

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
 Data File : BM049914.D
 Acq On : 14 Apr 2025 15:10
 Operator : RC/JU
 Sample : Q1756-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-9MS

Quant Time: Apr 14 15:55:12 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	380650	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1344620	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	887292	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1818288	20.000	ng	0.00
76) Chrysene-d12	21.397	240	2066303	20.000	ng	0.00
86) Perylene-d12	24.391	264	2236159	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2660898	118.702	ng	0.00
7) Phenol-d6	6.951	99	3090684	110.816	ng	0.00
23) Nitrobenzene-d5	8.928	82	2045348	84.705	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1849199	143.282	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5460914	83.457	ng	-0.01
79) Terphenyl-d14	19.786	244	8700612	78.911	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.263	88	352325	38.164	ng	# 85
3) Pyridine	3.675	79	959715	39.567	ng	100
4) n-Nitrosodimethylamine	3.563	42	413669	44.814	ng	95
6) Aniline	7.116	93	651236	27.250	ng	100
8) 2-Chlorophenol	7.345	128	1121335	48.812	ng	99
9) Benzaldehyde	6.910	77	367529	25.679	ng	99
10) Phenol	6.981	94	1206548	44.331	ng	99
11) bis(2-Chloroethyl)ether	7.193	93	1280283	59.985	ng	94
12) 1,3-Dichlorobenzene	7.663	146	1249912	46.020	ng	98
13) 1,4-Dichlorobenzene	7.804	146	1266043	46.327	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1216688	47.267	ng	100
15) Benzyl Alcohol	8.016	79	847936	48.281	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	1196617	50.301	ng	99
17) 2-Methylphenol	8.228	107	865822	51.622	ng	99
18) Hexachloroethane	8.851	117	433074	45.549	ng	96
19) n-Nitroso-di-n-propyla...	8.581	70	780355	50.518	ng	99
20) 3+4-Methylphenols	8.551	107	1159763	50.719	ng	99
22) Acetophenone	8.592	105	1553340	47.534	ng	100
24) Nitrobenzene	8.969	77	1103397	47.456	ng	98
25) Isophorone	9.498	82	2170442	53.656	ng	99
26) 2-Nitrophenol	9.681	139	603303	48.956	ng	99
27) 2,4-Dimethylphenol	9.751	122	1000500	71.638	ng	99
28) bis(2-Chloroethoxy)met...	9.975	93	1333015	49.223	ng	99
29) 2,4-Dichlorophenol	10.228	162	1155715	49.783	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	1259185	46.886	ng	100
31) Naphthalene	10.616	128	3162943	45.779	ng	99
32) Benzoic acid	9.898	122	620856	38.023	ng	98
33) 4-Chloroaniline	10.769	127	897489	36.787	ng	100
34) Hexachlorobutadiene	10.904	225	780005	46.953	ng	98
35) Caprolactam	11.528	113	288778	43.371	ng	99
36) 4-Chloro-3-methylphenol	11.869	107	1017647	50.043	ng	100
37) 2-Methylnaphthalene	12.233	142	2150676	44.180	ng	99
38) 1-Methylnaphthalene	12.451	142	2259107	47.635	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1495771	48.186	ng	99
41) Hexachlorocyclopentadiene	12.586	237	1700692	156.354	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	1006262	50.943	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
 Data File : BM049914.D
 Acq On : 14 Apr 2025 15:10
 Operator : RC/JU
 Sample : Q1756-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-9MS

Quant Time: Apr 14 15:55:12 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

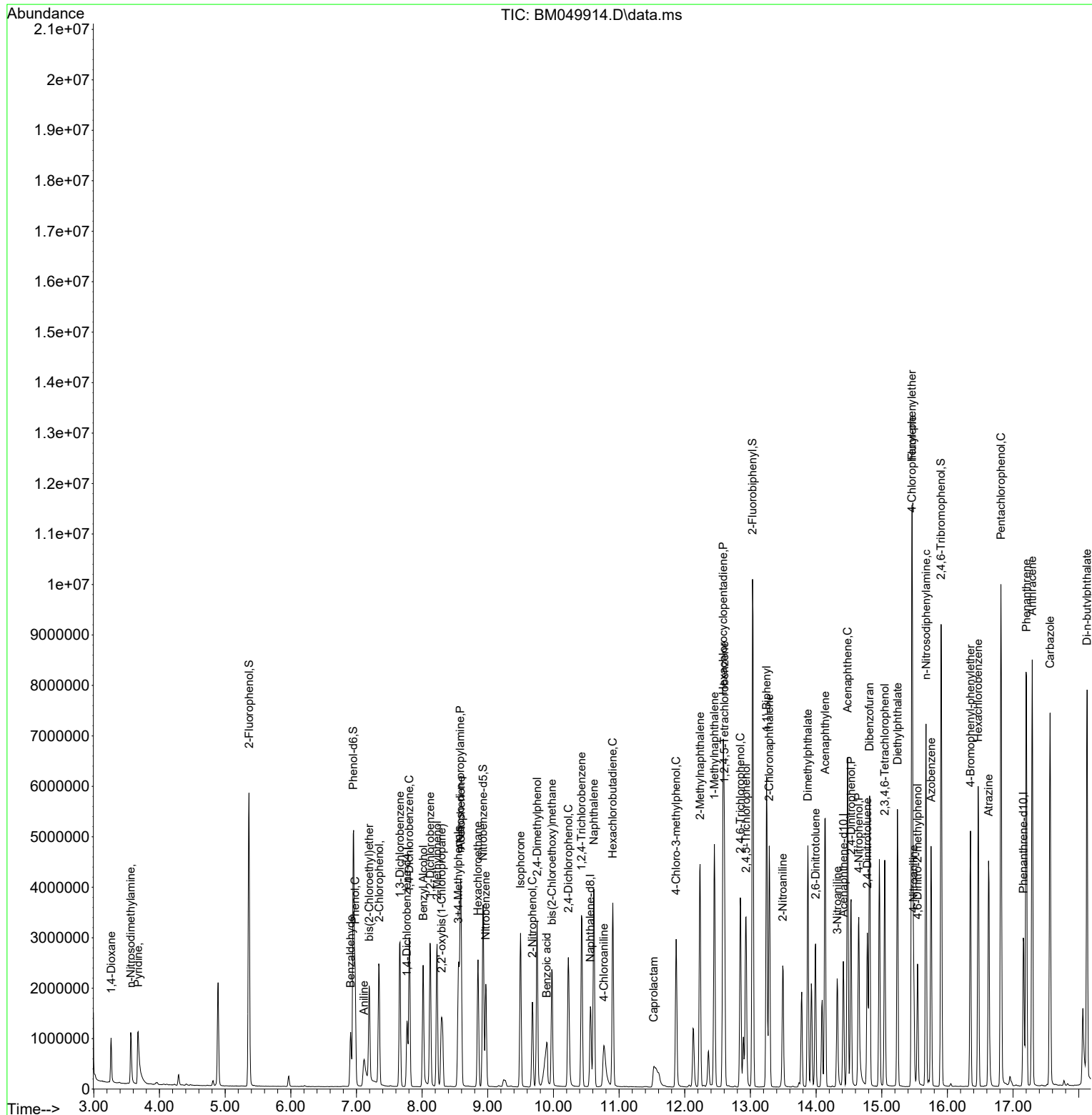
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	1094120	50.971	ng	99
46) 1,1'-Biphenyl	13.245	154	3163938	47.969	ng	100
47) 2-Chloronaphthalene	13.286	162	2476709	47.774	ng	99
48) 2-Nitroaniline	13.492	65	638411	53.230	ng	97
49) Acenaphthylene	14.139	152	3986330	52.788	ng	100
50) Dimethylphthalate	13.874	163	3176001	50.737	ng	99
51) 2,6-Dinitrotoluene	13.992	165	686685	52.359	ng	96
52) Acenaphthene	14.480	154	2326297	48.430	ng	99
53) 3-Nitroaniline	14.321	138	615097	48.526	ng	98
54) 2,4-Dinitrophenol	14.533	184	977673	100.867	ng	94
55) Dibenzofuran	14.816	168	3837987	47.796	ng	98
56) 4-Nitrophenol	14.651	139	1140034	100.927	ng	99
57) 2,4-Dinitrotoluene	14.780	165	989945	56.580	ng	98
58) Fluorene	15.463	166	3224055	50.511	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	945490	50.255	ng	98
60) Diethylphthalate	15.239	149	3001730	50.004	ng	98
61) 4-Chlorophenyl-phenyle...	15.457	204	1772473	51.795	ng	100
62) 4-Nitroaniline	15.486	138	687632	52.457	ng	97
63) Azobenzene	15.751	77	2498680	48.618	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	616086	53.769	ng	99
66) n-Nitrosodiphenylamine	15.674	169	2763994	50.795	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	1091557	51.713	ng	97
68) Hexachlorobenzene	16.468	284	1247434	51.522	ng	99
69) Atrazine	16.627	200	1004962	71.230	ng	98
70) Pentachlorophenol	16.815	266	1880517	105.499	ng	99
71) Phenanthrene	17.204	178	5161688	51.780	ng	100
72) Anthracene	17.292	178	5216306	53.098	ng	100
73) Carbazole	17.562	167	4880684	52.748	ng	99
74) Di-n-butylphthalate	18.127	149	5552401	52.099	ng	100
75) Fluoranthene	19.215	202	6643573	54.203	ng	99
77) Benzidine	19.403	184	1956838	71.385	ng	99
78) Pyrene	19.580	202	6863548	48.197	ng	99
80) Butylbenzylphthalate	20.480	149	2687362	50.222	ng	95
81) Benzo(a)anthracene	21.380	228	7284244	53.044	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	1739513	33.543	ng	99
83) Chrysene	21.445	228	6728156	51.534	ng	98
84) Bis(2-ethylhexyl)phtha...	21.303	149	3884406	49.825	ng	98
85) Di-n-octyl phthalate	22.433	149	6871053	50.379	ng	99
87) Indeno(1,2,3-cd)pyrene	27.785	276	8806936	52.835	ng	99
88) Benzo(b)fluoranthene	23.450	252	7269525	50.902	ng	99
89) Benzo(k)fluoranthene	23.515	252	7399050	53.462	ng	99
90) Benzo(a)pyrene	24.256	252	7056939	56.232	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	7252037	52.820	ng	99
92) Benzo(g,h,i)perylene	28.844	276	6849769	48.822	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049914.D
Acq On : 14 Apr 2025 15:10
Operator : RC/JU
Sample : Q1756-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

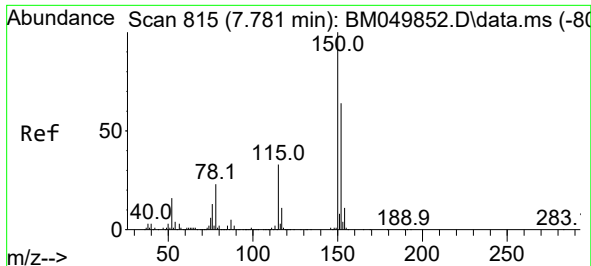
Instrument :
BNA_M
ClientSampleId :
TP-9MS

Quant Time: Apr 14 15:55:12 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



Quant Time: Apr 14 15:55:12 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

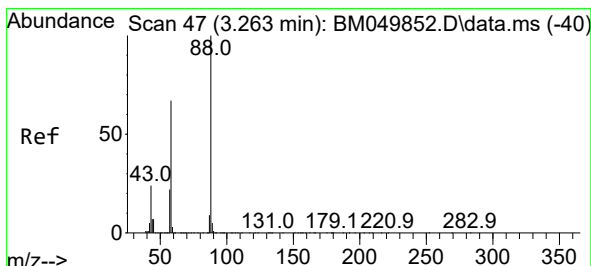
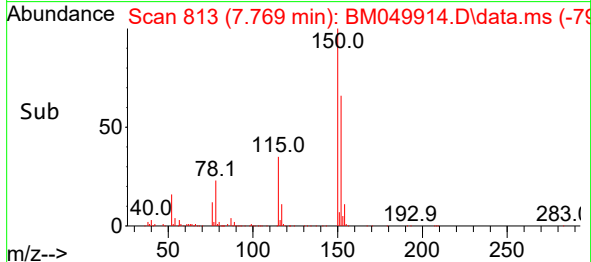
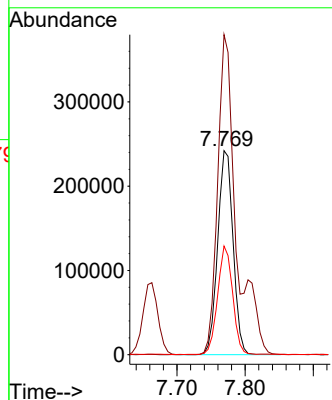
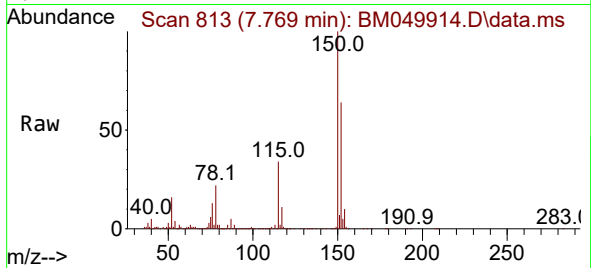




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

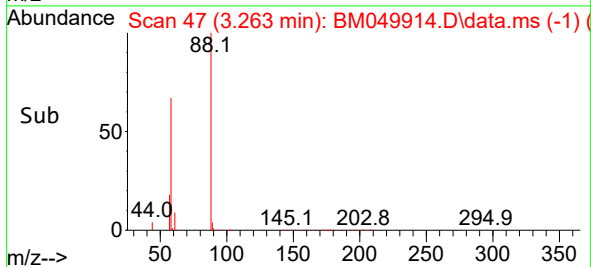
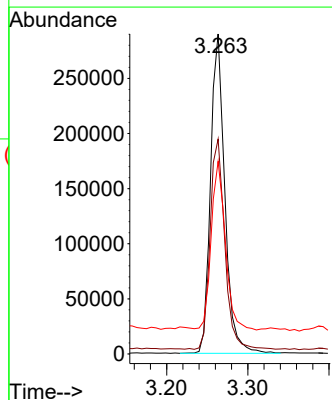
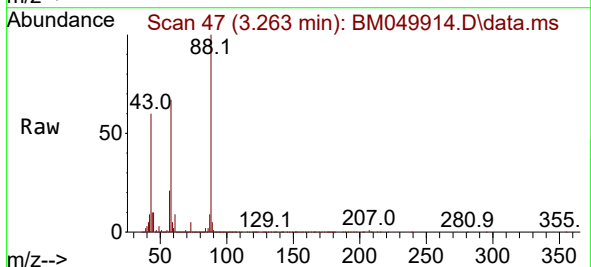
Instrument :
BNA_M
ClientSampleId :
TP-9MS

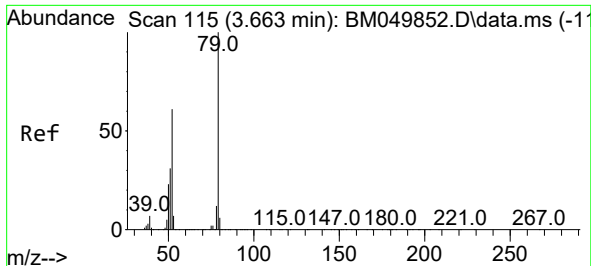
Tgt Ion:152 Resp: 380650
Ion Ratio Lower Upper
152 100
150 156.9 124.3 186.5
115 53.3 41.1 61.7



#2
1,4-Dioxane
Concen: 38.164 ng
RT: 3.263 min Scan# 47
Delta R.T. 0.000 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 88 Resp: 352325
Ion Ratio Lower Upper
88 100
58 67.5 54.1 81.1
43 52.4 20.2 30.4

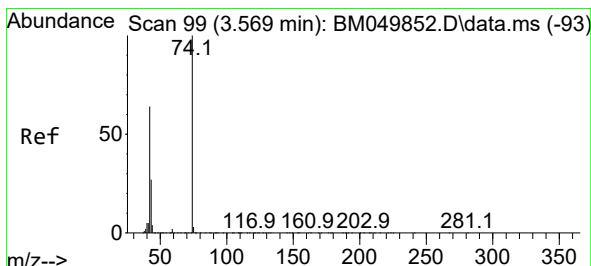
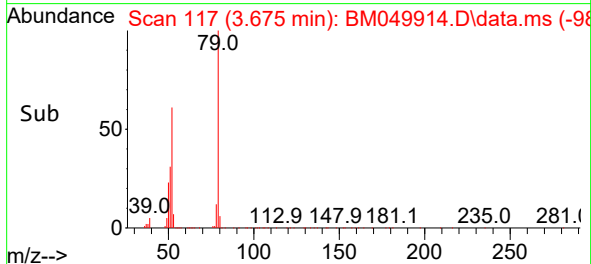
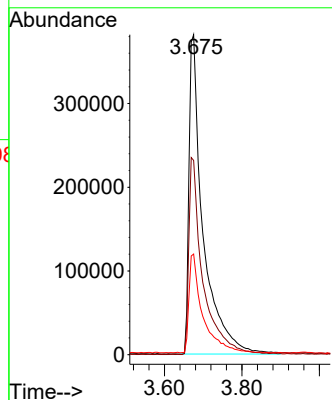
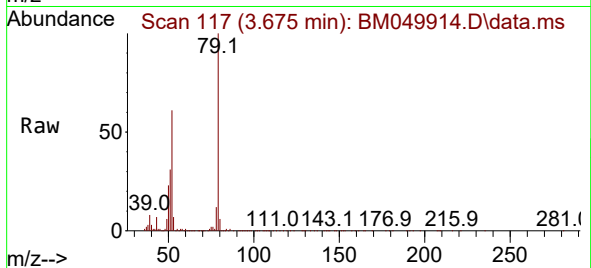




#3
Pyridine
Concen: 39.567 ng
RT: 3.675 min Scan# 115
Delta R.T. 0.012 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

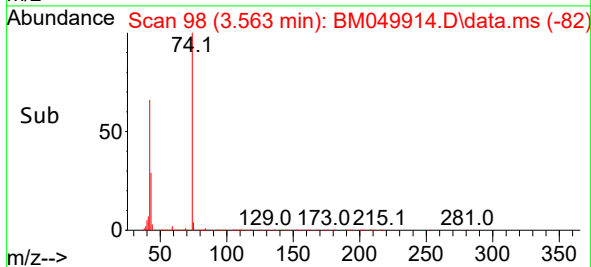
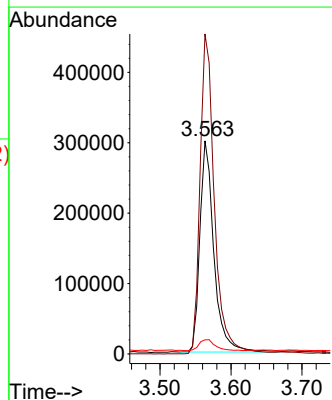
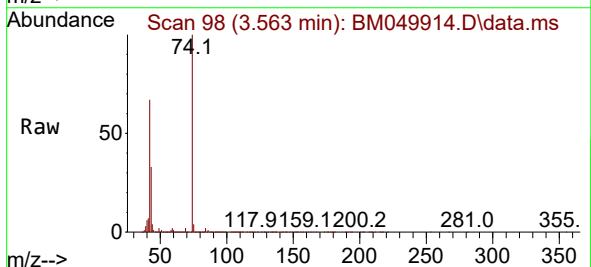
Instrument :
BNA_M
ClientSampleId :
TP-9MS

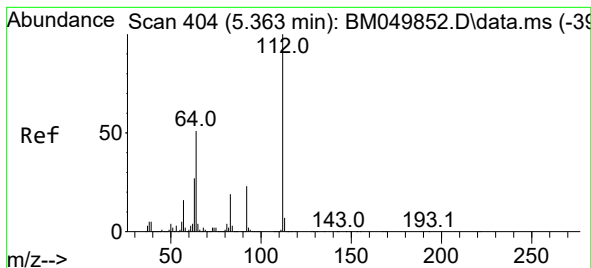
Tgt Ion: 79 Resp: 959715
Ion Ratio Lower Upper
79 100
52 60.7 48.9 73.3
51 31.5 25.0 37.6



#4
n-Nitrosodimethylamine
Concen: 44.814 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 42 Resp: 413669
Ion Ratio Lower Upper
42 100
74 150.2 125.4 188.2
44 6.6 5.9 8.9

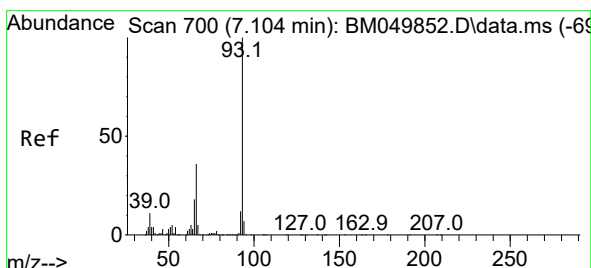
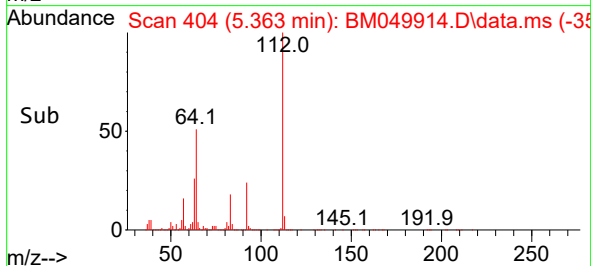
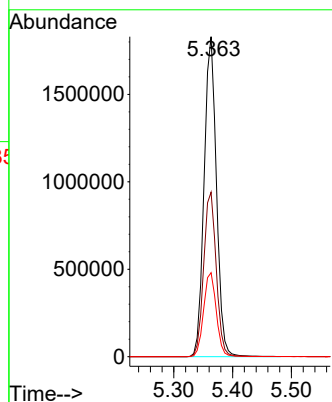
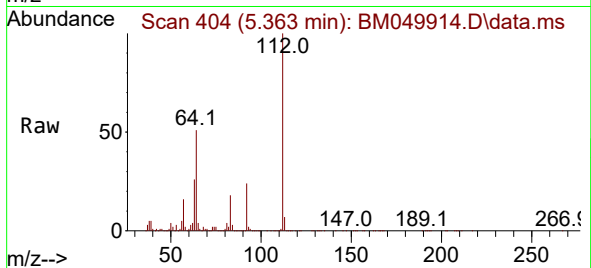




#5
2-Fluorophenol
Concen: 118.702 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

