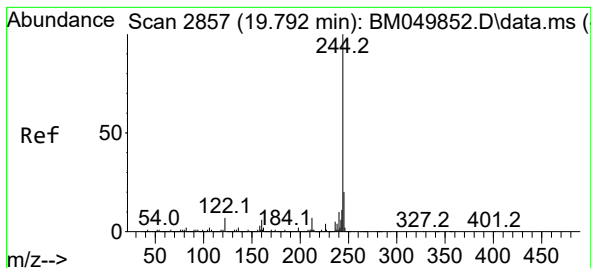
Ion Ratio Lower Upper

202 100

200 23.7 16.5 24.7

203 19.7 14.0 21.0





#79

Terphenyl-d14

Concen: 51.466 ng

RT: 19.786 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

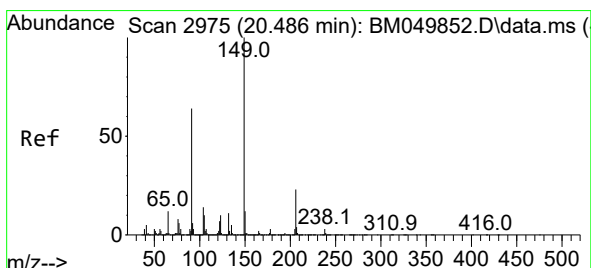
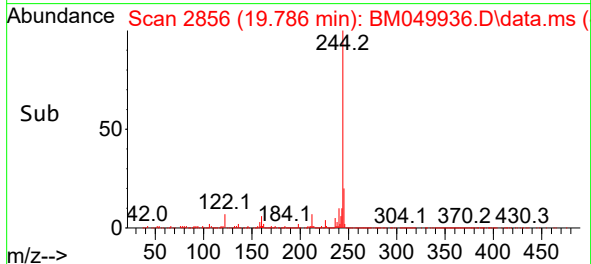
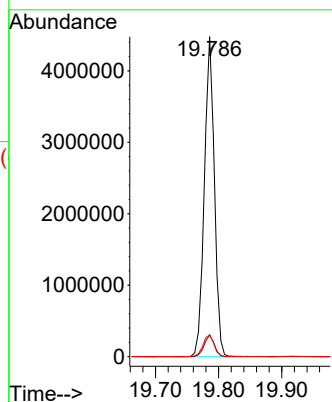
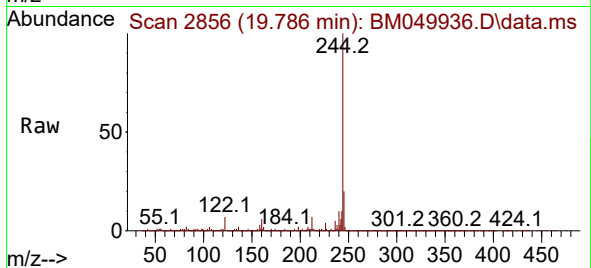
Tgt Ion:244 Resp: 4932858