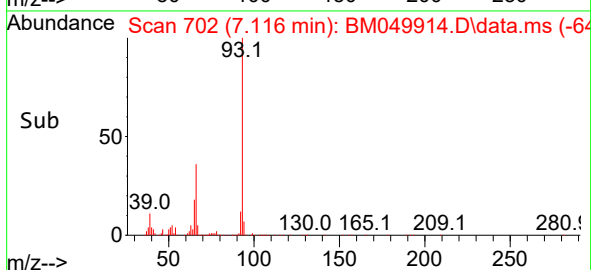
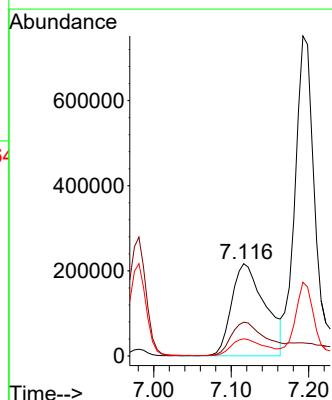
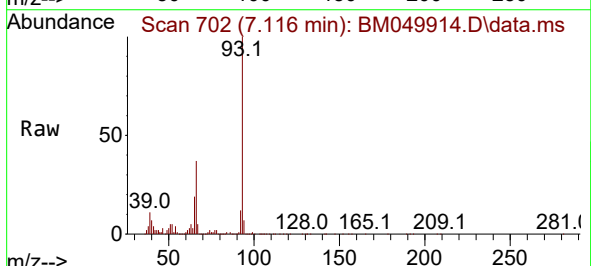
Instrument :
BNA_M
ClientSampleId :
TP-9MS

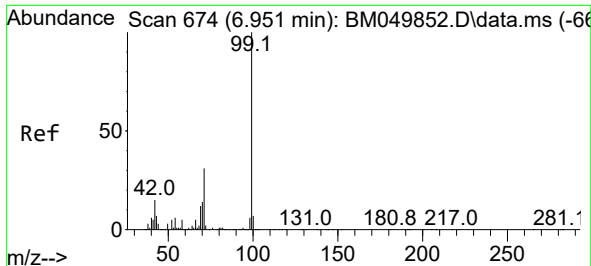
Tgt Ion:112 Resp: 2660898
Ion Ratio Lower Upper
112 100
64 51.4 41.0 61.6
63 26.3 21.5 32.3



#6
Aniline
Concen: 27.250 ng
RT: 7.116 min Scan# 702
Delta R.T. 0.012 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 93 Resp: 651236
Ion Ratio Lower Upper
93 100
66 36.5 29.1 43.7
65 18.6 14.9 22.3

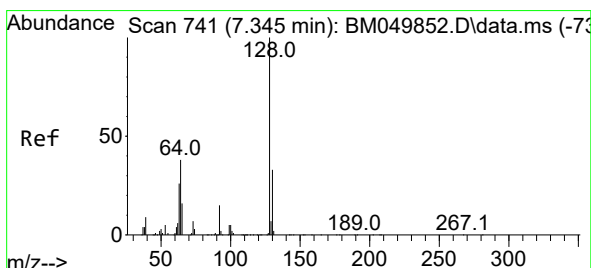
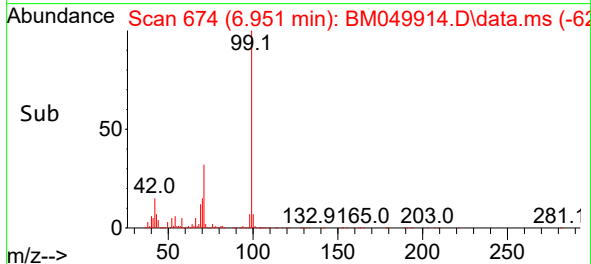
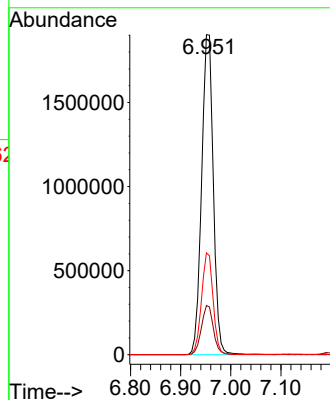
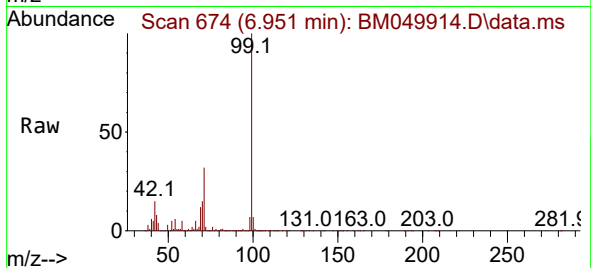




#7
Phenol-d6
Concen: 110.816 ng
RT: 6.951 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

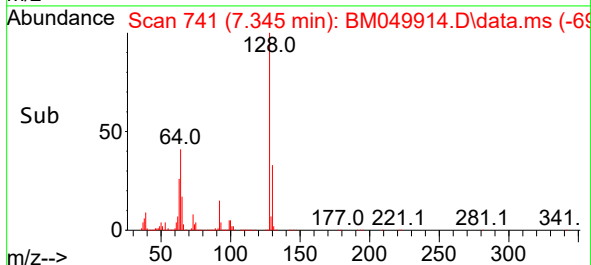
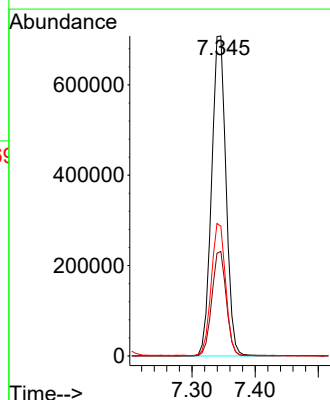
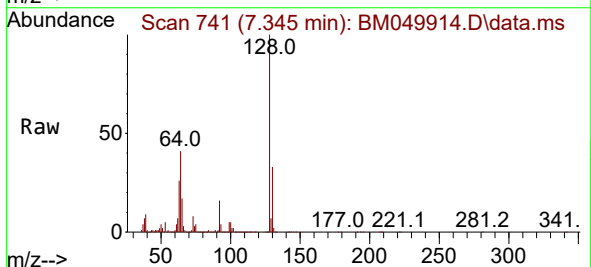
Instrument :
BNA_M
ClientSampleId :
TP-9MS

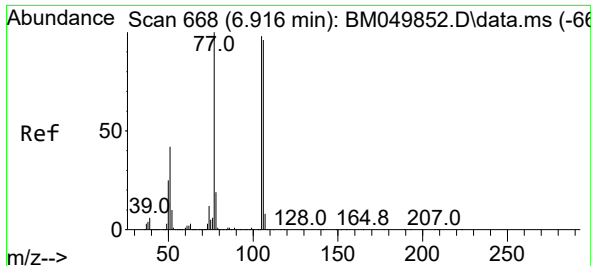
Tgt Ion: 99 Resp: 3090684
Ion Ratio Lower Upper
99 100
42 15.3 12.1 18.1
71 31.8 24.9 37.3



#8
2-Chlorophenol
Concen: 48.812 ng
RT: 7.345 min Scan# 741
Delta R.T. 0.000 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:128 Resp: 1121335
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 40.6 21.1 61.1

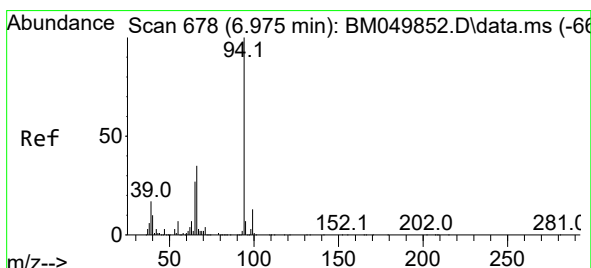
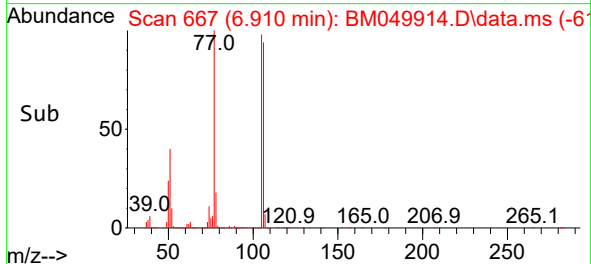
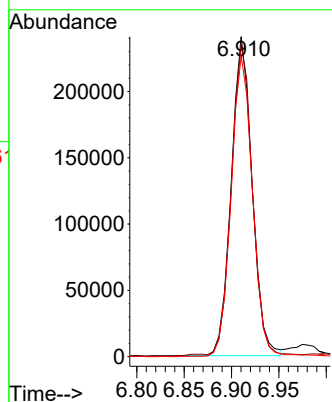
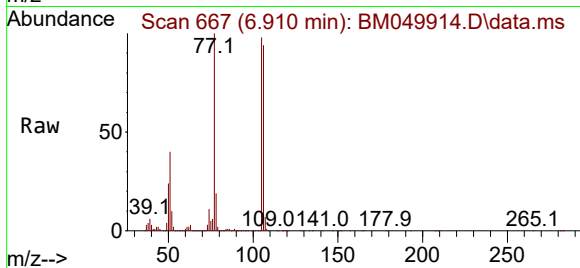




#9
Benzaldehyde
Concen: 25.679 ng
RT: 6.910 min Scan# 668
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

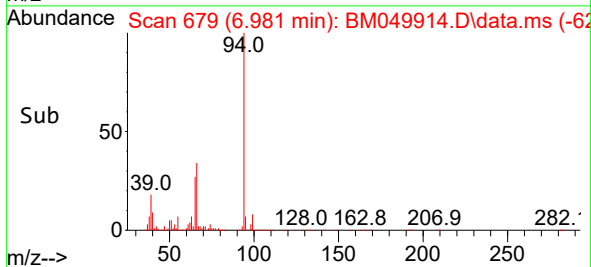
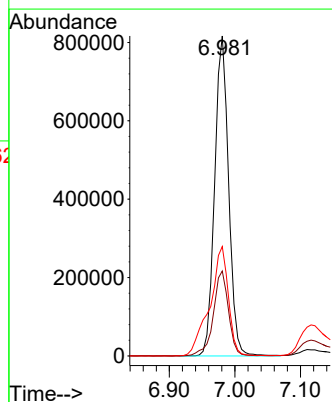
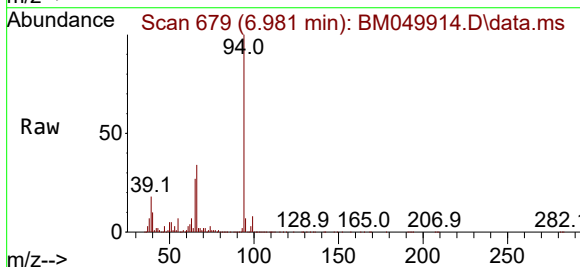
Instrument :
BNA_M
ClientSampleId :
TP-9MS

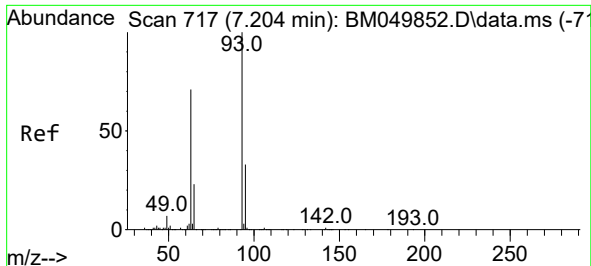
Tgt Ion: 77 Resp: 367529
Ion Ratio Lower Upper
77 100
105 97.5 78.3 118.3
106 93.9 76.0 116.0



#10
Phenol
Concen: 44.331 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 94 Resp: 1206548
Ion Ratio Lower Upper
94 100
65 26.6 7.3 47.3
66 34.2 14.8 54.8

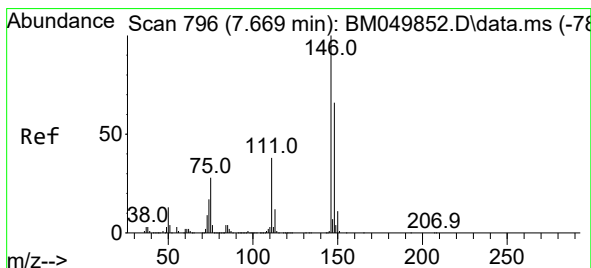
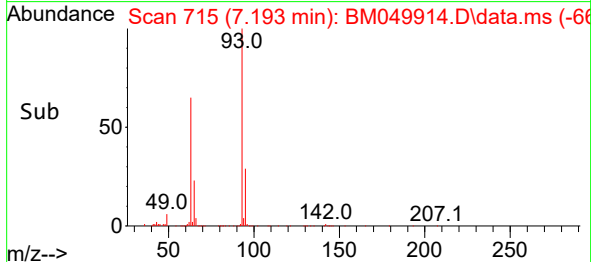
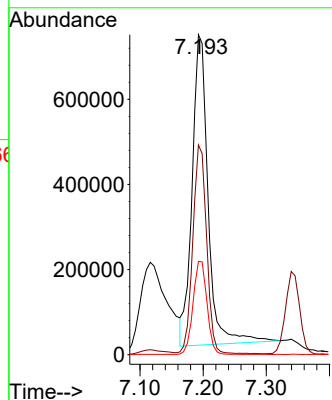
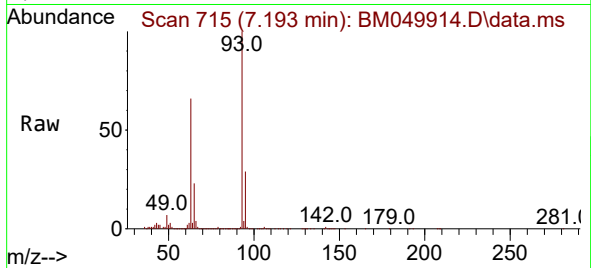




#11
bis(2-Chloroethyl)ether
Concen: 59.985 ng
RT: 7.193 min Scan# 715
Delta R.T. -0.012 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

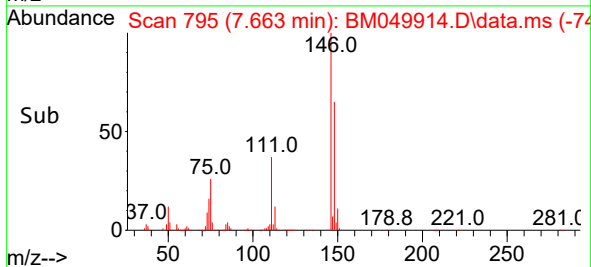
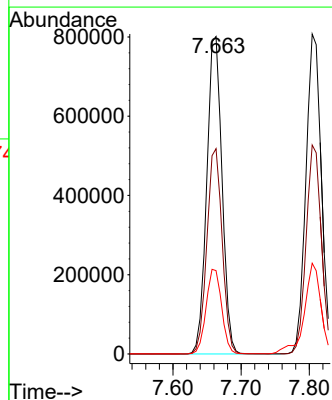
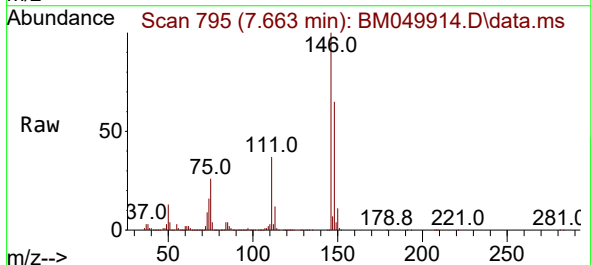
Instrument :
BNA_M
ClientSampleId :
TP-9MS

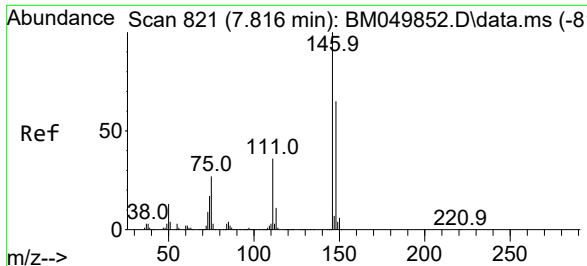
Tgt Ion: 93 Resp: 1280283
Ion Ratio Lower Upper
93 100
63 65.5 50.9 90.9
95 29.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 46.020 ng
RT: 7.663 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:146 Resp: 1249912
Ion Ratio Lower Upper
146 100
148 64.7 52.5 78.7
75 26.3 22.5 33.7

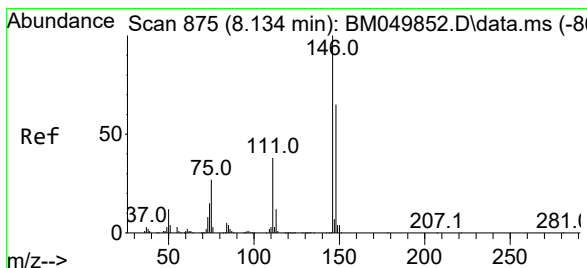
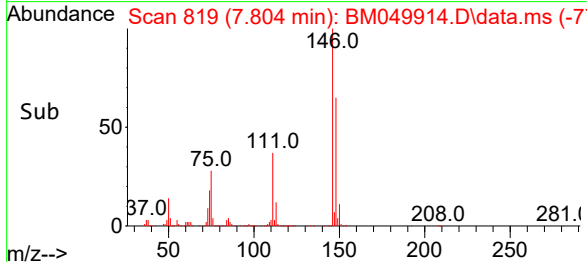
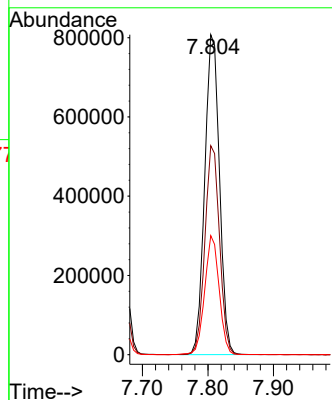
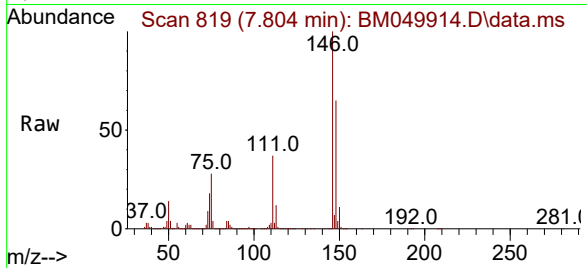




#13
1,4-Dichlorobenzene
Concen: 46.327 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.012 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

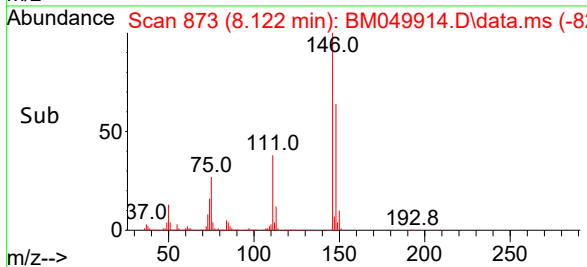
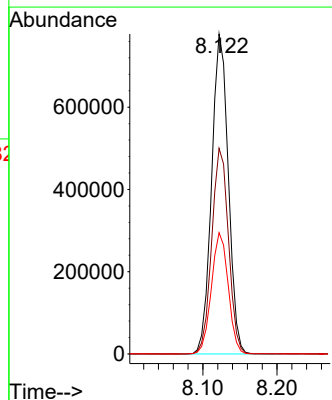
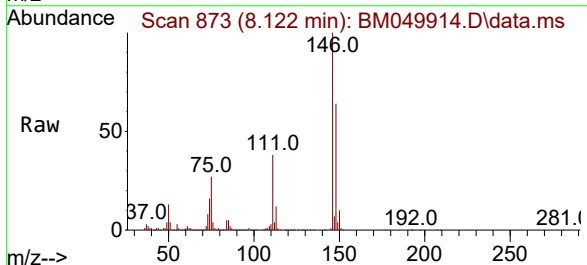
Instrument :
BNA_M
ClientSampleId :
TP-9MS

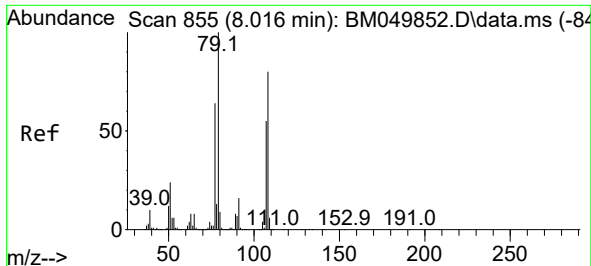
Tgt Ion:146 Resp: 1266043
Ion Ratio Lower Upper
146 100
148 65.3 52.4 78.6
111 37.2 28.5 42.7



#14
1,2-Dichlorobenzene
Concen: 47.267 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.012 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:146 Resp: 1216688
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
111 37.9 30.2 45.4

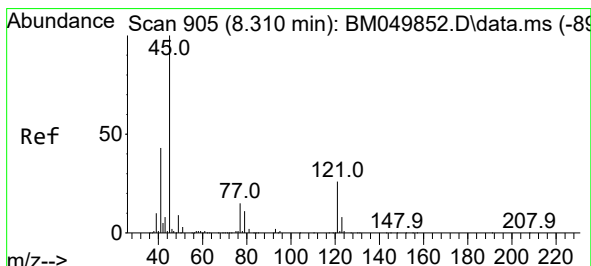
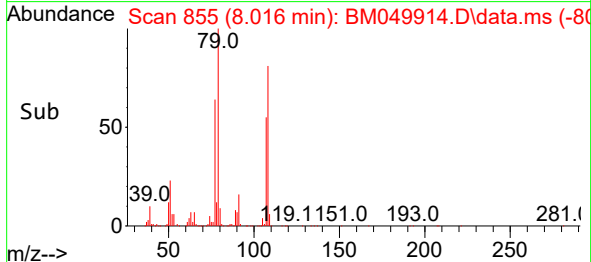
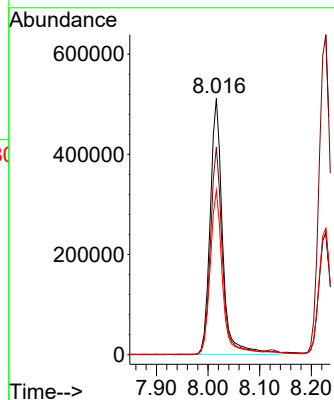
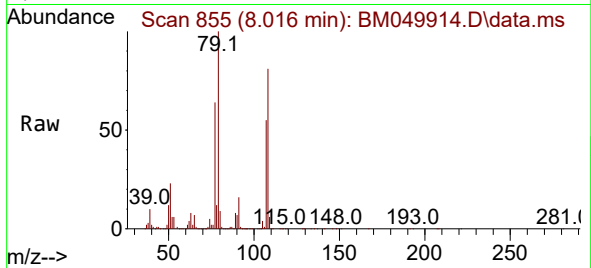




#15
Benzyl Alcohol
Concen: 48.281 ng
RT: 8.016 min Scan# 855
Delta R.T. 0.000 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

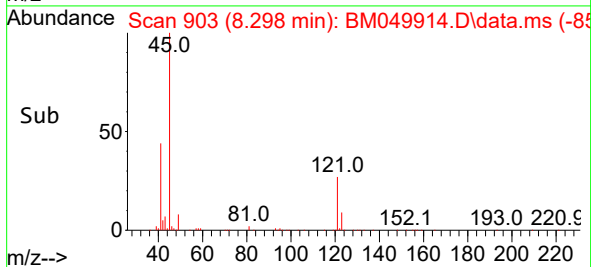
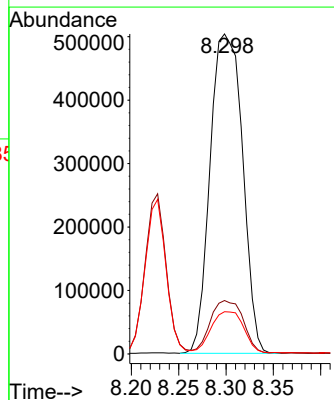
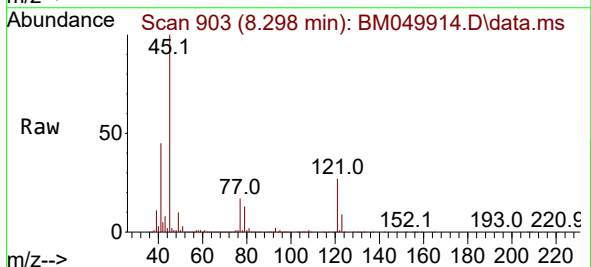
Instrument :
BNA_M
ClientSampleId :
TP-9MS

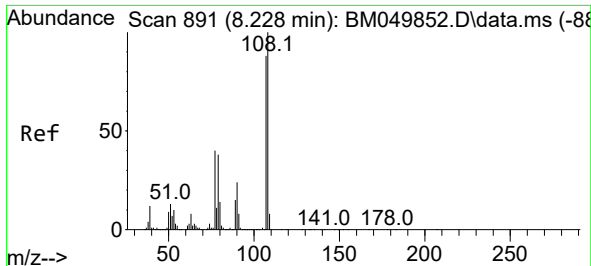
Tgt Ion: 79 Resp: 847936
Ion Ratio Lower Upper
79 100
108 81.0 63.6 95.4
77 64.1 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.301 ng
RT: 8.298 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 45 Resp: 1196617
Ion Ratio Lower Upper
45 100
77 16.7 0.0 36.9
79 13.2 0.0 32.9



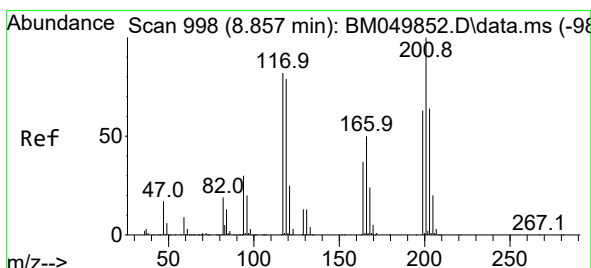
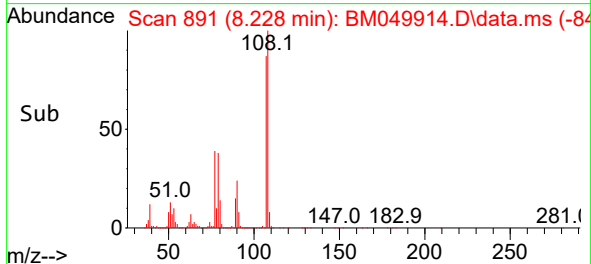
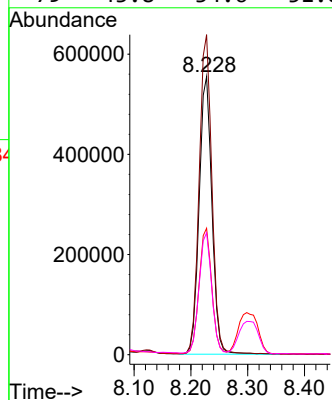
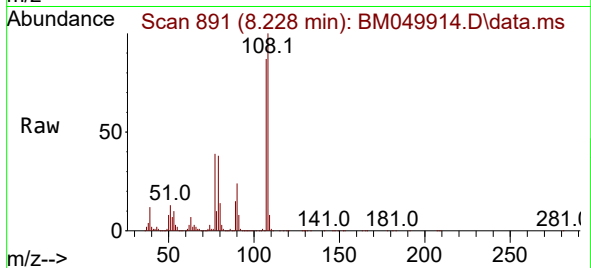


#17
2-Methylphenol
Concen: 51.622 ng
RT: 8.228 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_M
ClientSampleId :
TP-9MS

Tgt Ion:107 Resp: 865822

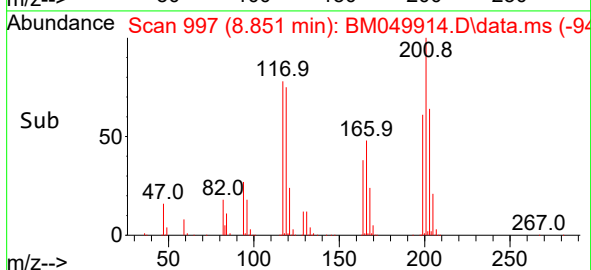
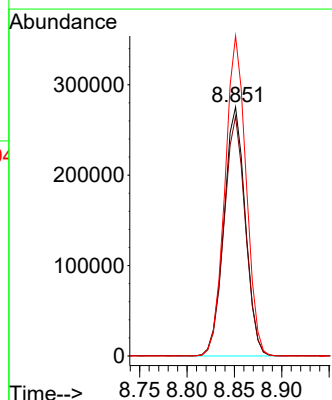
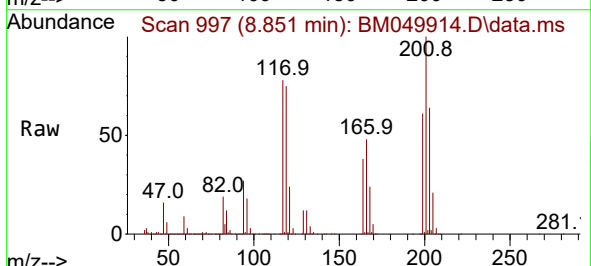
Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.0	136.6
77	45.4	36.5	54.7
79	43.8	34.6	51.8

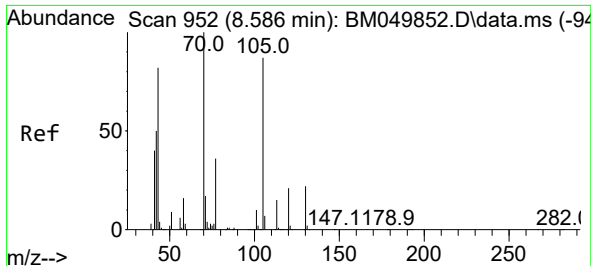


#18
Hexachloroethane
Concen: 45.549 ng
RT: 8.851 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:117 Resp: 433074

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.5	116.3
201	128.5	97.7	146.5

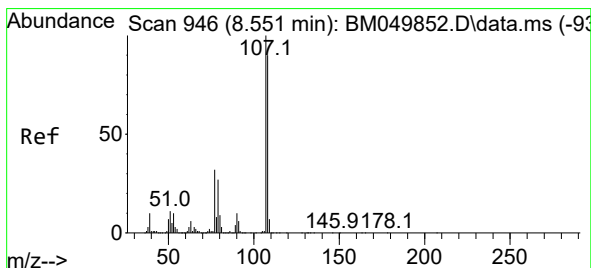
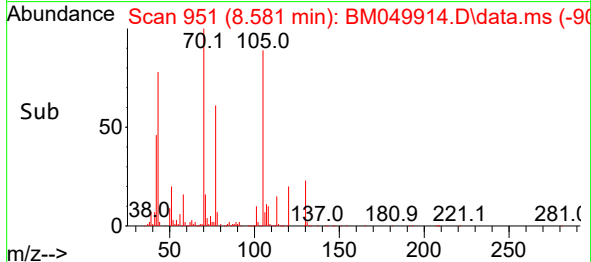
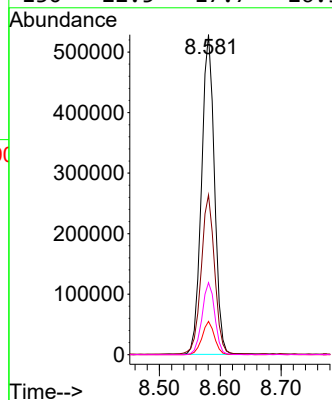
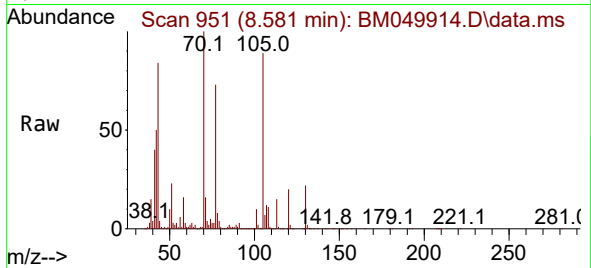




#19
n-Nitroso-di-n-propylamine
Concen: 50.518 ng
RT: 8.581 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

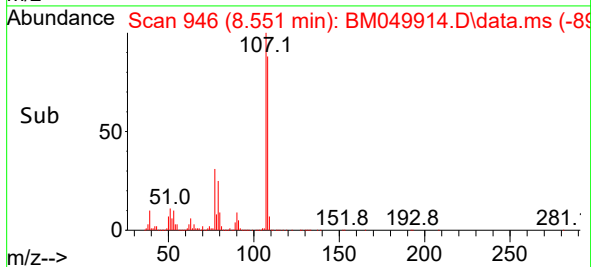
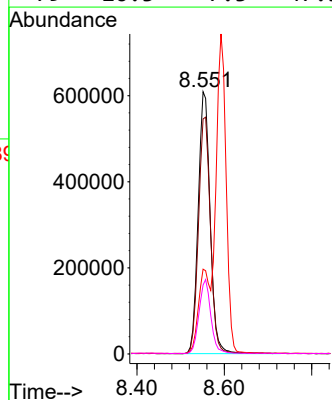
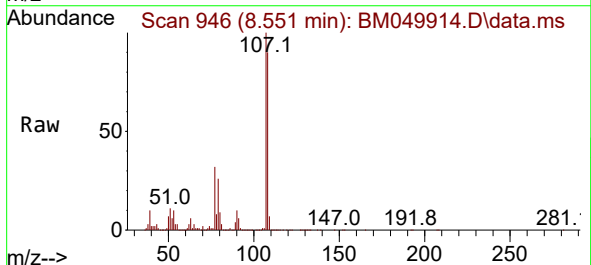
Instrument :
BNA_M
ClientSampleId :
TP-9MS

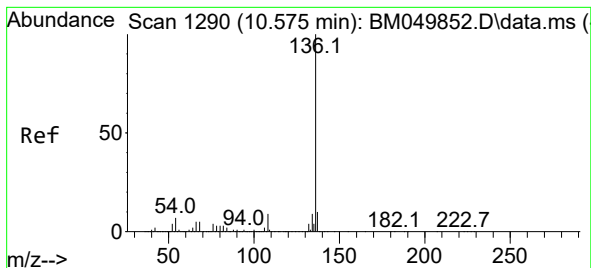
Tgt Ion: 70 Resp: 780355
Ion Ratio Lower Upper
70 100
42 49.9 40.2 60.2
101 10.4 7.9 11.9
130 22.5 17.7 26.5



#20
3+4-Methylphenols
Concen: 50.719 ng
RT: 8.551 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 107 Resp: 1159763
Ion Ratio Lower Upper
107 100
108 89.6 69.6 109.6
77 32.3 11.7 51.7
79 26.3 7.3 47.3

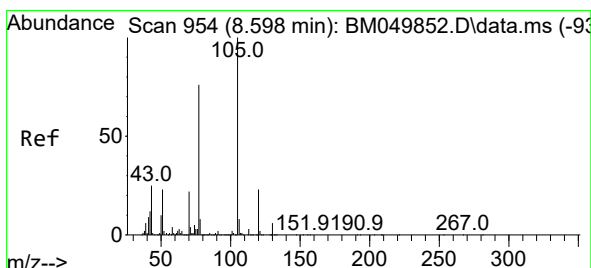
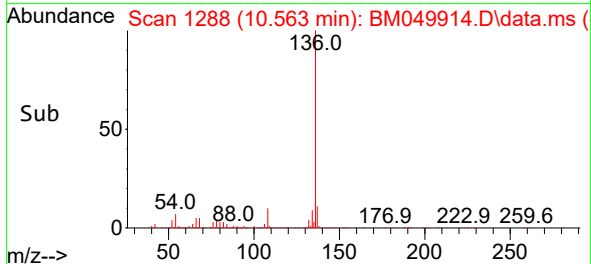
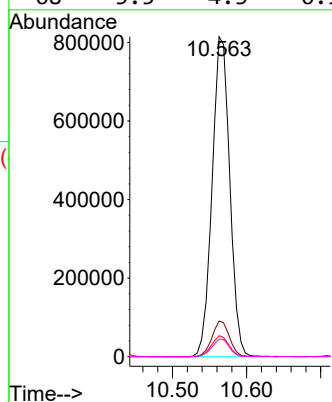
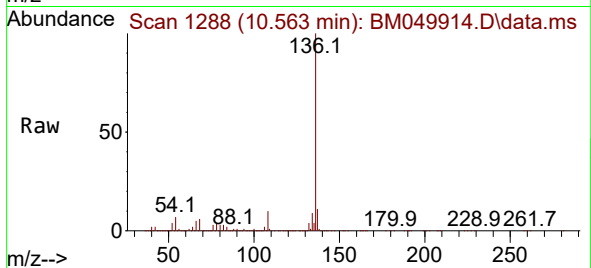




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

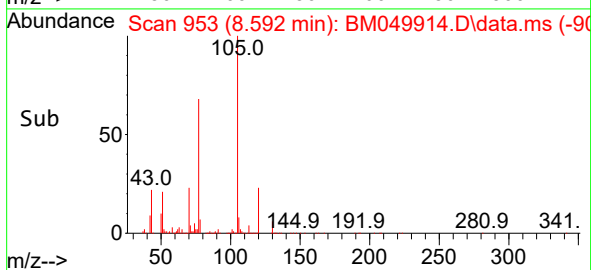
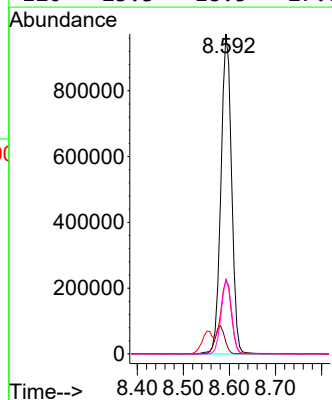
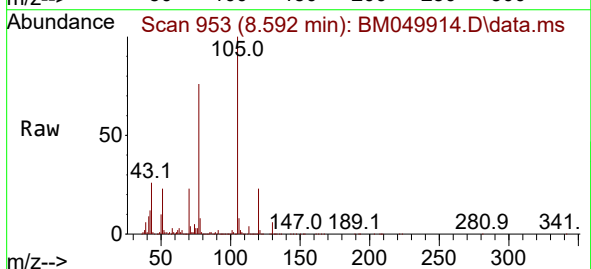
Instrument :
BNA_M
ClientSampleId :
TP-9MS

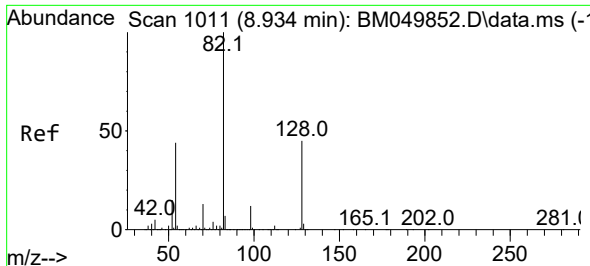
Tgt Ion:136 Resp: 1344620
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.6 5.3 7.9
68 5.5 4.3 6.5



#22
Acetophenone
Concen: 47.534 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:105 Resp: 1553340
Ion Ratio Lower Upper
105 100
71 3.6 3.0 4.4
51 23.1 18.6 27.8
120 23.3 18.5 27.7





#23

Nitrobenzene-d5

Concen: 84.705 ng

RT: 8.928 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

Instrument :

BNA_M

ClientSampleId :

TP-9MS

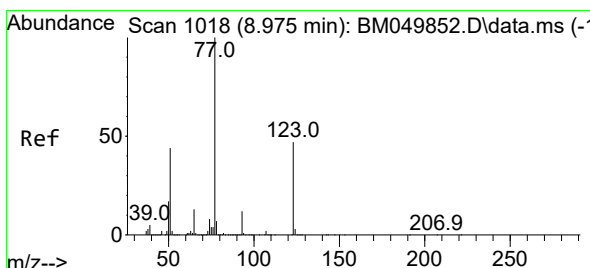
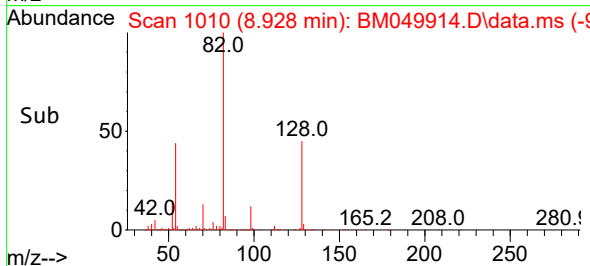
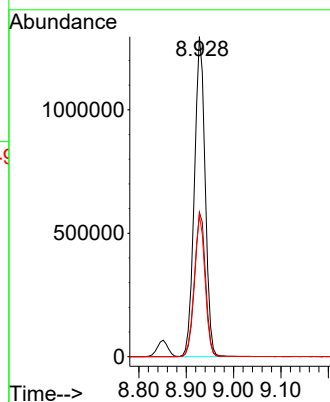
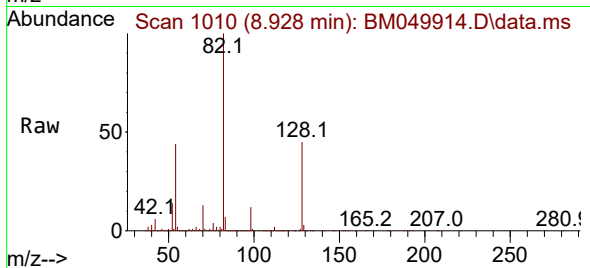
Tgt Ion: 82 Resp: 2045348

Ion Ratio Lower Upper

82 100

128 45.2 36.2 54.2

54 44.1 35.0 52.6



#24

Nitrobenzene

Concen: 47.456 ng

RT: 8.969 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

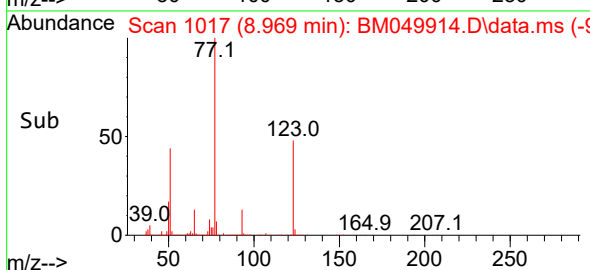
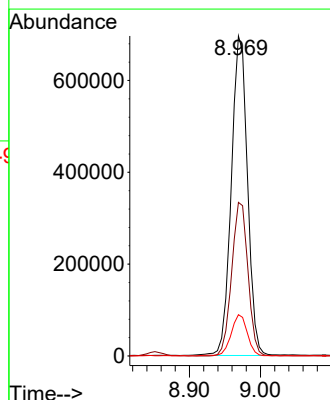
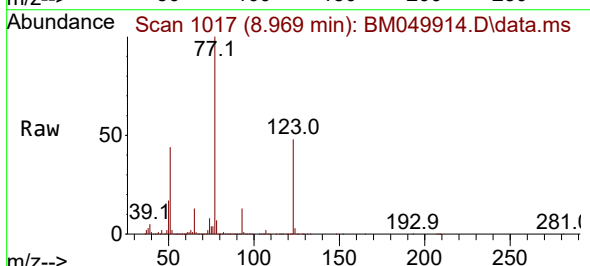
Tgt Ion: 77 Resp: 1103397

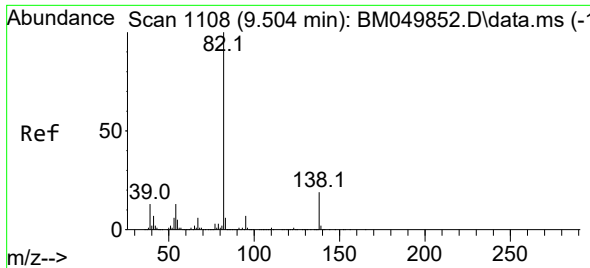
Ion Ratio Lower Upper

77 100

123 48.0 37.4 56.2

65 12.9 10.1 15.1





#25

Isophorone

Concen: 53.656 ng

RT: 9.498 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

Instrument :

BNA_M

ClientSampleId :

TP-9MS

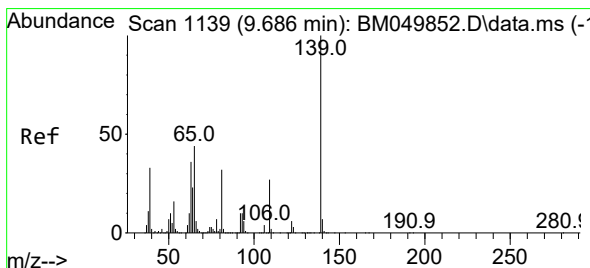
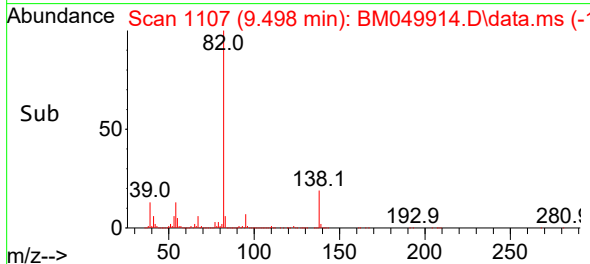
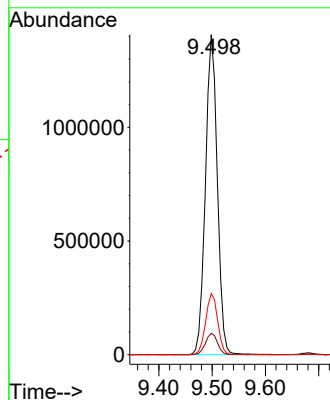
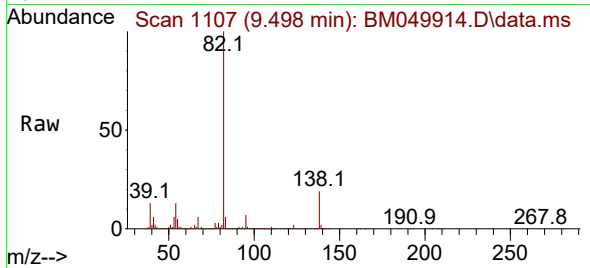
Tgt Ion: 82 Resp: 2170442