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 6.8 5.4 8.0



#80

Butylbenzylphthalate

Concen: 39.566 ng

RT: 20.480 min Scan# 2974

Delta R.T. -0.006 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

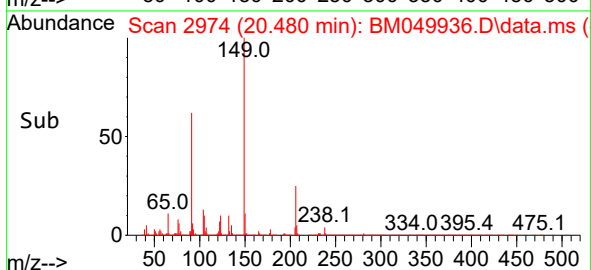
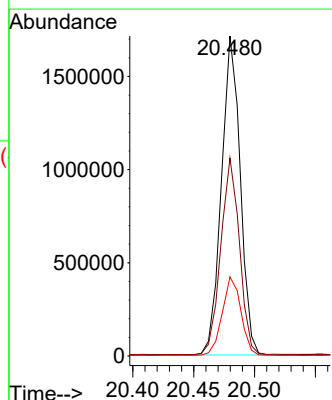
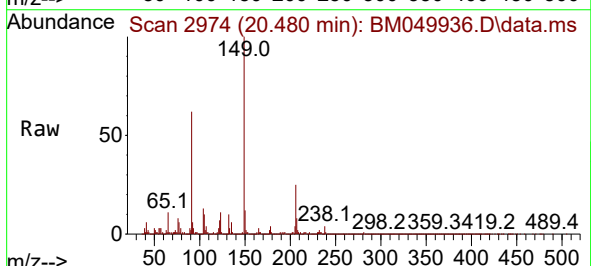
Tgt Ion:149 Resp: 1840428

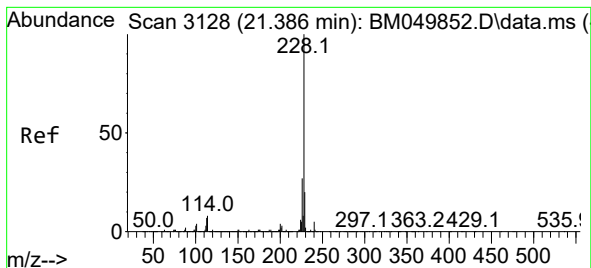
Ion Ratio Lower Upper

149 100

91 61.8 50.9 76.3

206 24.7 18.4 27.6





#81

Benzo(a)anthracene

Concen: 83.857 ng

RT: 21.386 min Scan# 3128

Delta R.T. -0.000 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

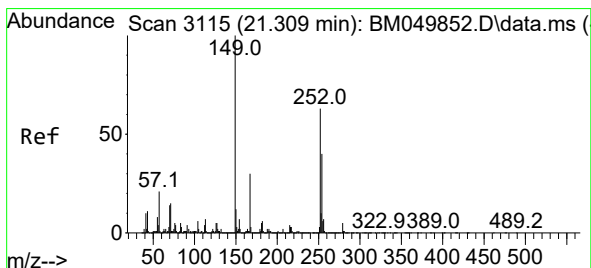
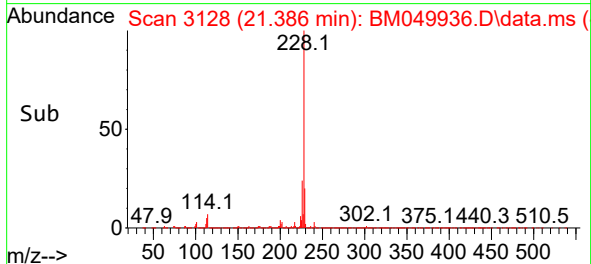
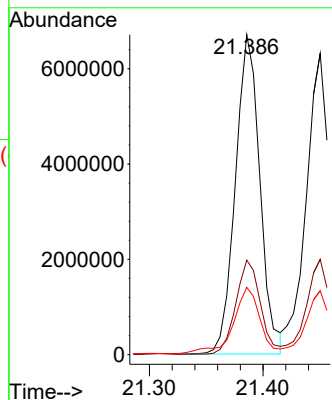
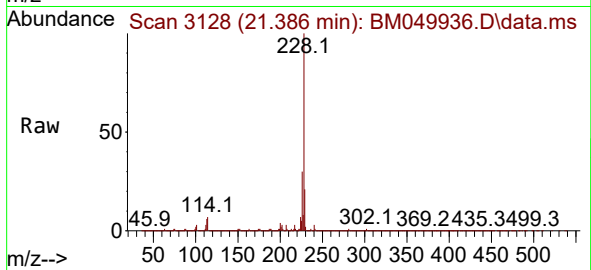
Tgt Ion:228 Resp:10010630

Ion Ratio Lower Upper

228 100

226 29.5 21.8 32.8

229 21.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 22.327 ng

RT: 21.309 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

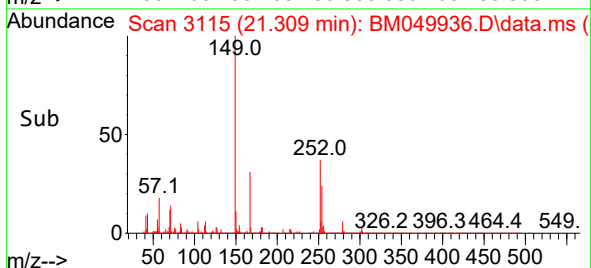
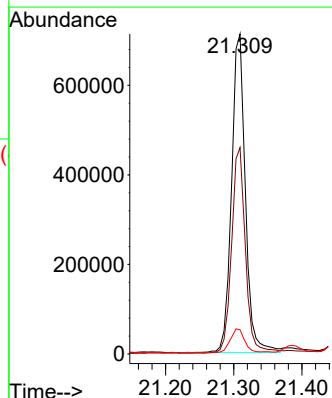
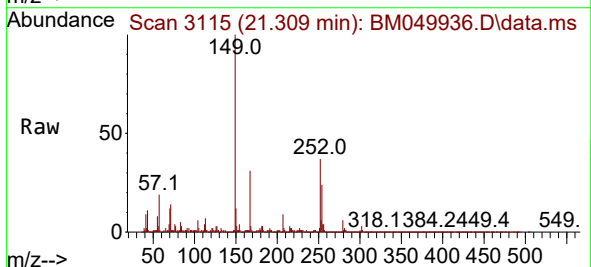
Tgt Ion:252 Resp: 1006554

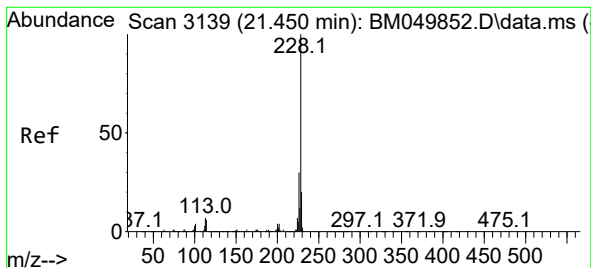
Ion Ratio Lower Upper

252 100

254 64.5 51.5 77.3

126 7.5 6.3 9.5





#83

Chrysene

Concen: 78.817 ng

RT: 21.450 min Scan# 3139

Delta R.T. -0.000 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

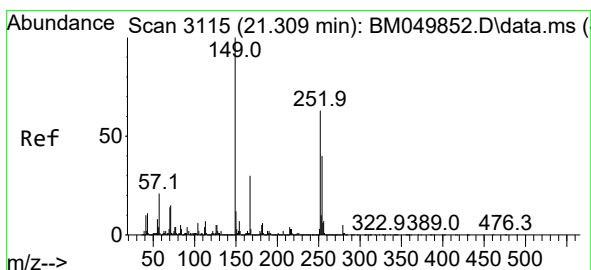
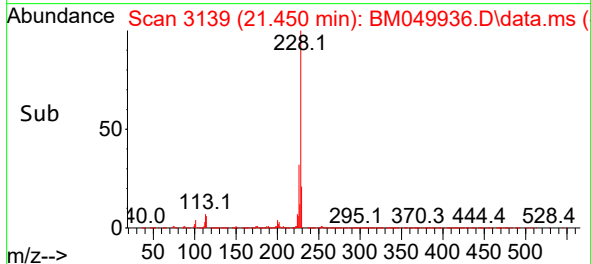
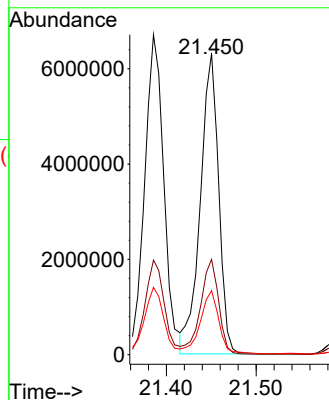
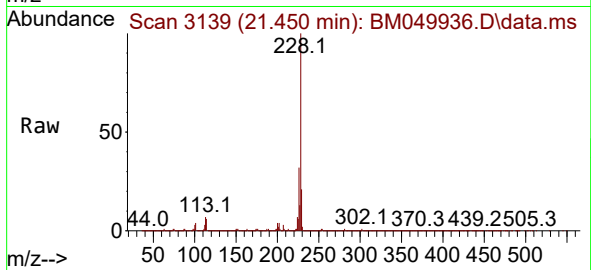
Tgt Ion:228 Resp: 8945161