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 19.1 15.0 22.6



#26

2-Nitrophenol

Concen: 48.956 ng

RT: 9.681 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

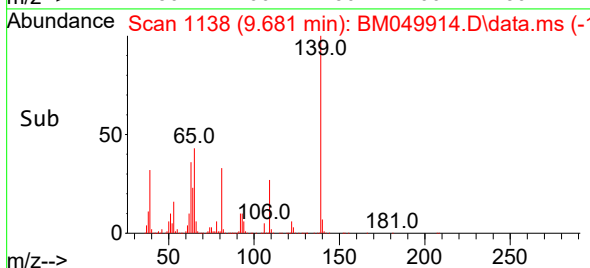
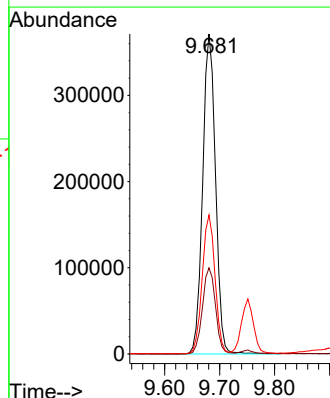
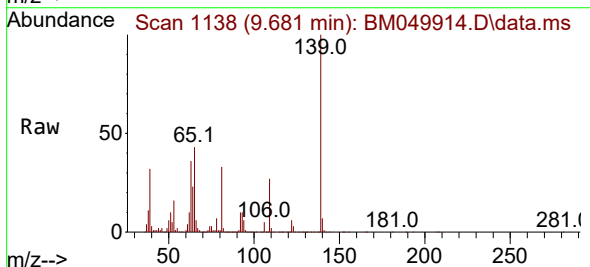
Tgt Ion:139 Resp: 603303

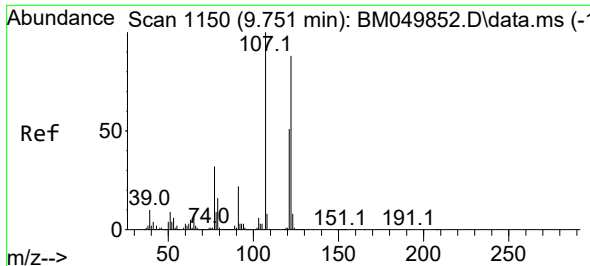
Ion Ratio Lower Upper

139 100

109 26.9 21.7 32.5

65 43.4 35.2 52.8

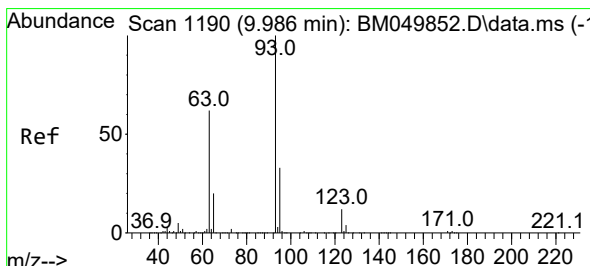
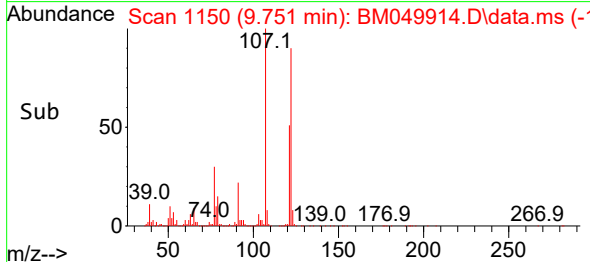
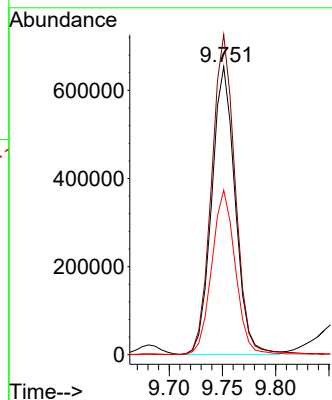
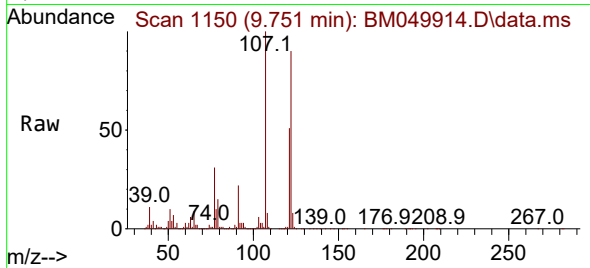




#27
2,4-Dimethylphenol
Concen: 71.638 ng
RT: 9.751 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

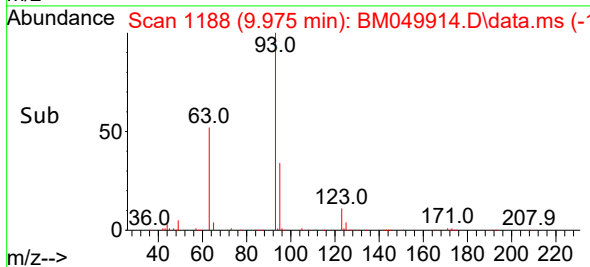
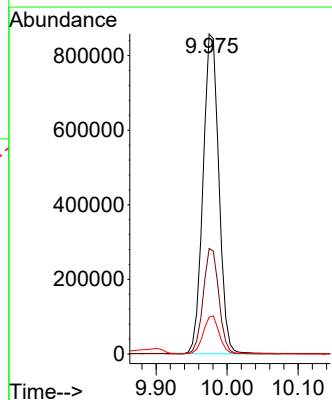
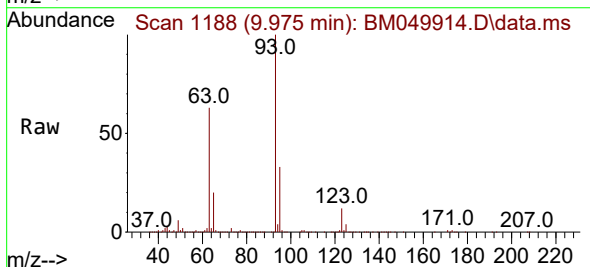
Instrument :
BNA_M
ClientSampleId :
TP-9MS

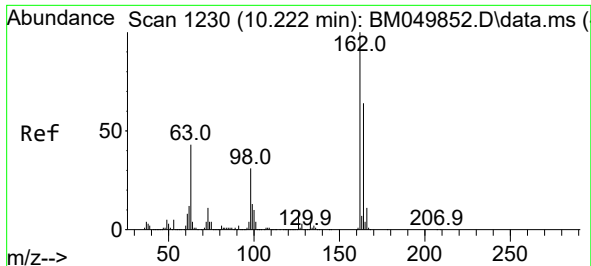
Tgt Ion:122 Resp: 1000500
Ion Ratio Lower Upper
122 100
107 111.1 90.3 135.5
121 57.1 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 49.223 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 93 Resp: 1333015
Ion Ratio Lower Upper
93 100
95 33.0 26.6 40.0
123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 49.783 ng

RT: 10.228 min Scan# 1230

Delta R.T. 0.006 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

Instrument :

BNA_M

ClientSampleId :

TP-9MS

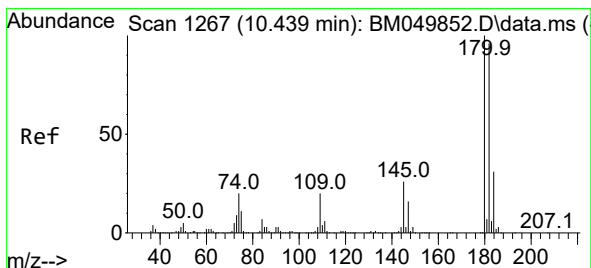
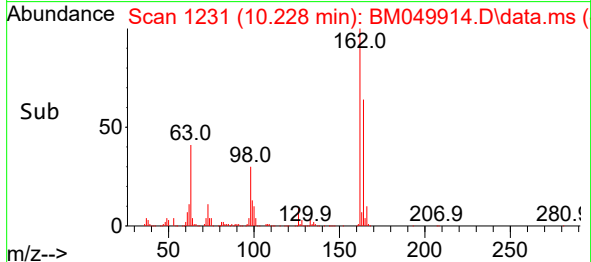
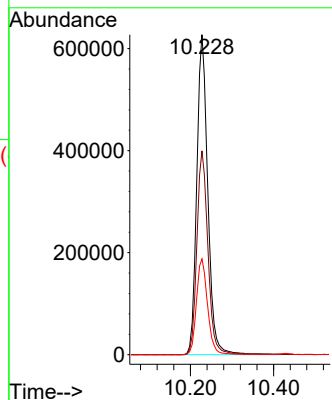
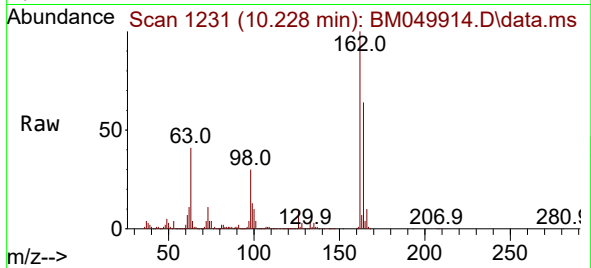
Tgt Ion:162 Resp: 1155715

Ion Ratio Lower Upper

162 100

164 63.7 44.3 84.3

98 30.0 10.9 50.9



#30

1,2,4-Trichlorobenzene

Concen: 46.886 ng

RT: 10.428 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

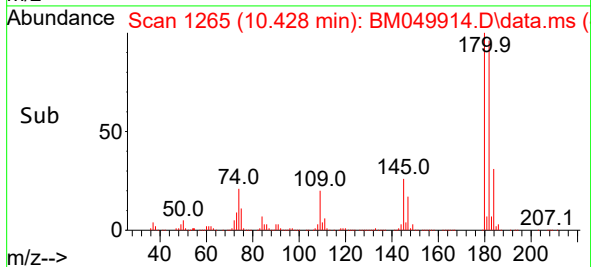
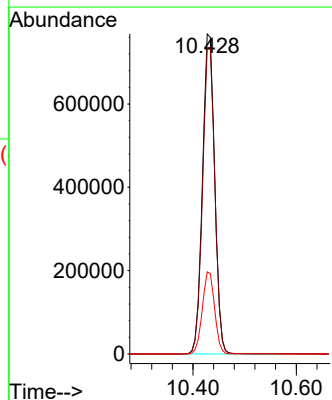
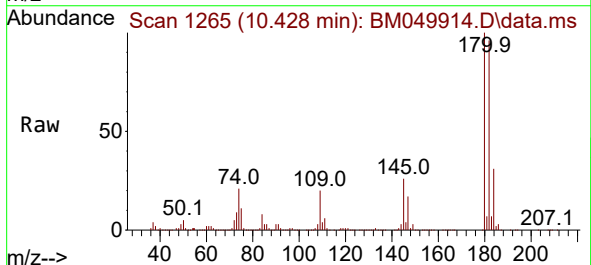
Tgt Ion:180 Resp: 1259185

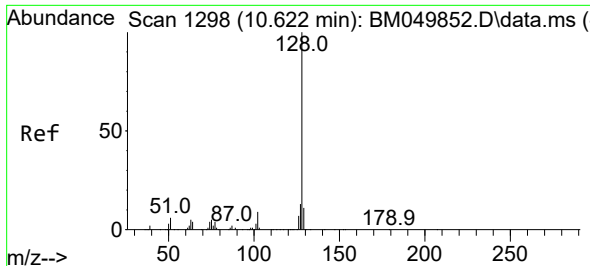
Ion Ratio Lower Upper

180 100

182 95.7 76.7 115.1

145 25.6 20.8 31.2

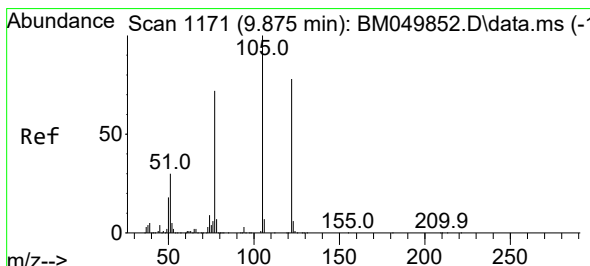
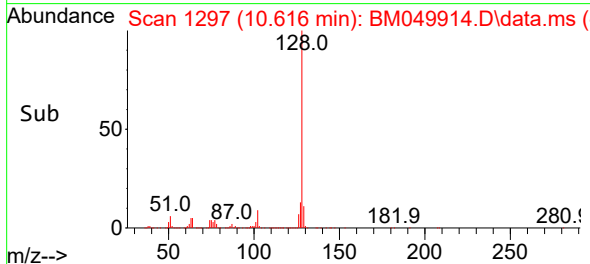
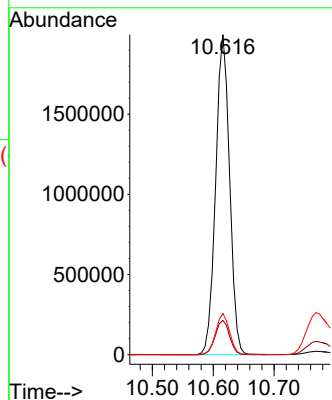
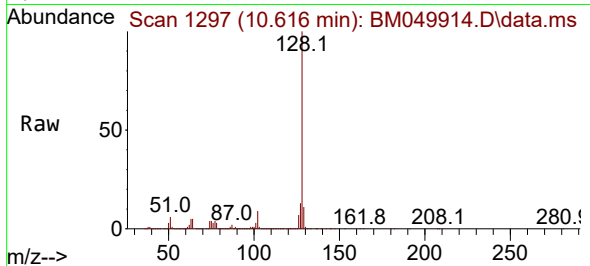




#31
Naphthalene
Concen: 45.779 ng
RT: 10.616 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

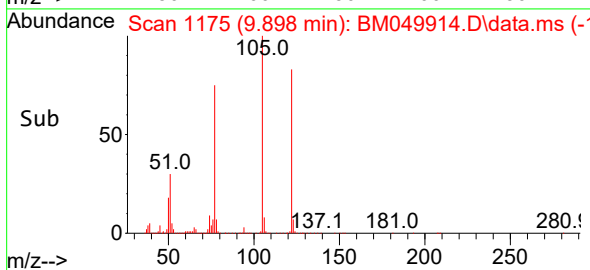
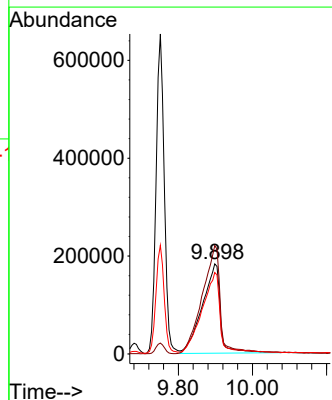
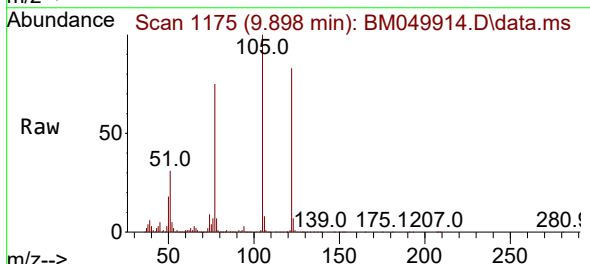
Instrument :
BNA_M
ClientSampleId :
TP-9MS

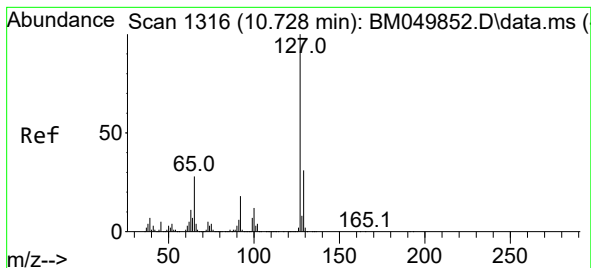
Tgt Ion:128 Resp: 3162943
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 38.023 ng
RT: 9.898 min Scan# 1175
Delta R.T. 0.023 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:122 Resp: 620856
Ion Ratio Lower Upper
122 100
105 120.3 103.8 143.8
77 90.5 70.7 110.7





#33

4-Chloroaniline

Concen: 36.787 ng

RT: 10.769 min Scan# 11

Delta R.T. 0.041 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

Instrument :

BNA_M

ClientSampleId :

TP-9MS

Tgt Ion:127 Resp: 897489

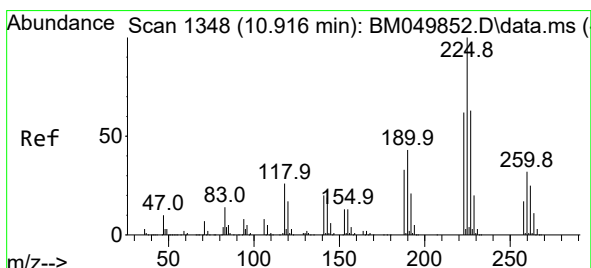
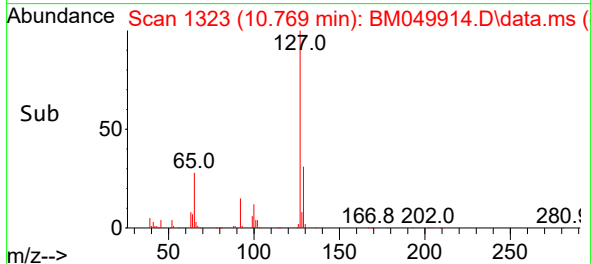
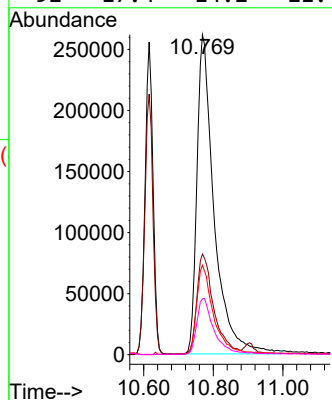
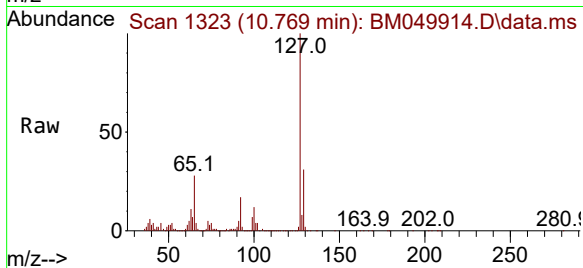
Ion Ratio Lower Upper

127 100

129 31.4 24.9 37.3

65 28.0 22.4 33.6

92 17.4 14.2 21.4



#34

Hexachlorobutadiene

Concen: 46.953 ng

RT: 10.904 min Scan# 1346

Delta R.T. -0.012 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

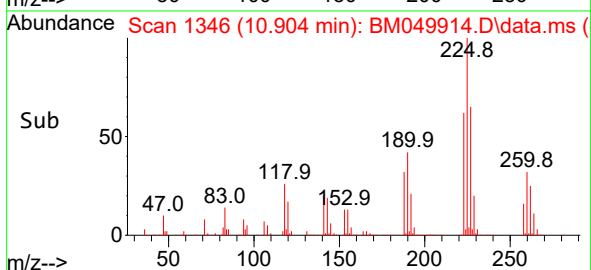
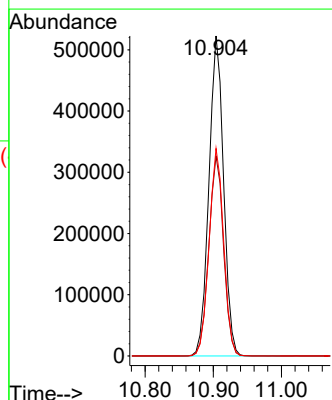
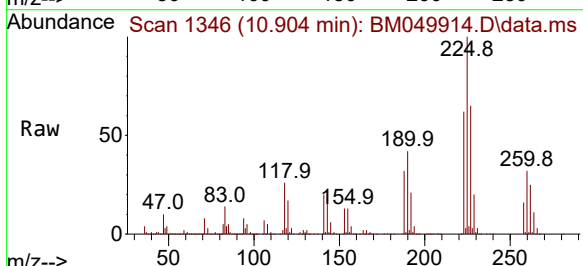
Tgt Ion:225 Resp: 780005

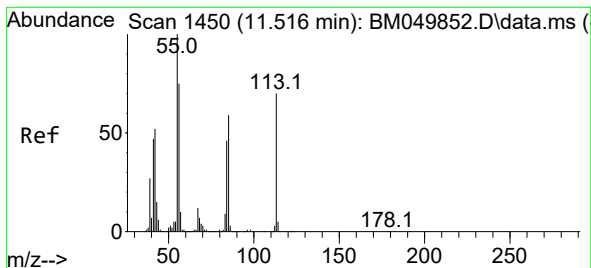
Ion Ratio Lower Upper

225 100

223 62.4 49.4 74.2

227 64.9 50.1 75.1

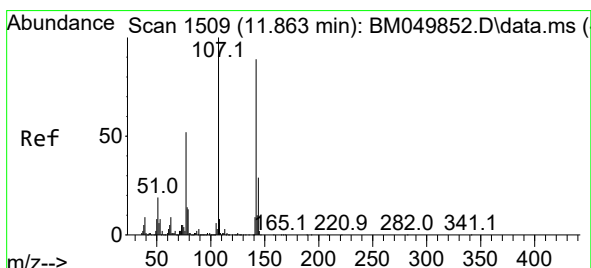
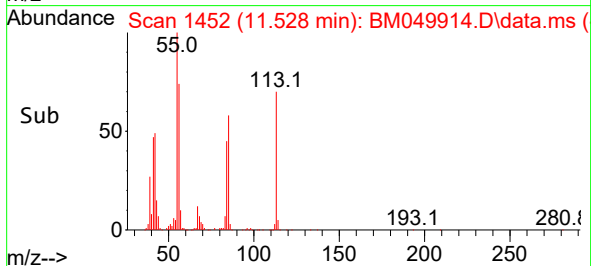
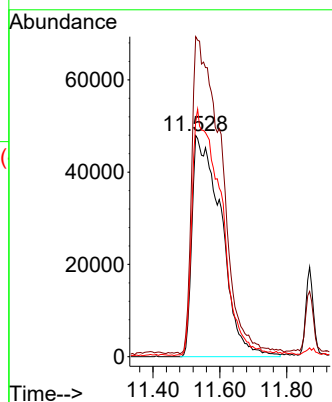
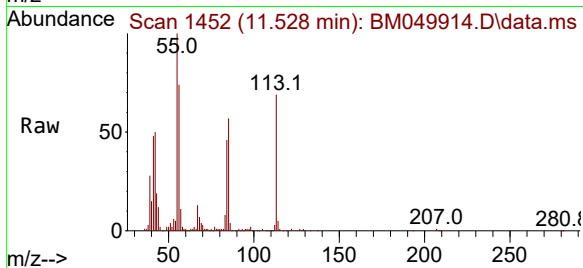




#35
Caprolactam
Concen: 43.371 ng
RT: 11.528 min Scan# 1450
Delta R.T. 0.012 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