Ion Ratio Lower Upper

228 100

226 31.6 24.1 36.1

229 21.2 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.265 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

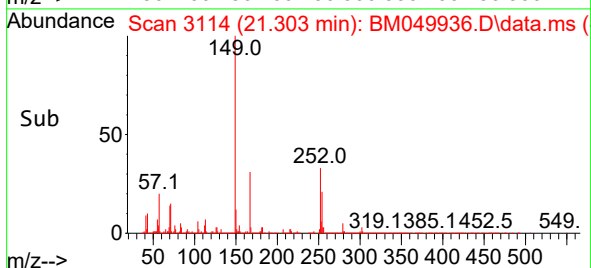
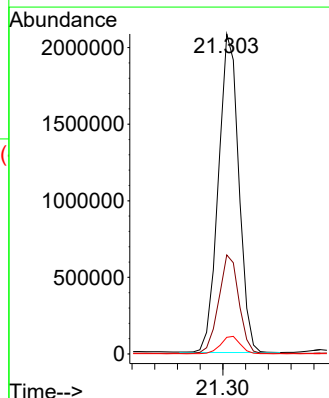
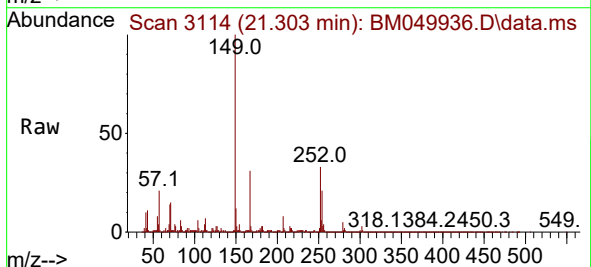
Tgt Ion:149 Resp: 2593299

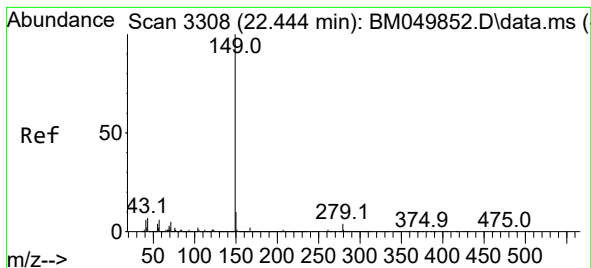
Ion Ratio Lower Upper

149 100

167 30.9 23.8 35.6

279 5.2 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 39.162 ng

RT: 22.439 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

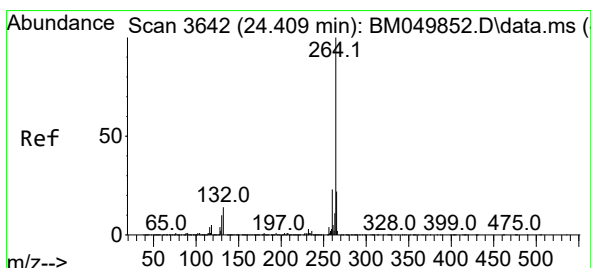
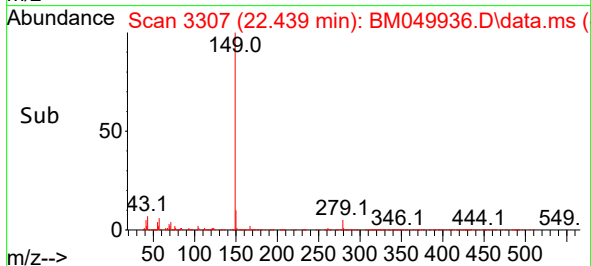
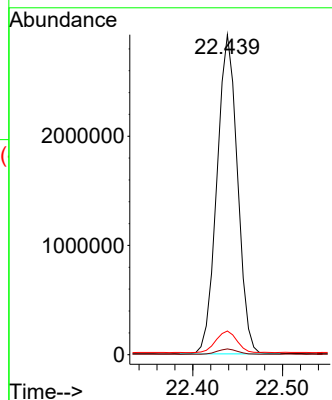
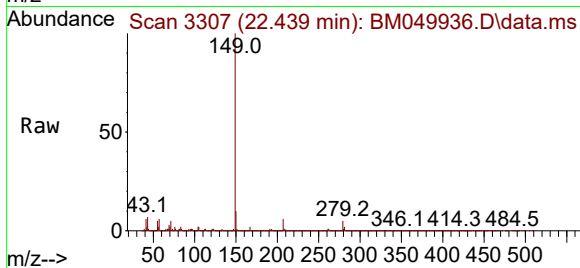
Tgt Ion:149 Resp: 4643124

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: BM049936.D

Acq: 15 Apr 2025 15:54

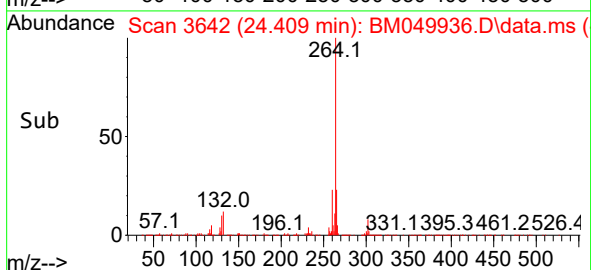
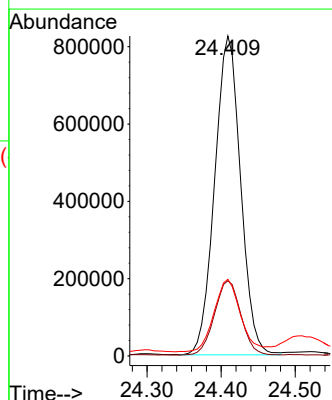
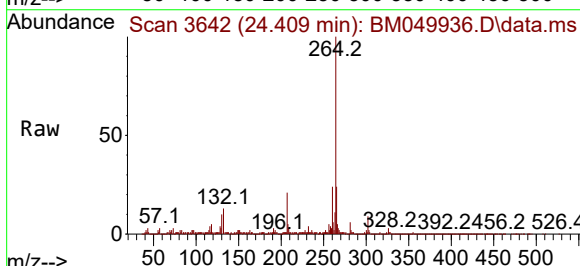
Tgt Ion:264 Resp: 2004809

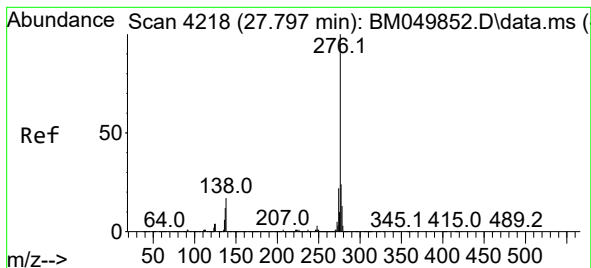
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 23.9 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 68.594 ng