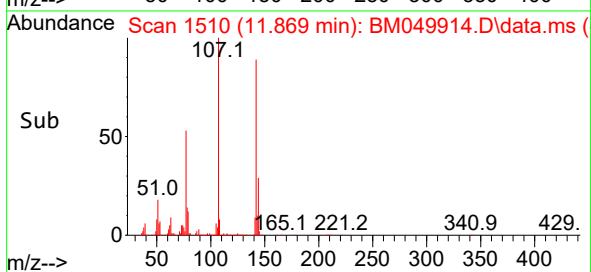
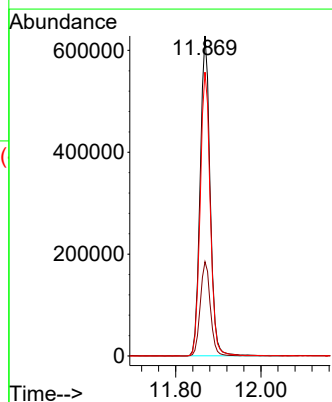
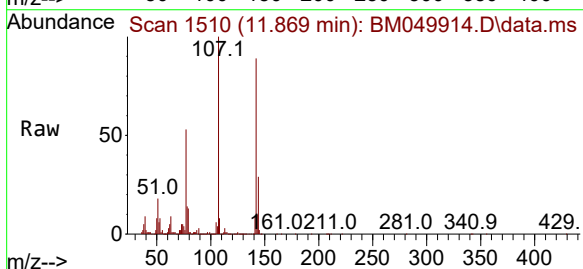
Instrument :
BNA_M
ClientSampleId :
TP-9MS

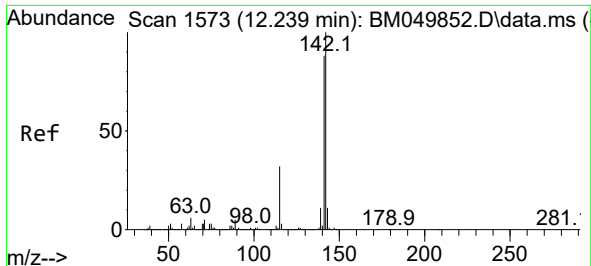
Tgt Ion:113 Resp: 288778
Ion Ratio Lower Upper
113 100
55 144.7 124.3 164.3
56 106.5 87.5 127.5



#36
4-Chloro-3-methylphenol
Concen: 50.043 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:107 Resp: 1017647
Ion Ratio Lower Upper
107 100
144 29.5 23.6 35.4
142 88.7 71.4 107.0

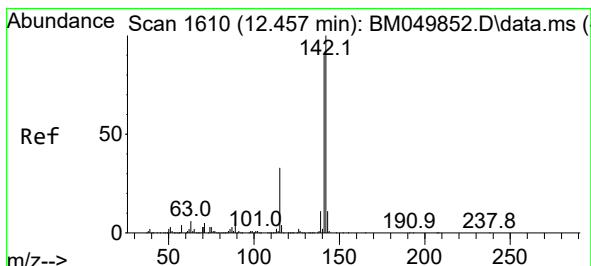
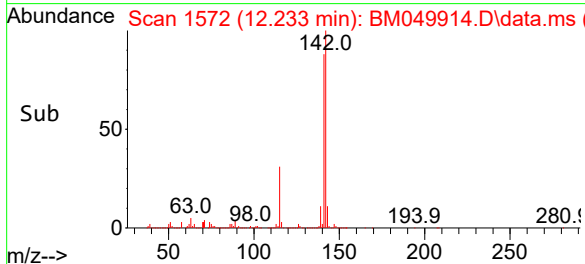
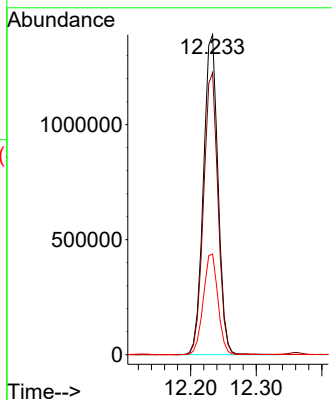
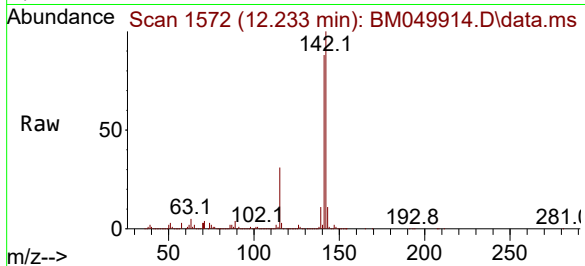




#37
2-Methylnaphthalene
Concen: 44.180 ng
RT: 12.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

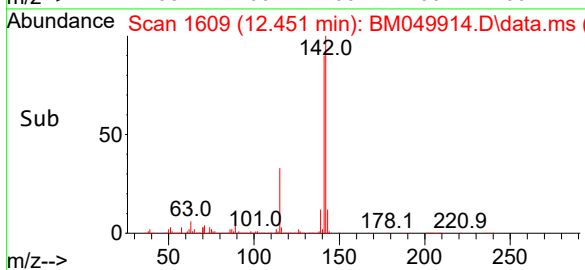
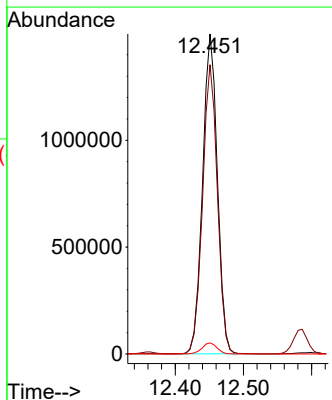
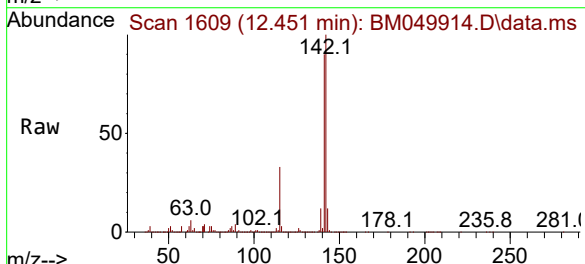
Instrument :
BNA_M
ClientSampleId :
TP-9MS

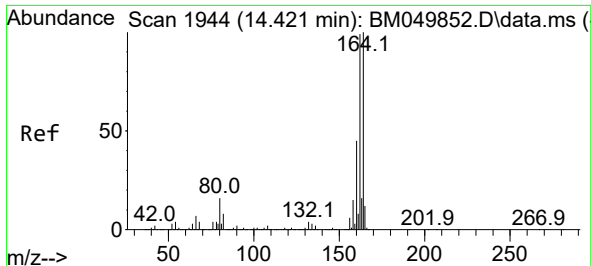
Tgt Ion:142 Resp: 2150676
Ion Ratio Lower Upper
142 100
141 88.1 70.2 105.2
115 31.4 25.4 38.2



#38
1-Methylnaphthalene
Concen: 47.635 ng
RT: 12.451 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:142 Resp: 2259107
Ion Ratio Lower Upper
142 100
141 90.4 72.2 108.2
116 3.5 2.9 4.3

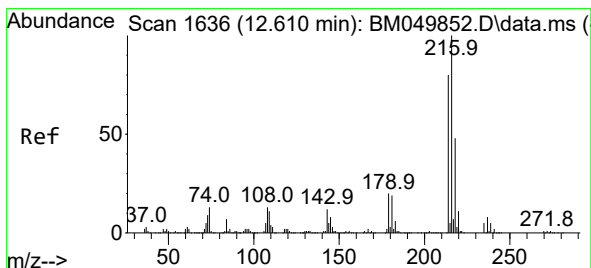
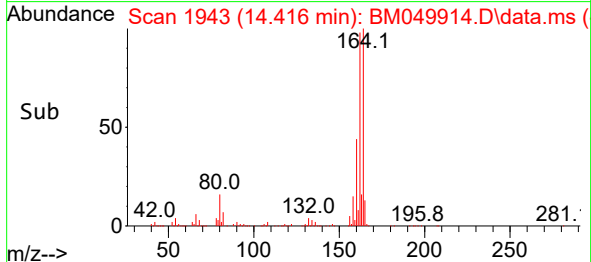
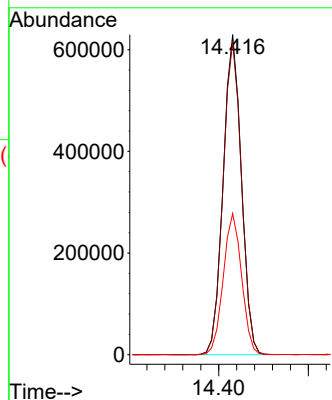
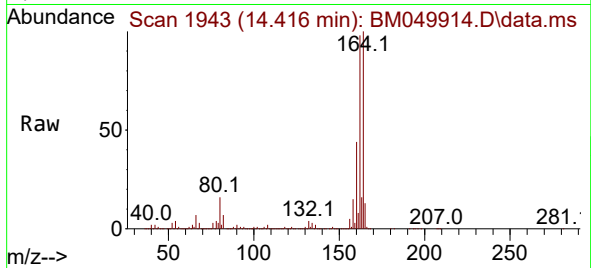




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

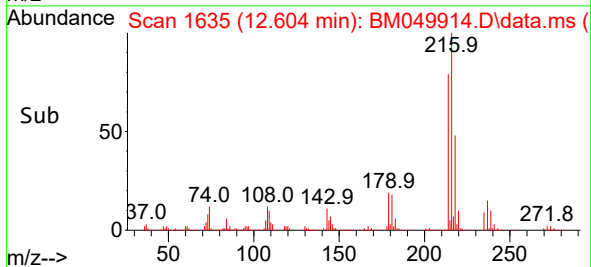
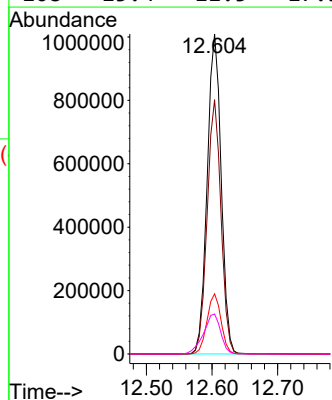
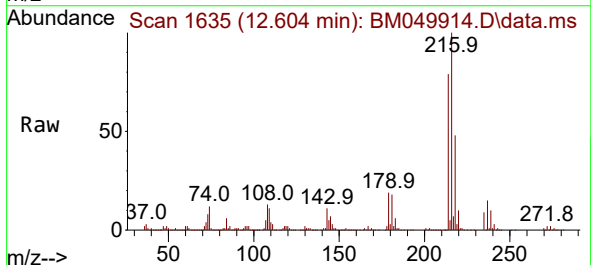
Instrument :
BNA_M
ClientSampleId :
TP-9MS

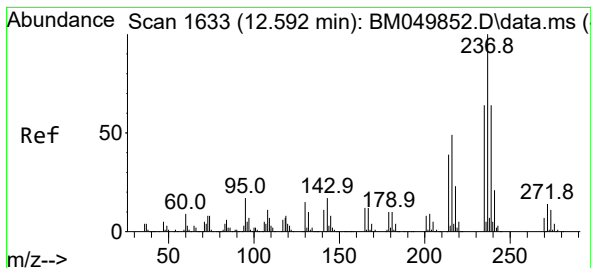
Tgt Ion:164 Resp: 887292
Ion Ratio Lower Upper
164 100
162 97.8 79.4 119.0
160 44.1 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.186 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:216 Resp: 1495771
Ion Ratio Lower Upper
216 100
214 78.7 63.2 94.8
179 18.9 15.8 23.6
108 15.4 11.5 17.3





#41

Hexachlorocyclopentadiene

Concen: 156.354 ng

RT: 12.586 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

Instrument :

BNA_M

ClientSampleId :

TP-9MS

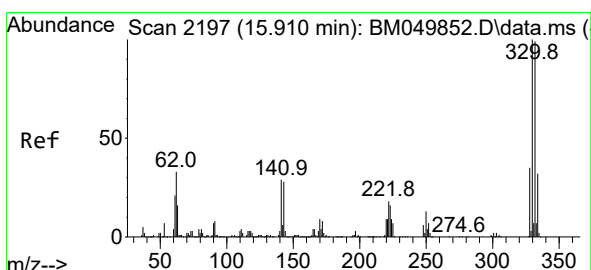
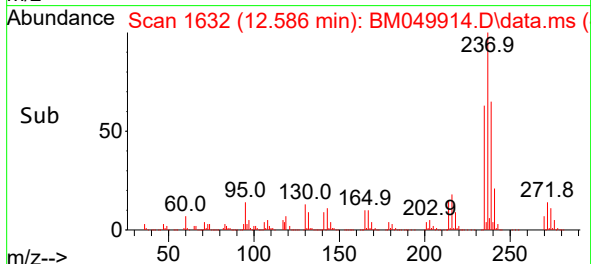
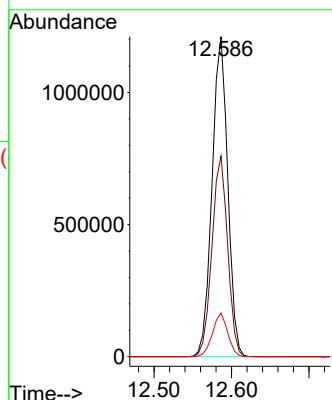
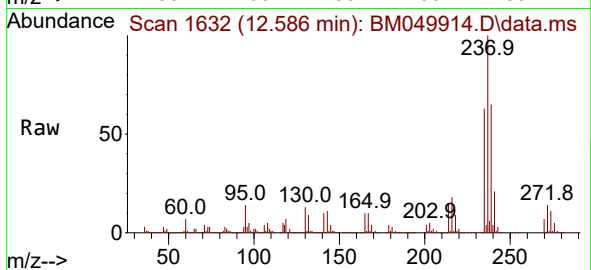
Tgt Ion:237 Resp: 1700692

Ion Ratio Lower Upper

237 100

235 62.7 43.7 83.7

272 13.6 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 143.282 ng

RT: 15.904 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

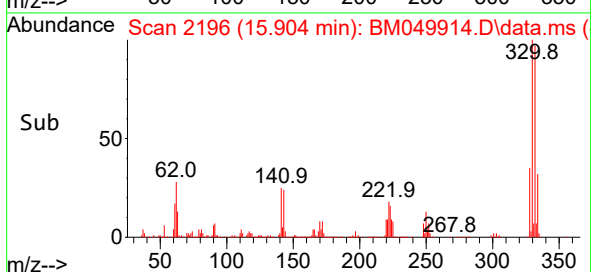
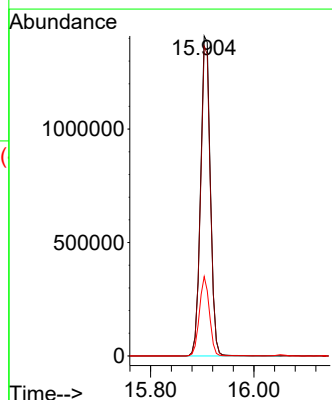
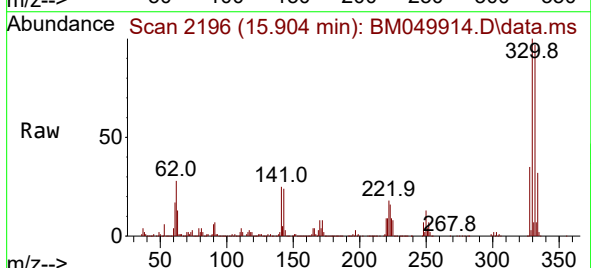
Tgt Ion:330 Resp: 1849199

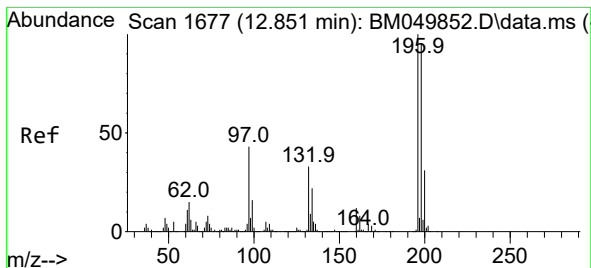
Ion Ratio Lower Upper

330 100

332 96.9 78.0 117.0

141 25.4 23.5 35.3





#43

2,4,6-Trichlorophenol

Concen: 50.943 ng

RT: 12.845 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

Instrument :

BNA_M

ClientSampleId :

TP-9MS

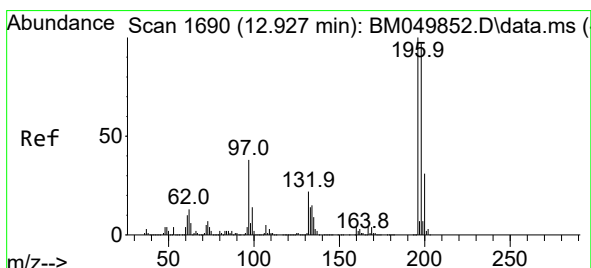
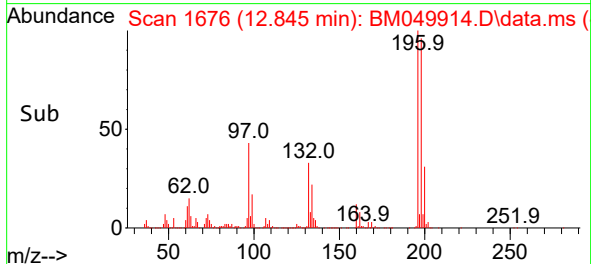
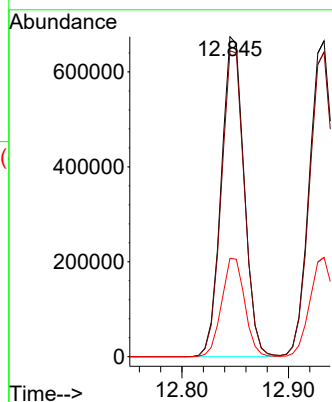
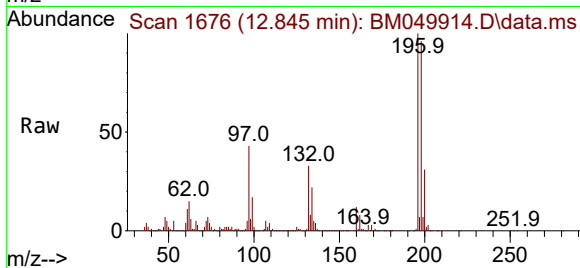
Tgt Ion:196 Resp: 1006262

Ion Ratio Lower Upper

196 100

198 95.6 76.1 114.1

200 30.7 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 50.971 ng

RT: 12.933 min Scan# 1691

Delta R.T. 0.006 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

Tgt Ion:196 Resp: 1094120

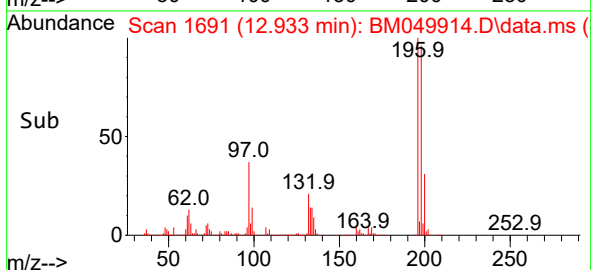
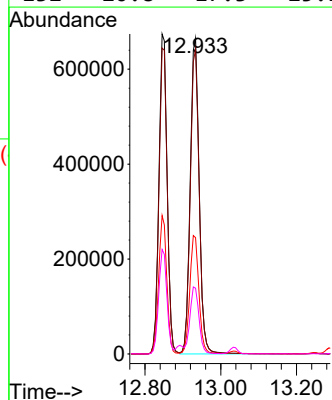
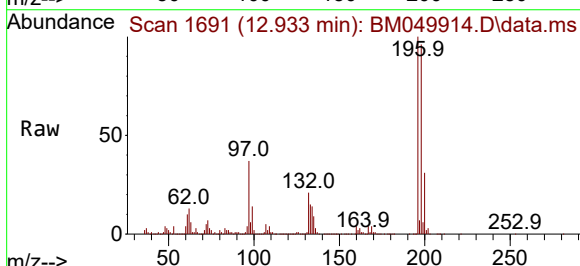
Ion Ratio Lower Upper

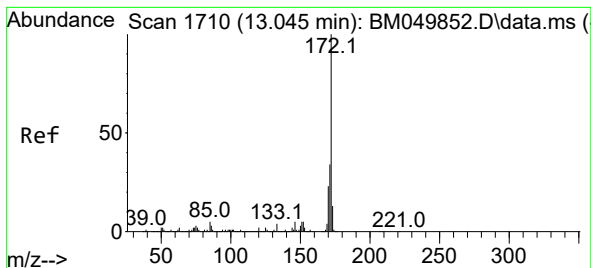
196 100

198 96.5 77.7 116.5

97 36.9 30.3 45.5

132 20.8 17.3 25.9





#45

2-Fluorobiphenyl

Concen: 83.457 ng

RT: 13.033 min Scan# 1708

Delta R.T. -0.012 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

Instrument :

BNA_M

ClientSampleId :

TP-9MS

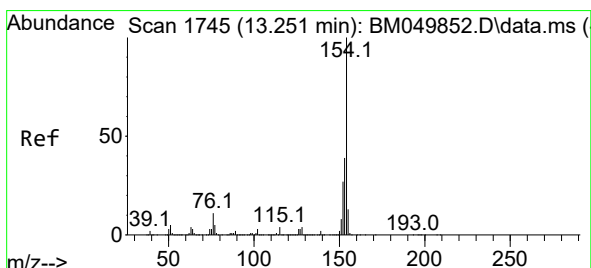
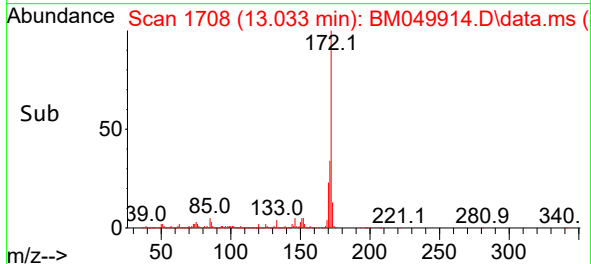
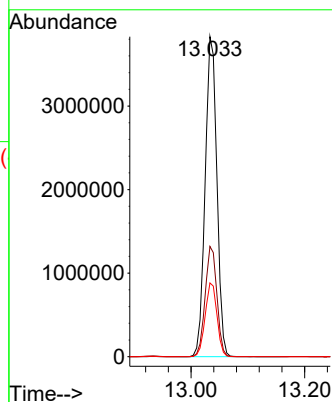
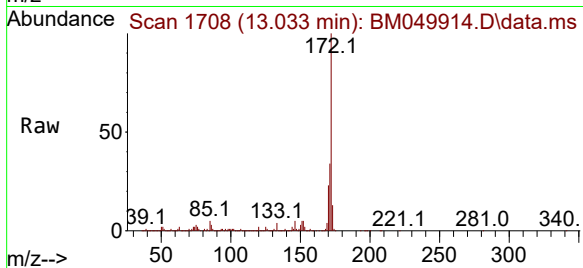
Tgt Ion:172 Resp: 5460914

Ion Ratio Lower Upper

172 100

171 34.4 27.4 41.2

170 23.1 18.6 28.0



#46

1,1'-Biphenyl

Concen: 47.969 ng

RT: 13.245 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

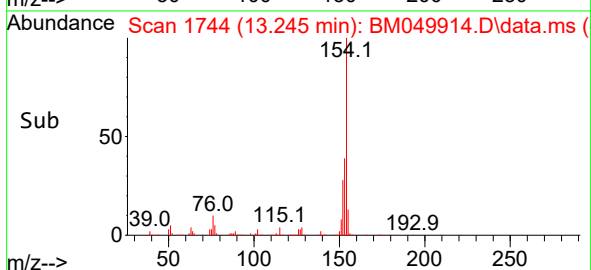
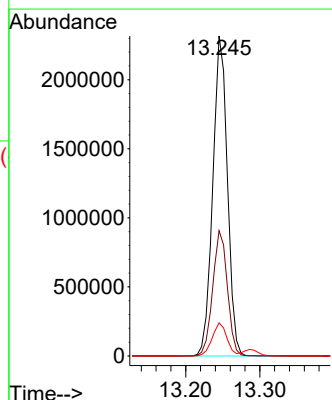
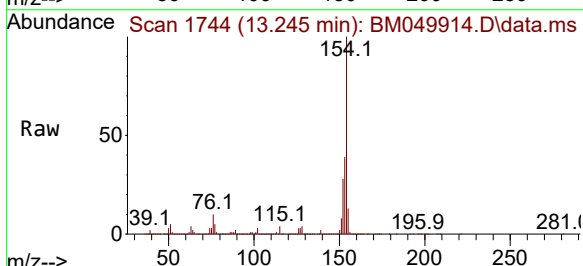
Tgt Ion:154 Resp: 3163938

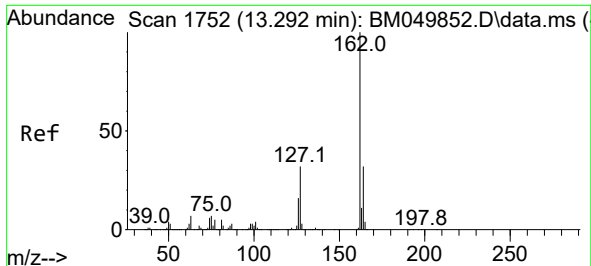
Ion Ratio Lower Upper

154 100

153 39.1 19.3 59.3

76 10.4 0.0 30.7

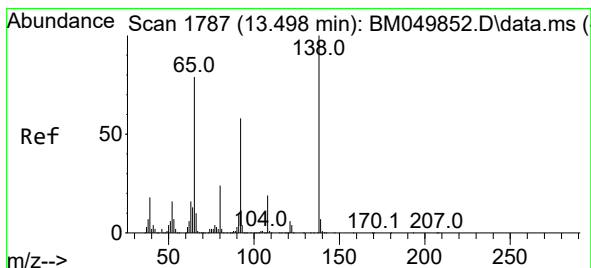
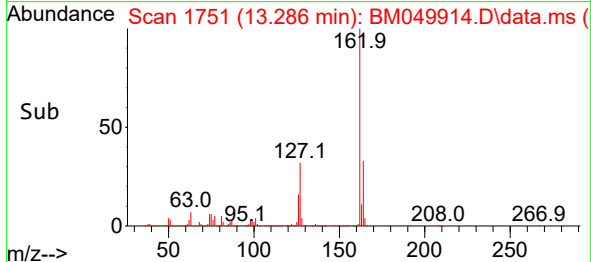
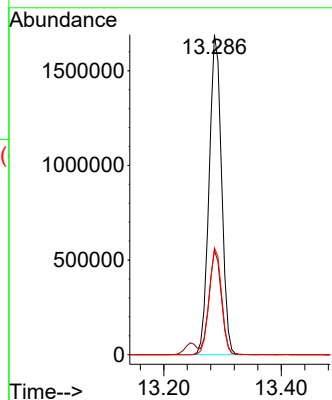
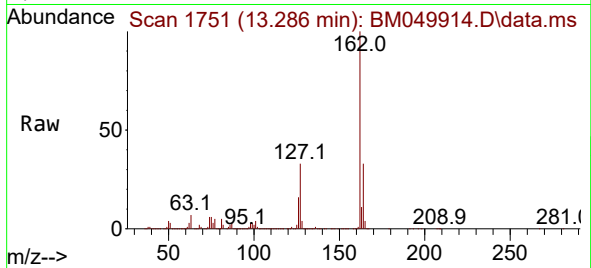




#47
2-Chloronaphthalene
Concen: 47.774 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

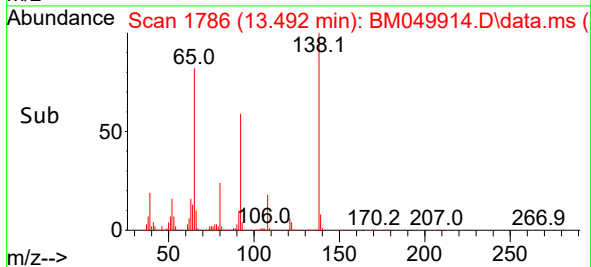
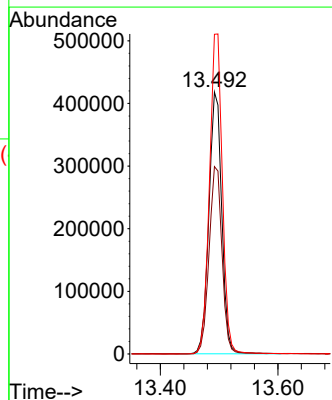
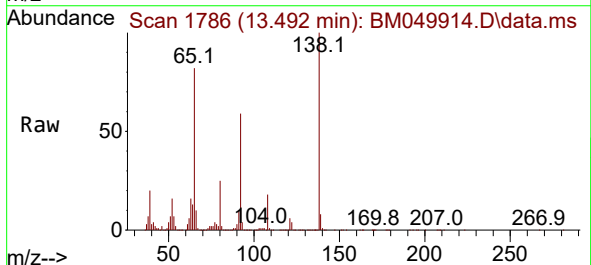
Instrument :
BNA_M
ClientSampleId :
TP-9MS

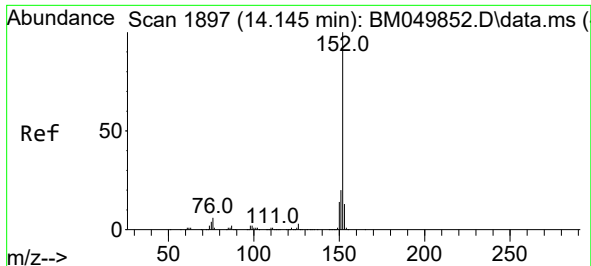
Tgt Ion:162 Resp: 2476709
Ion Ratio Lower Upper
162 100
127 32.5 26.0 39.0
164 33.4 25.9 38.9



#48
2-Nitroaniline
Concen: 53.230 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 65 Resp: 638411
Ion Ratio Lower Upper
65 100
92 71.5 58.4 87.6
138 122.0 100.8 151.2

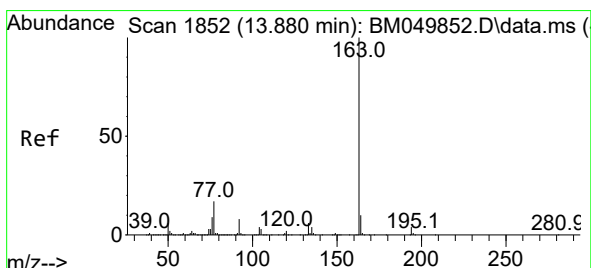
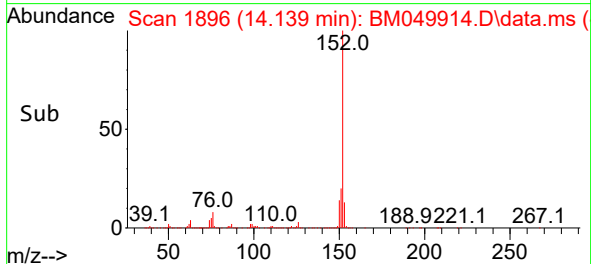
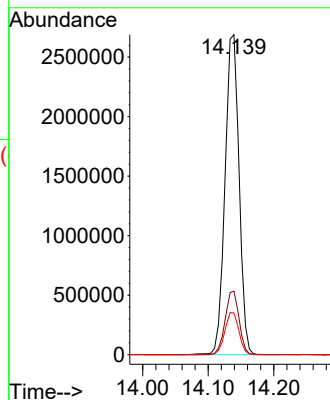
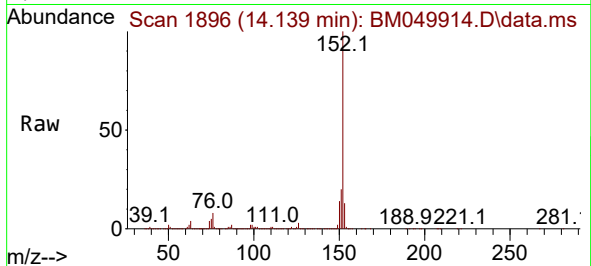




#49
Acenaphthylene
Concen: 52.788 ng
RT: 14.139 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

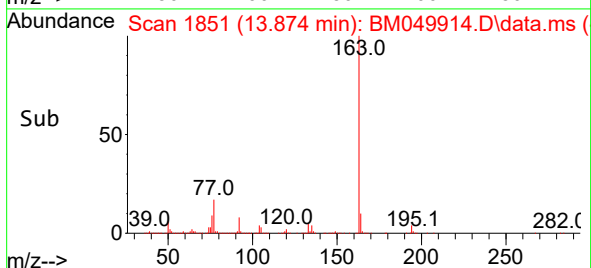
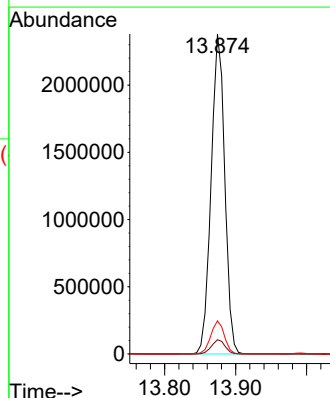
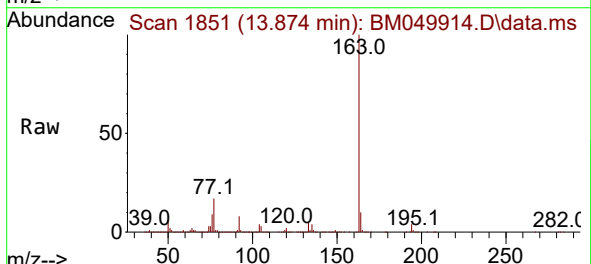
Instrument :
BNA_M
ClientSampleId :
TP-9MS

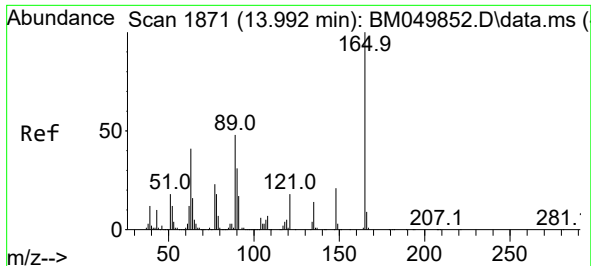
Tgt Ion:152 Resp: 3986330
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 50.737 ng
RT: 13.874 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:163 Resp: 3176001
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.3 7.9 11.9

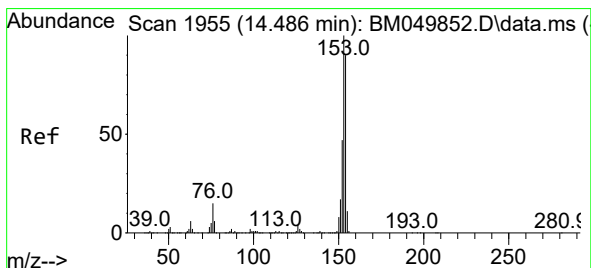
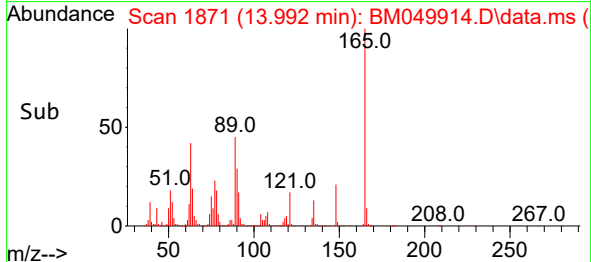
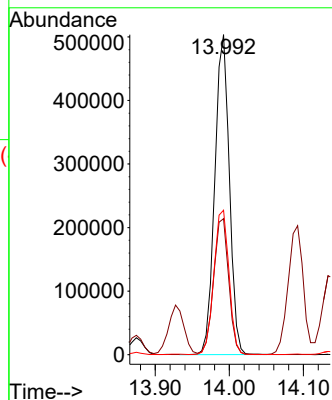
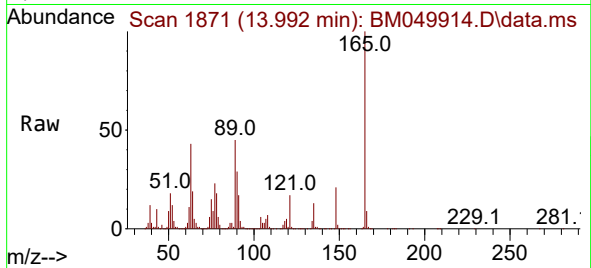




#51
2,6-Dinitrotoluene
Concen: 52.359 ng
RT: 13.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

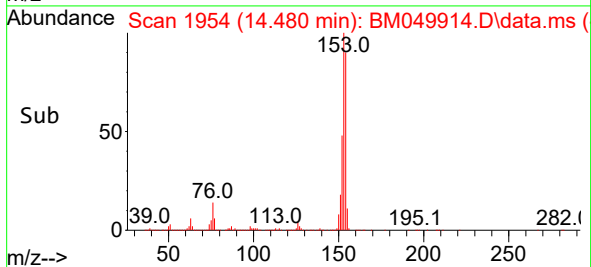
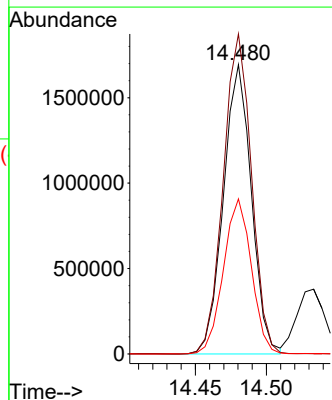
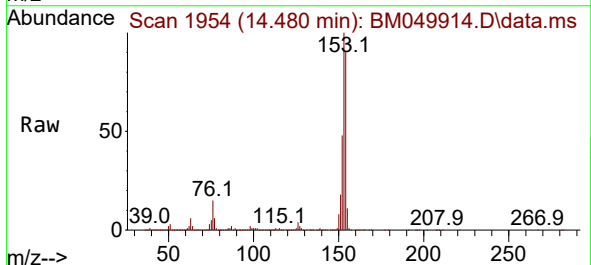
Instrument :
BNA_M
ClientSampleId :
TP-9MS

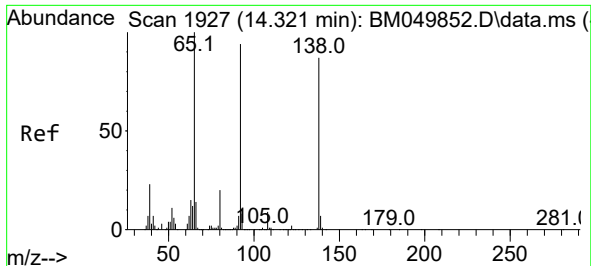
Tgt Ion:165 Resp: 686685
Ion Ratio Lower Upper
165 100
63 42.5 36.1 54.1
89 45.2 38.3 57.5



#52
Acenaphthene
Concen: 48.430 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:154 Resp: 2326297
Ion Ratio Lower Upper
154 100
153 110.6 89.3 133.9
152 53.6 42.2 63.2

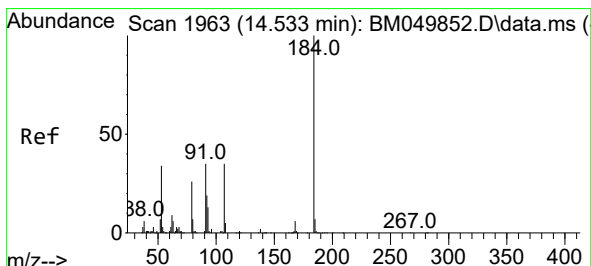
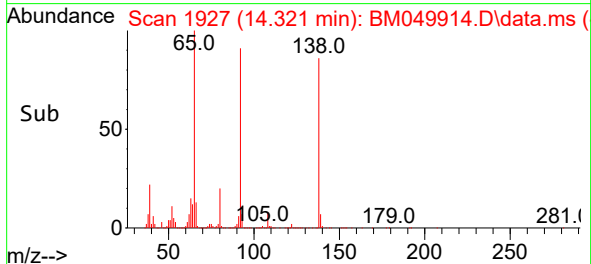
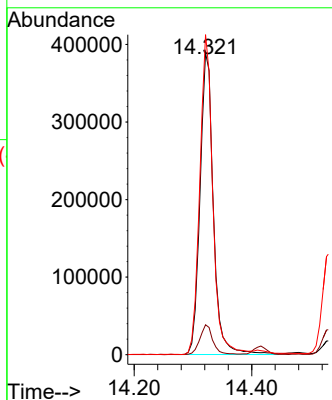
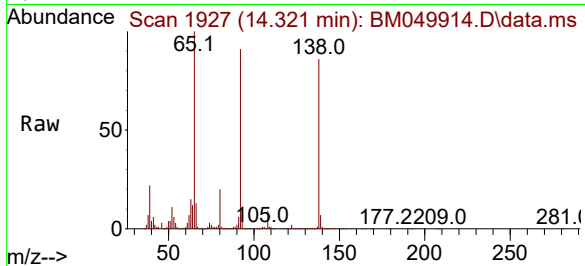




#53
3-Nitroaniline
Concen: 48.526 ng
RT: 14.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

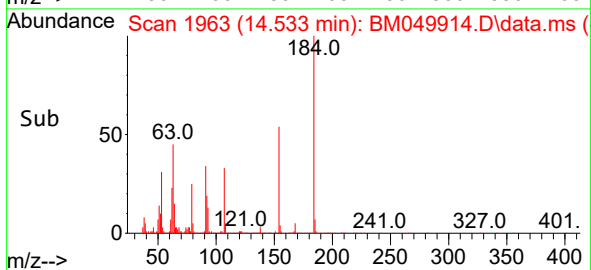
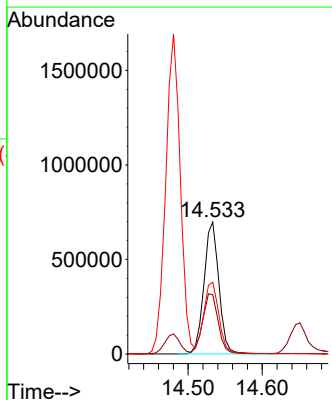
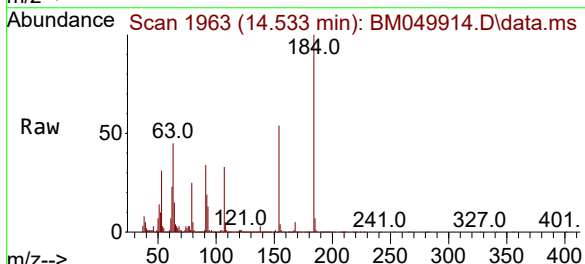
Instrument :
BNA_M
ClientSampleId :
TP-9MS

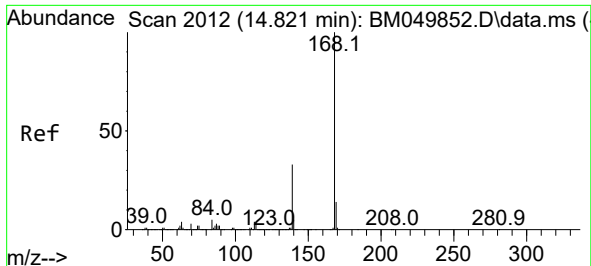
Tgt Ion:138 Resp: 615097
Ion Ratio Lower Upper
138 100
108 9.9 8.1 12.1
92 106.1 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 100.867 ng
RT: 14.533 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:184 Resp: 977673
Ion Ratio Lower Upper
184 100
63 44.9 38.4 57.6
154 54.3 48.1 72.1

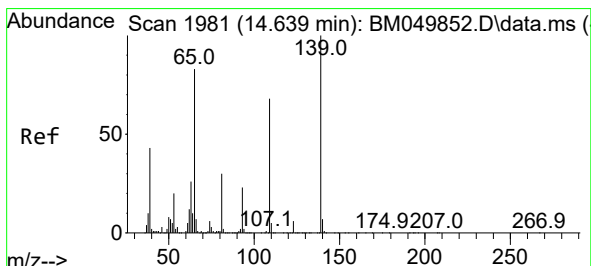
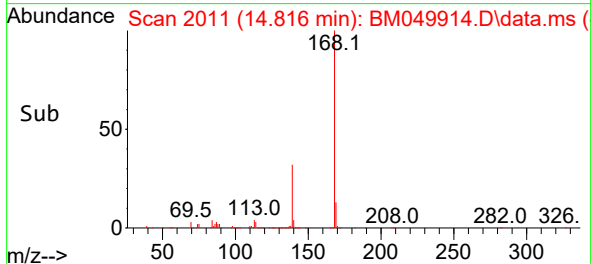
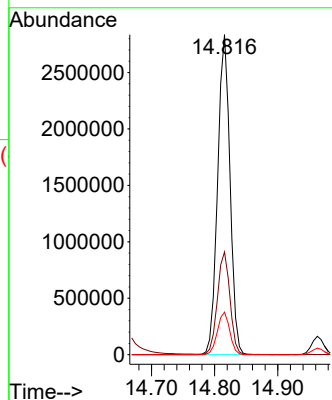
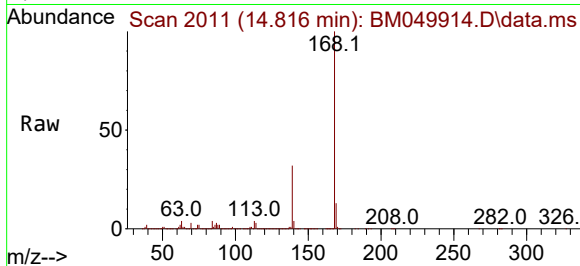




#55
Dibenzenofuran
Concen: 47.796 ng
RT: 14.816 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

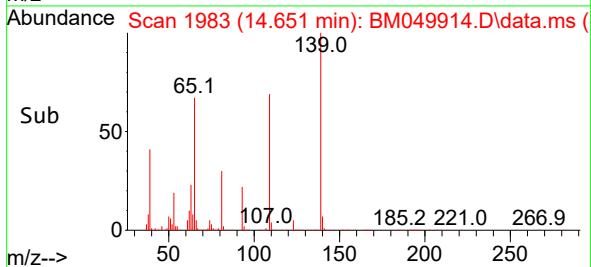
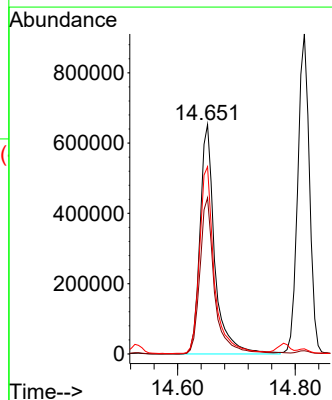
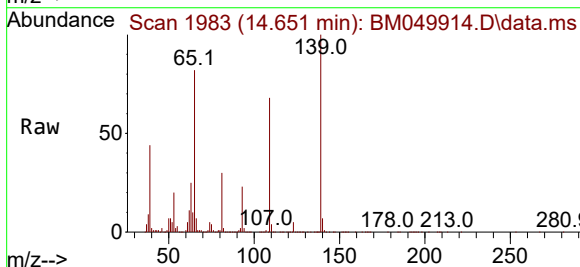
Instrument :
BNA_M
ClientSampleId :
TP-9MS