RT: 27.826 min Scan# 41

Delta R.T. 0.029 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

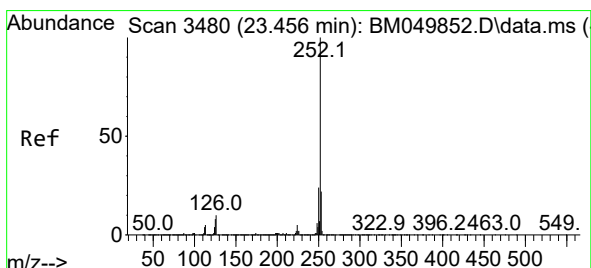
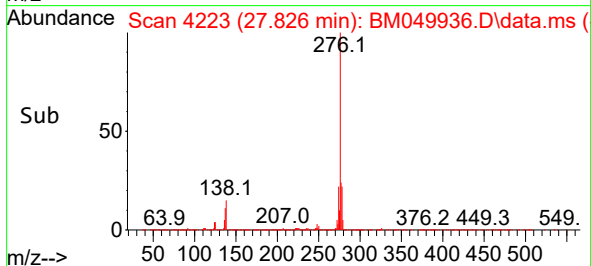
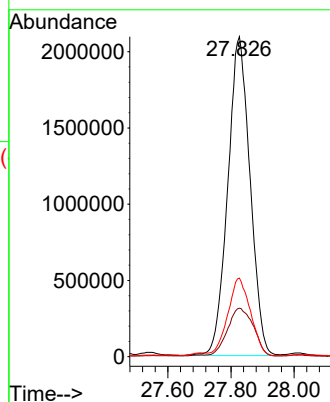
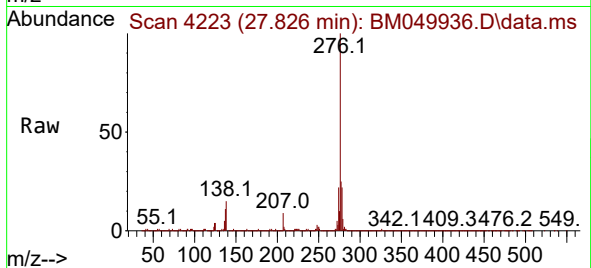
Tgt Ion:276 Resp:10250778

Ion Ratio Lower Upper

276 100

138 17.4 16.8 25.2

277 24.8 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 91.667 ng

RT: 23.468 min Scan# 3482

Delta R.T. 0.012 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

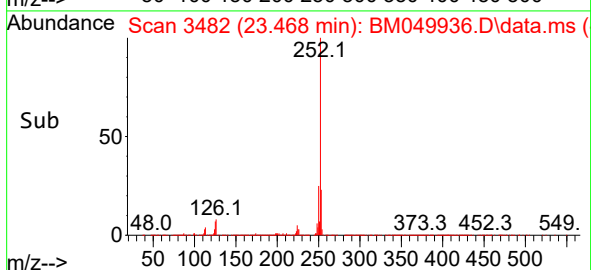
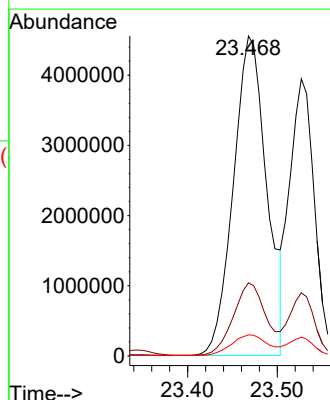
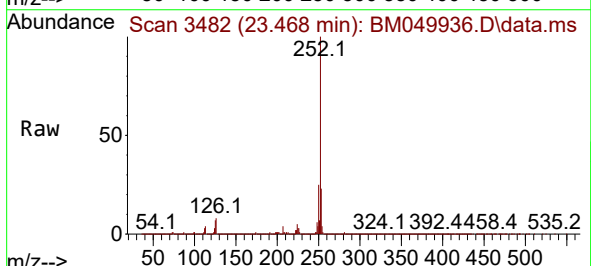
Tgt Ion:252 Resp:11737061

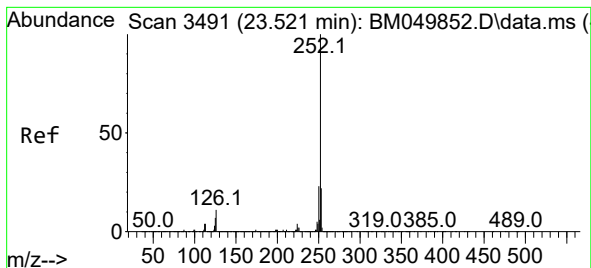
Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 6.6 6.2 9.4





#89

Benzo(k)fluoranthene

Concen: 60.470 ng

RT: 23.527 min Scan# 34

Delta R.T. 0.006 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

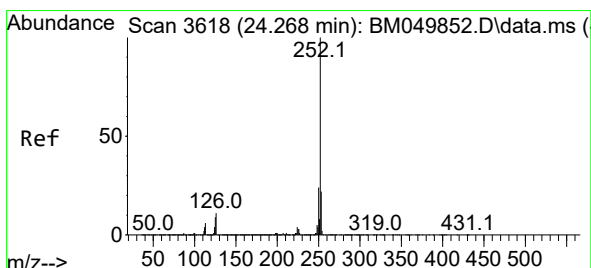
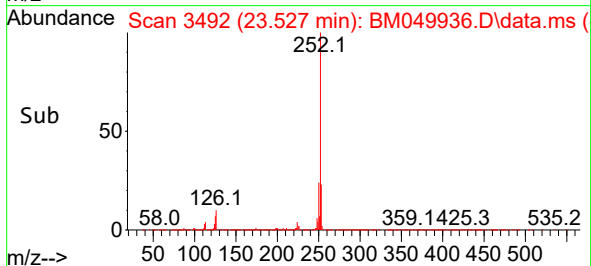
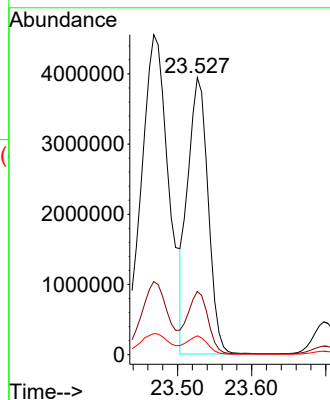
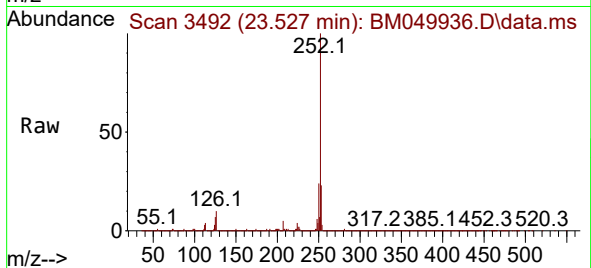
Tgt Ion:252 Resp: 7503086

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 6.8 5.8 8.8



#90

Benzo(a)pyrene

Concen: 91.832 ng

RT: 24.280 min Scan# 3620

Delta R.T. 0.012 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

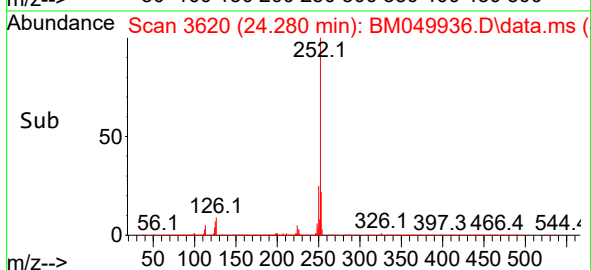
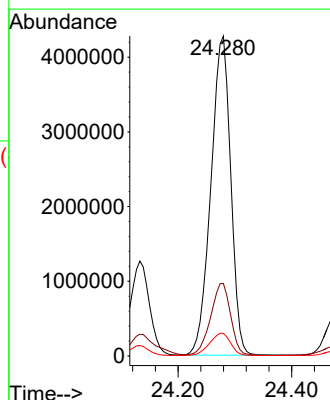
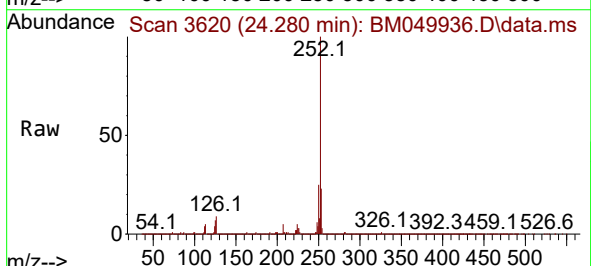
Tgt Ion:252 Resp:10332288