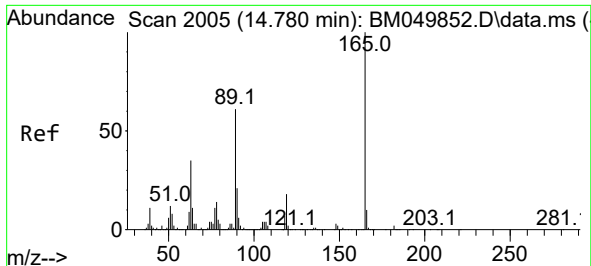
Tgt Ion:168 Resp: 3837987
Ion Ratio Lower Upper
168 100
139 32.1 26.6 39.8
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 100.927 ng
RT: 14.651 min Scan# 1983
Delta R.T. 0.012 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:139 Resp: 1140034
Ion Ratio Lower Upper
139 100
109 68.0 47.9 87.9
65 81.6 62.7 102.7

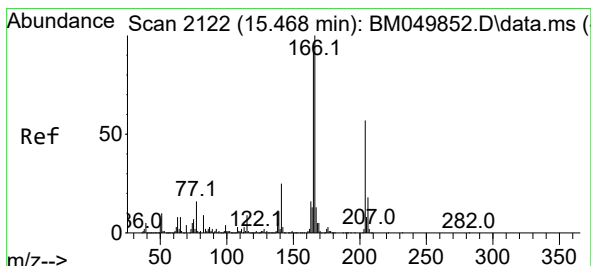
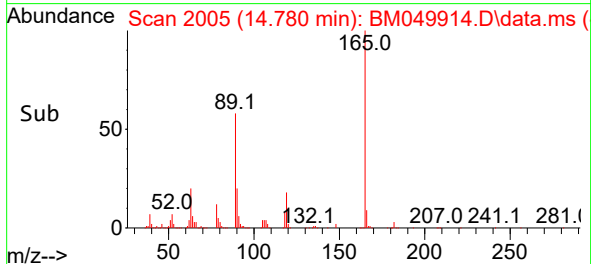
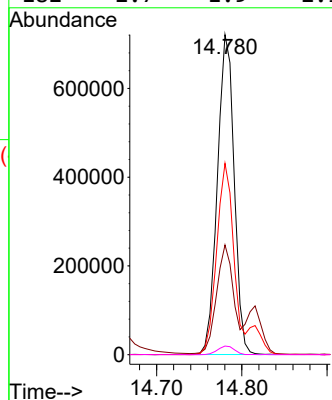
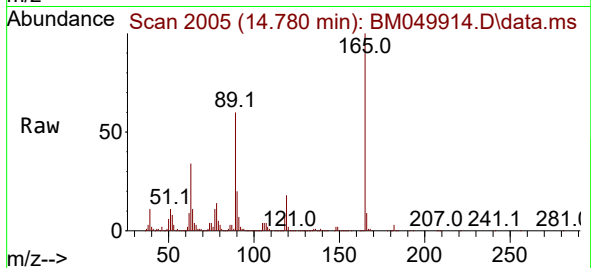




#57
2,4-Dinitrotoluene
Concen: 56.580 ng
RT: 14.780 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

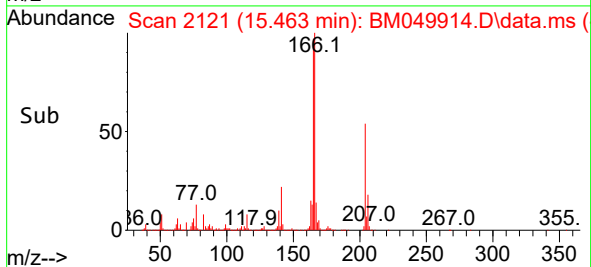
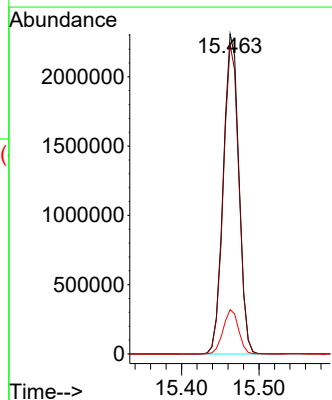
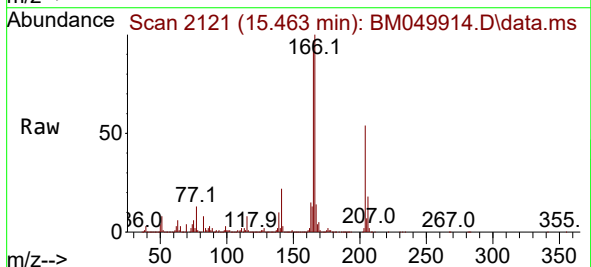
Instrument :
BNA_M
ClientSampleId :
TP-9MS

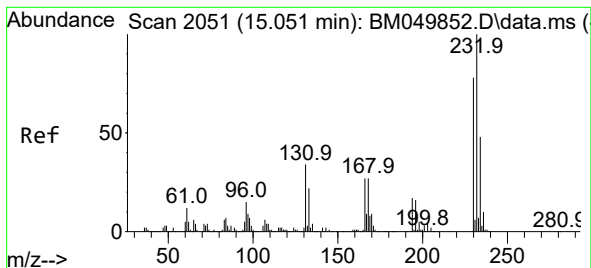
Tgt Ion:165 Resp: 989945
Ion Ratio Lower Upper
165 100
63 34.3 28.6 42.8
89 59.8 49.0 73.6
182 2.7 1.9 2.9



#58
Fluorene
Concen: 50.511 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:166 Resp: 3224055
Ion Ratio Lower Upper
166 100
165 96.7 76.3 114.5
167 13.9 10.7 16.1

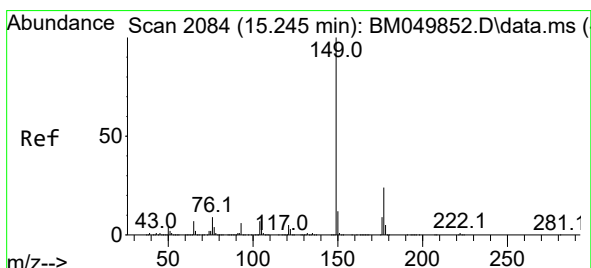
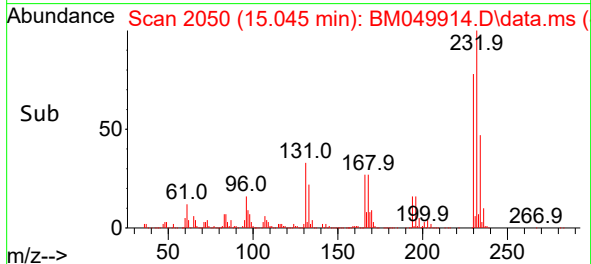
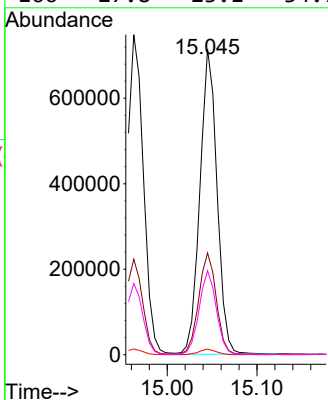
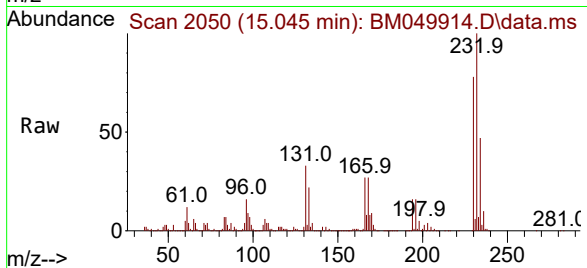




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.255 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

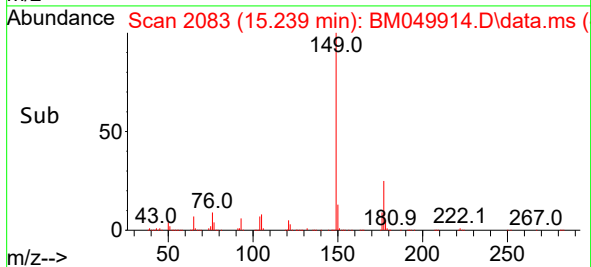
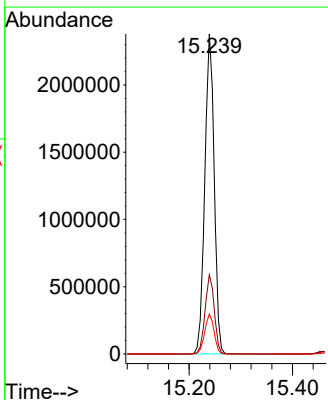
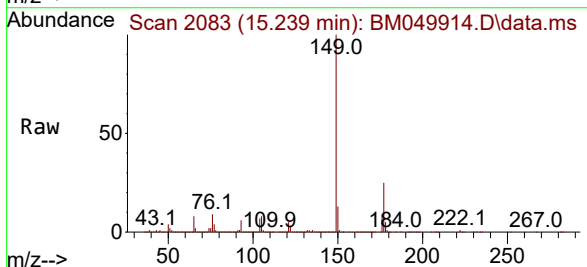
Instrument :
BNA_M
ClientSampleId :
TP-9MS

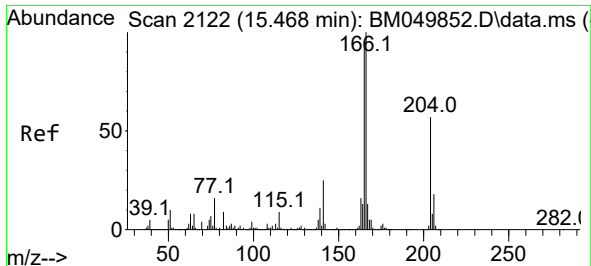
Tgt Ion:	232	Resp:	945490
Ion Ratio	Lower	Upper	
232	100		
131	34.3	28.4	42.6
130	1.9	1.6	2.4
166	27.8	23.1	34.7



#60
Diethylphthalate
Concen: 50.004 ng
RT: 15.239 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:	149	Resp:	3001730
Ion Ratio	Lower	Upper	
149	100		
177	24.8	19.0	28.4
150	12.5	9.7	14.5

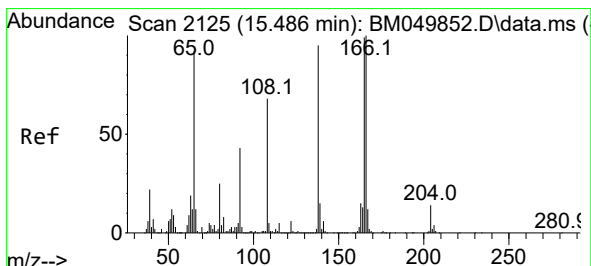
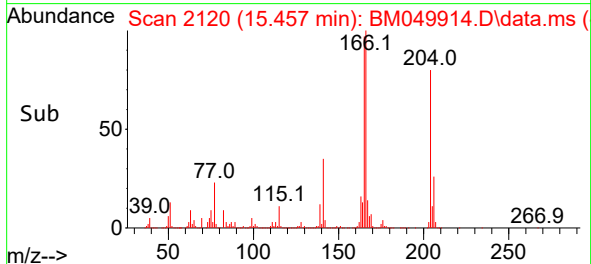
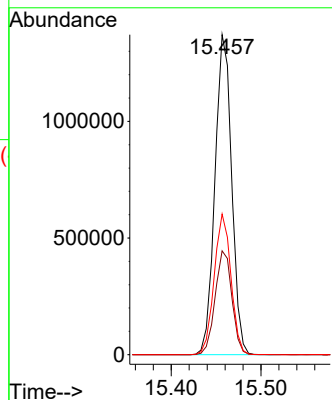
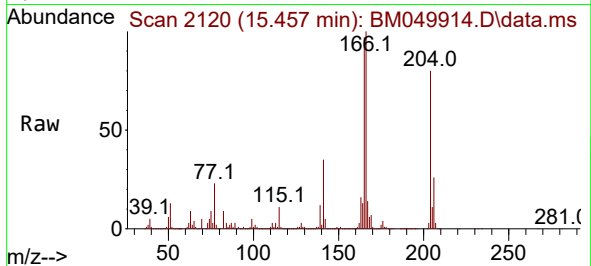




#61
4-Chlorophenyl-phenylether
Concen: 51.795 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

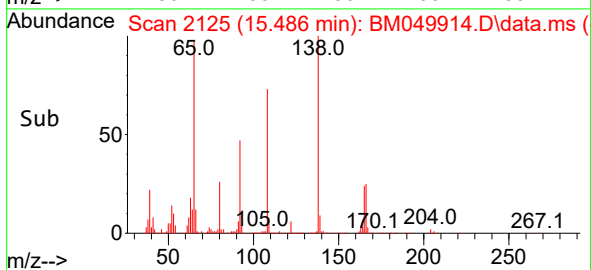
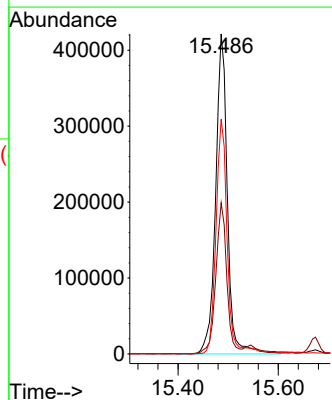
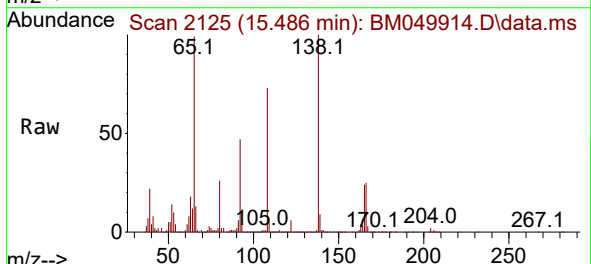
Instrument :
BNA_M
ClientSampleId :
TP-9MS

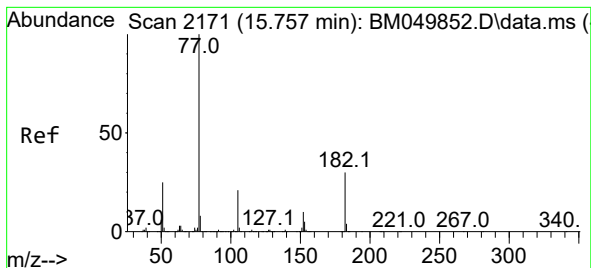
Tgt Ion:204 Resp: 1772473
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 43.9 35.0 52.6



#62
4-Nitroaniline
Concen: 52.457 ng
RT: 15.486 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:138 Resp: 687632
Ion Ratio Lower Upper
138 100
92 47.2 24.9 64.9
108 73.3 51.7 91.7





#63

Azobenzene

Concen: 48.618 ng

RT: 15.751 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

Instrument :

BNA_M

ClientSampleId :

TP-9MS

Tgt Ion: 77 Resp: 2498680

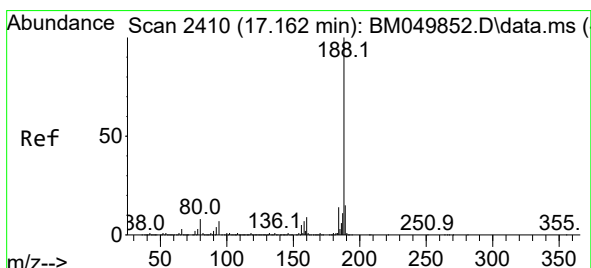
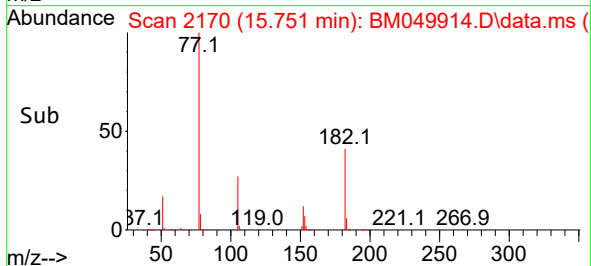
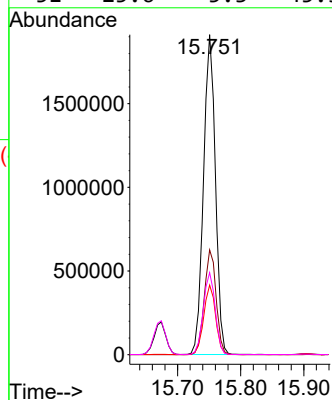
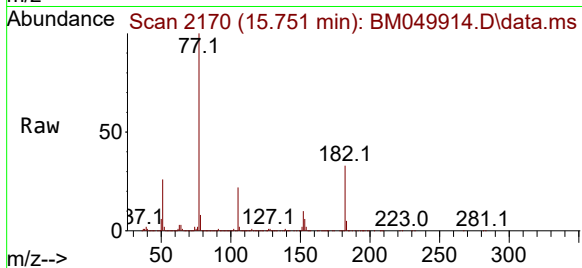
Ion Ratio Lower Upper

77 100

182 32.7 10.4 50.4

105 21.8 1.5 41.5

51 25.6 5.3 45.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

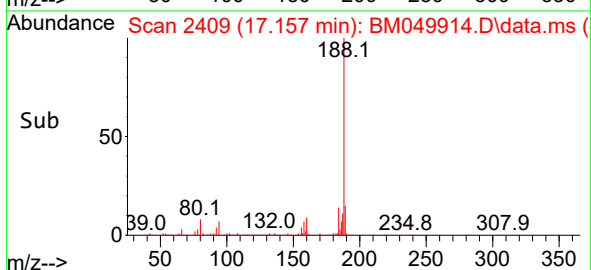
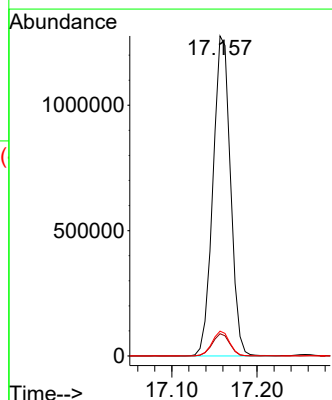
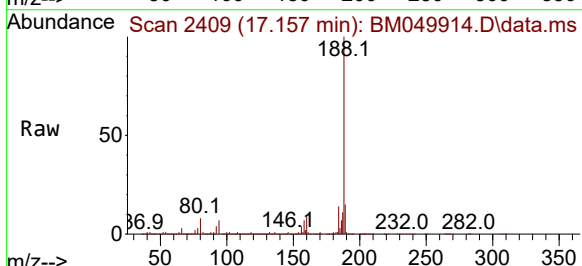
Tgt Ion:188 Resp: 1818288

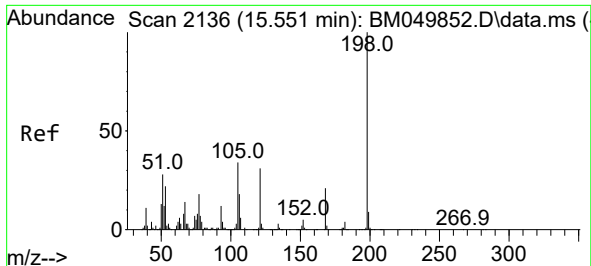
Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.6

80 7.8 6.4 9.6

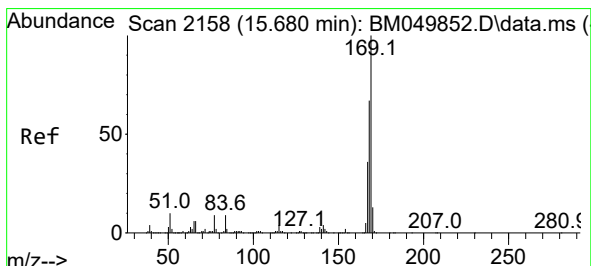
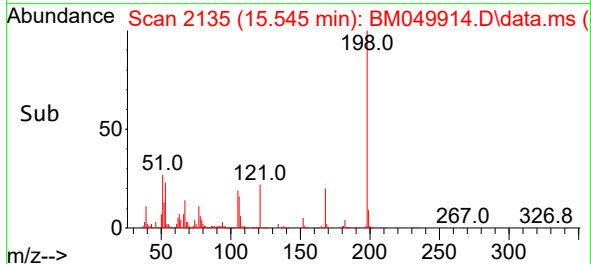
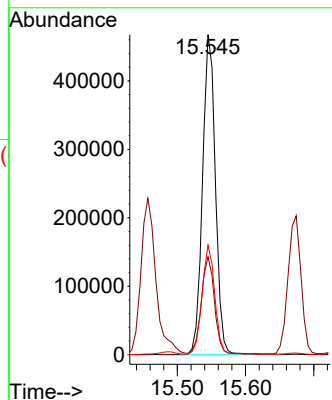
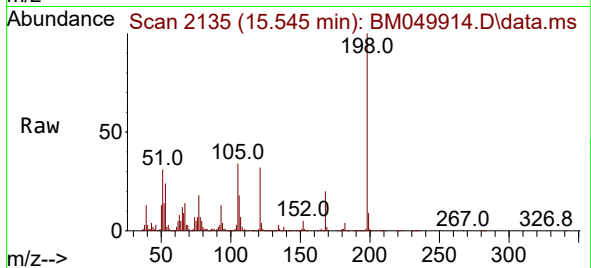




#65
4,6-Dinitro-2-methylphenol
Concen: 53.769 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

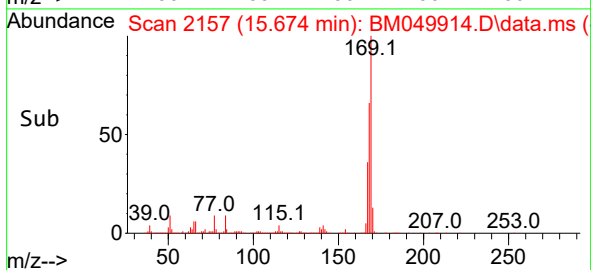
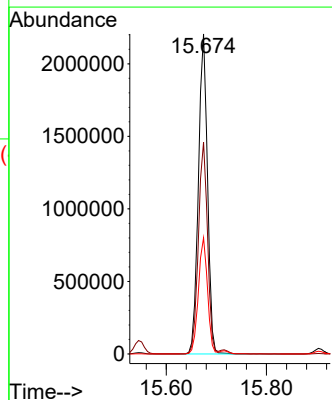
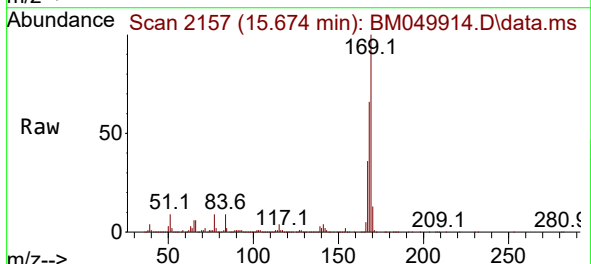
Instrument :
BNA_M
ClientSampleId :
TP-9MS