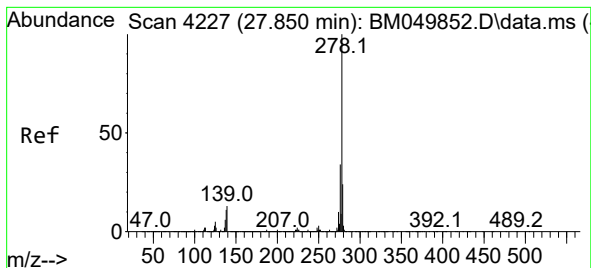
Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 7.0 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 51.548 ng

RT: 27.873 min Scan# 41

Delta R.T. 0.023 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

Instrument :

BNA_M

ClientSampleId :

TP-1MSD

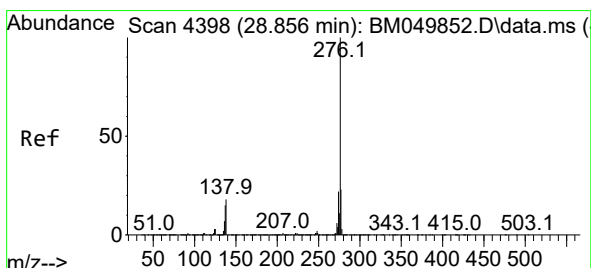
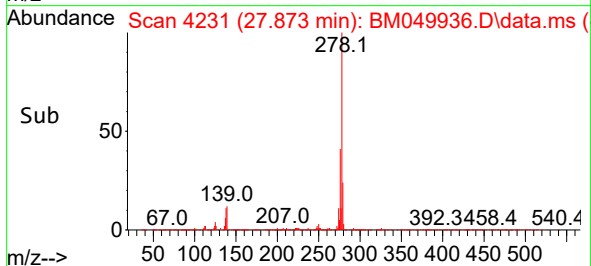
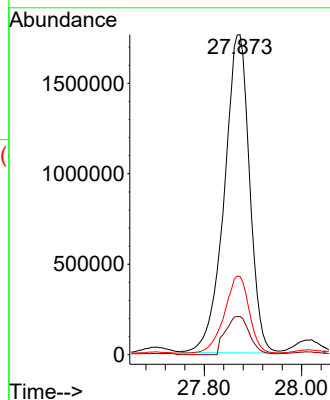
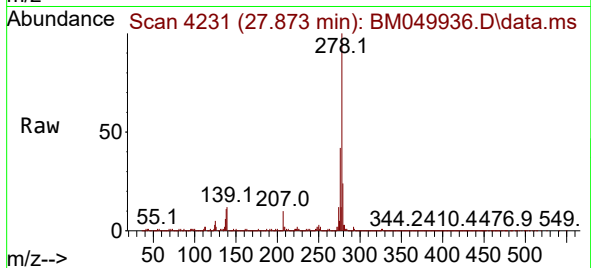
Tgt Ion:278 Resp: 6345148

Ion Ratio Lower Upper

278 100

139 11.9 10.6 15.8

279 24.5 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 68.315 ng

RT: 28.885 min Scan# 4403

Delta R.T. 0.029 min

Lab File: BM049936.D

Acq: 15 Apr 2025 15:54

Tgt Ion:276 Resp: 8593018

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 16.7 14.6 21.8