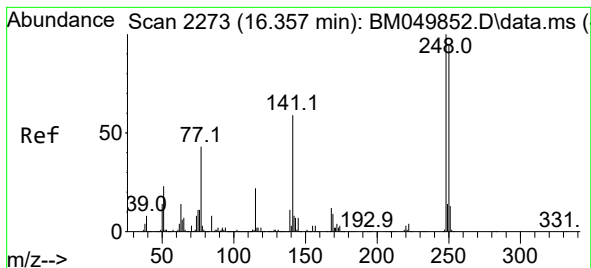
Tgt Ion:198 Resp: 616086
Ion Ratio Lower Upper
198 100
51 30.6 9.6 49.6
105 34.2 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 50.795 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:169 Resp: 2763994
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.2
167 36.3 29.0 43.6

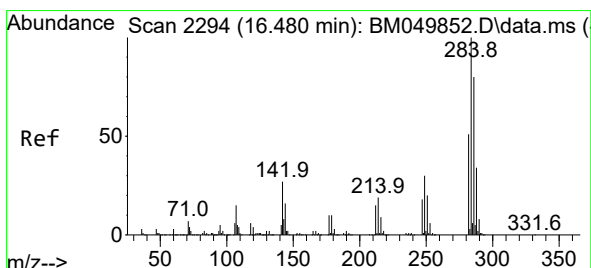
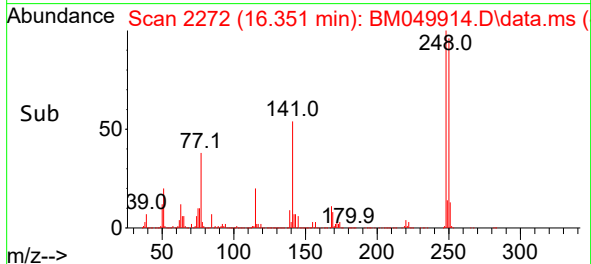
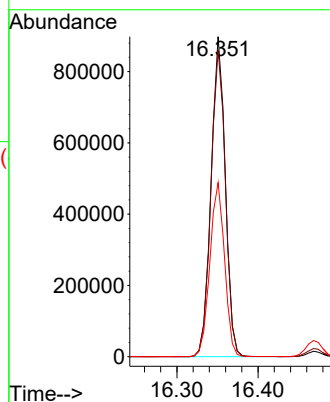
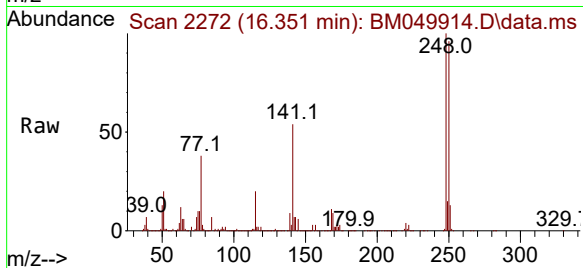




#67
4-Bromophenyl-phenylether
Concen: 51.713 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

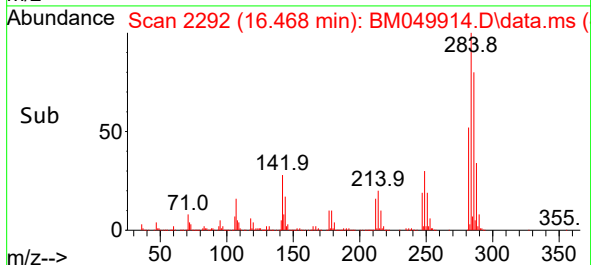
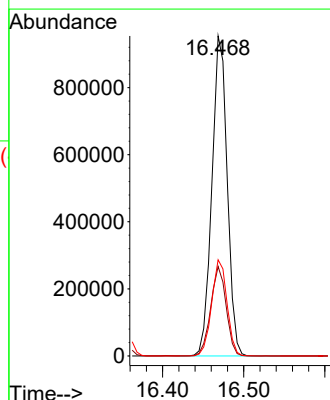
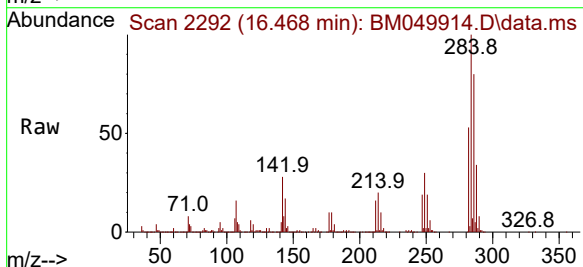
Instrument :
BNA_M
ClientSampleId :
TP-9MS

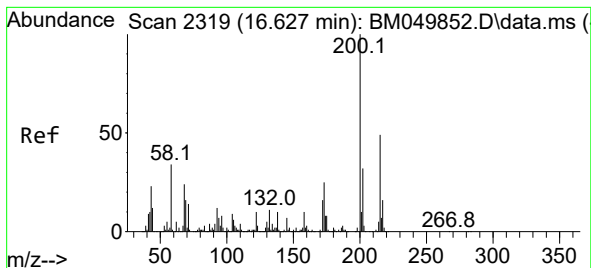
Tgt Ion:248 Resp: 1091557
Ion Ratio Lower Upper
248 100
250 95.9 76.2 114.2
141 54.4 47.3 70.9



#68
Hexachlorobenzene
Concen: 51.522 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.012 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:284 Resp: 1247434
Ion Ratio Lower Upper
284 100
142 27.9 21.2 31.8
249 30.0 24.1 36.1





#69

Atrazine

Concen: 71.230 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

Instrument :

BNA_M

ClientSampleId :

TP-9MS

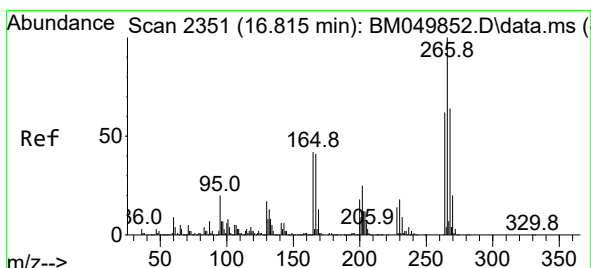
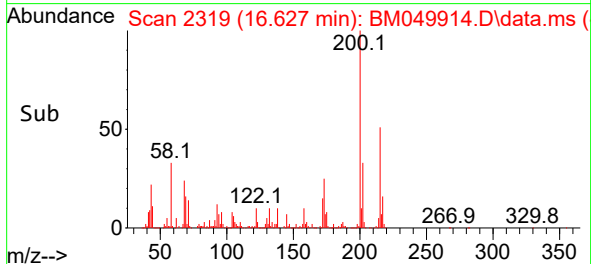
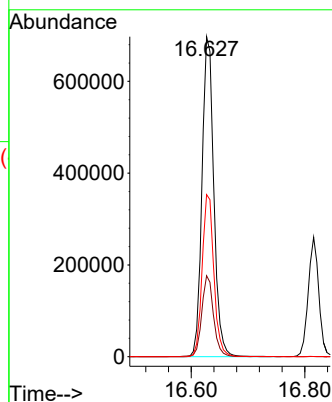
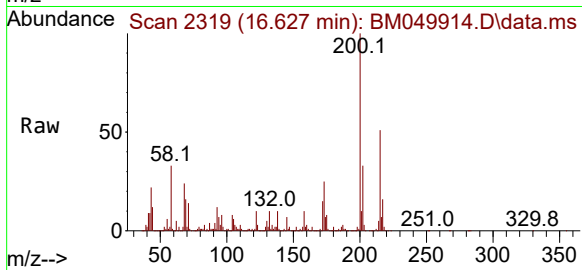
Tgt Ion:200 Resp: 1004962

Ion Ratio Lower Upper

200 100

173 25.3 5.4 45.4

215 50.6 29.0 69.0



#70

Pentachlorophenol

Concen: 105.499 ng

RT: 16.815 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

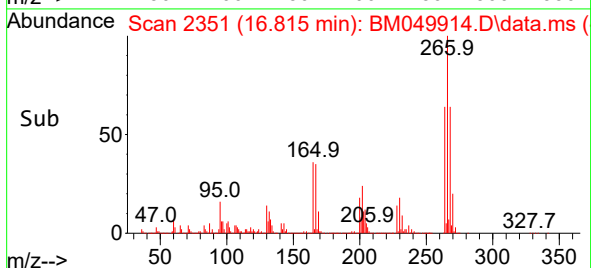
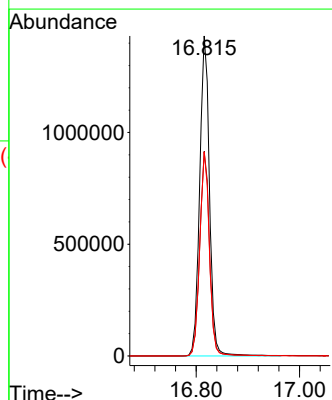
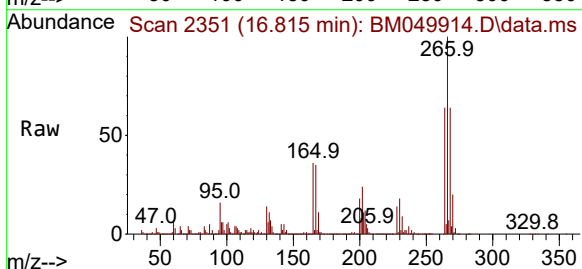
Tgt Ion:266 Resp: 1880517

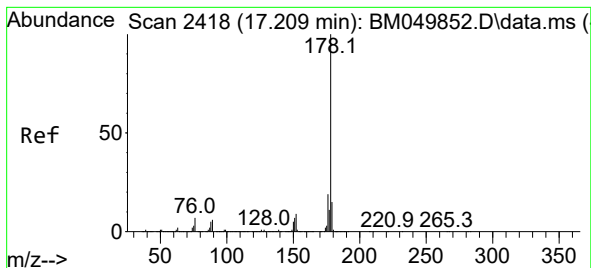
Ion Ratio Lower Upper

266 100

268 64.0 51.4 77.2

264 63.8 49.8 74.8





#71

Phenanthrene

Concen: 51.780 ng

RT: 17.204 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

Instrument :

BNA_M

ClientSampleId :

TP-9MS

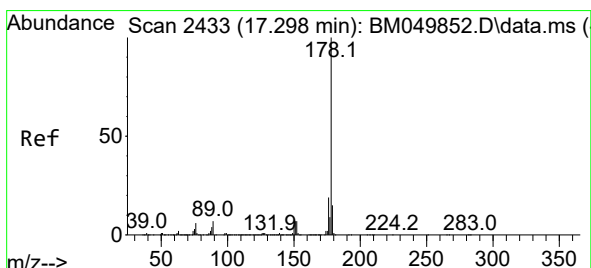
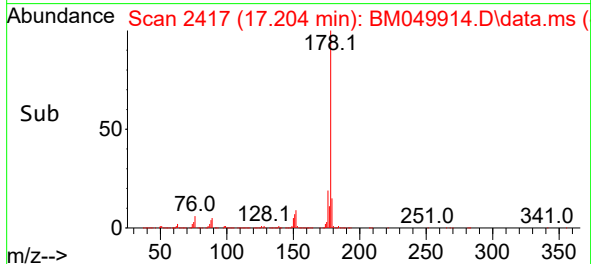
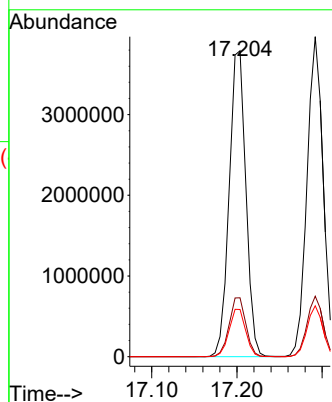
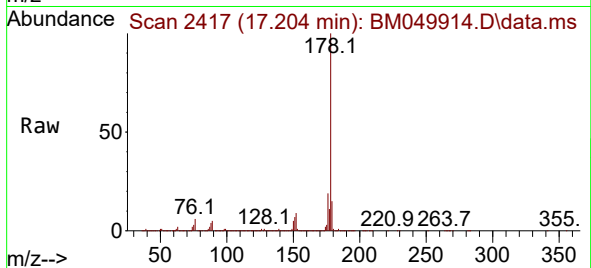
Tgt Ion:178 Resp: 5161688

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.4 12.3 18.5



#72

Anthracene

Concen: 53.098 ng

RT: 17.292 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

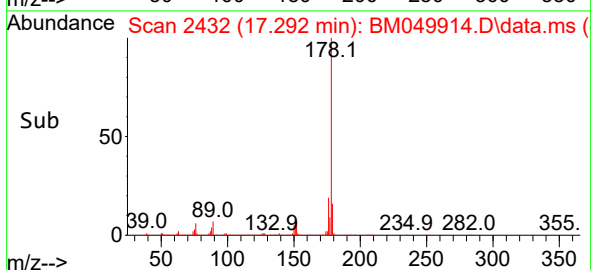
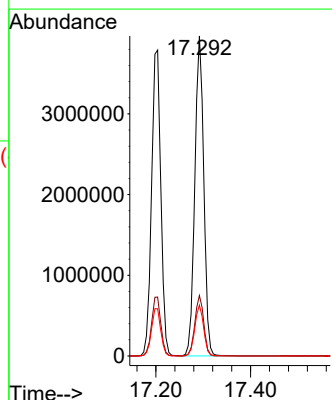
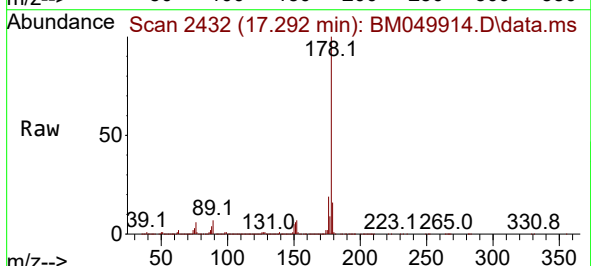
Tgt Ion:178 Resp: 5216306

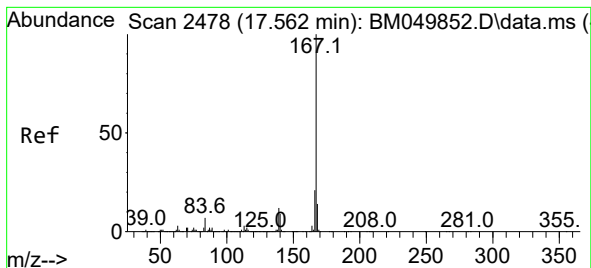
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.9 12.4 18.6





#73

Carbazole

Concen: 52.748 ng

RT: 17.562 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

Instrument :

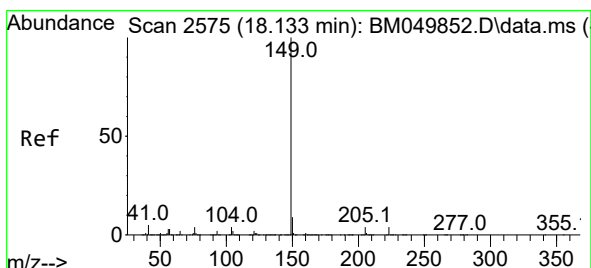
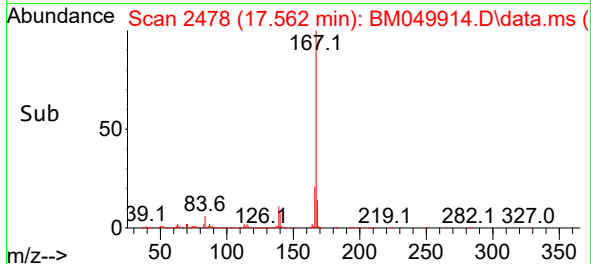
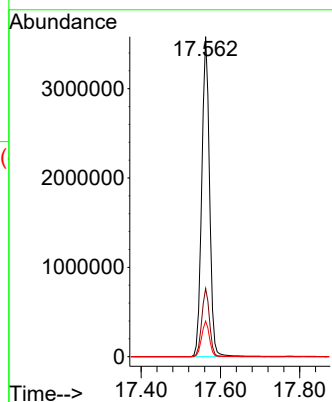
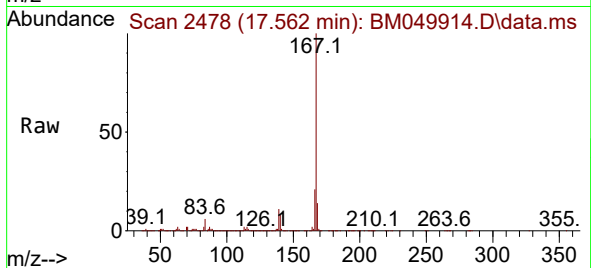
BNA_M

ClientSampleId :

TP-9MS

Tgt Ion:167 Resp: 4880684

Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.9	25.3
139	11.1	9.3	13.9



#74

Di-n-butylphthalate

Concen: 52.099 ng

RT: 18.127 min Scan# 2574

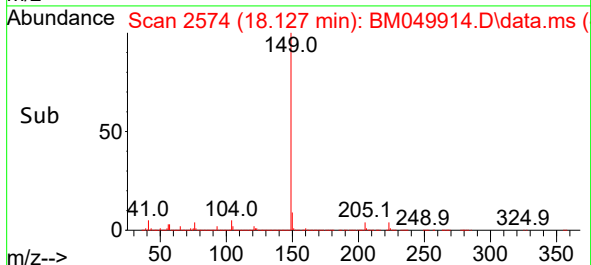
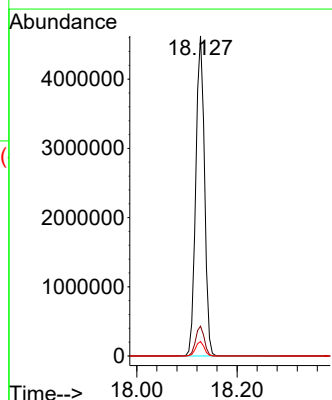
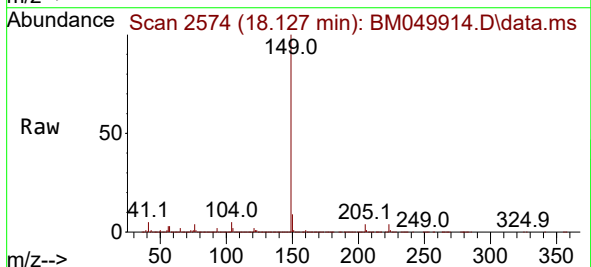
Delta R.T. -0.006 min

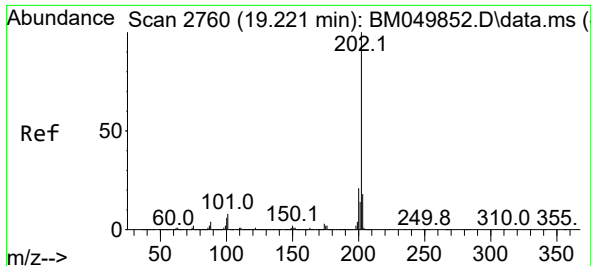
Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

Tgt Ion:149 Resp: 5552401

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.5	3.5	5.3

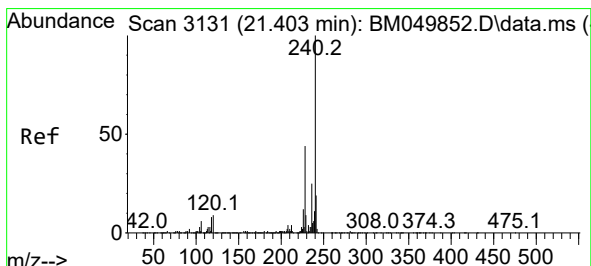
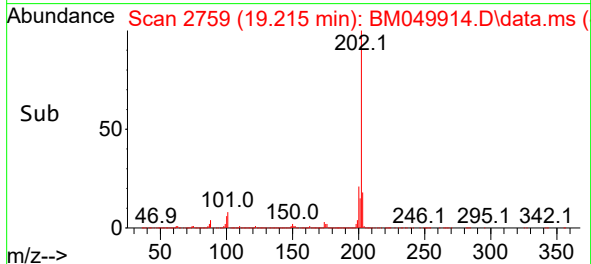
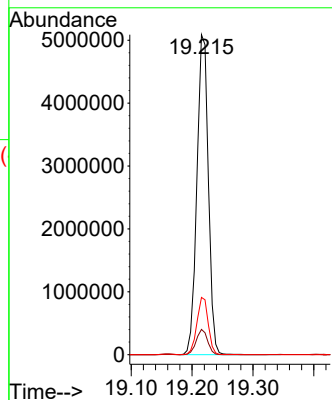
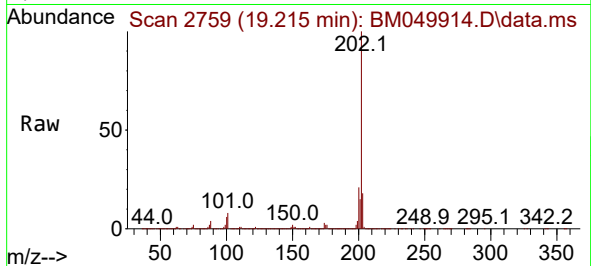




#75
Fluoranthene
Concen: 54.203 ng
RT: 19.215 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

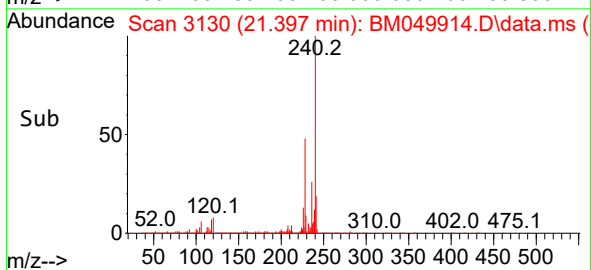
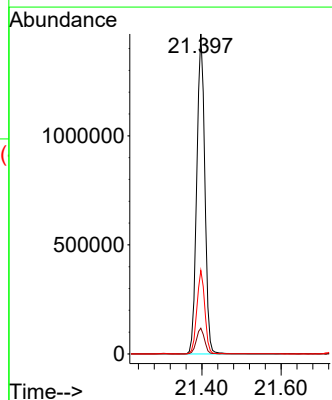
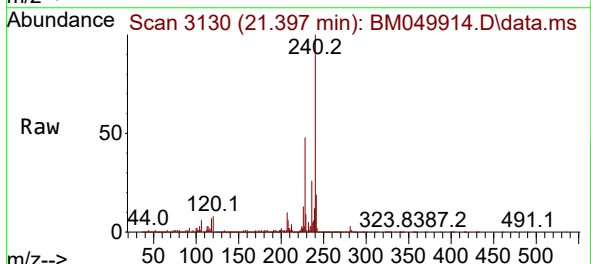
Instrument :
BNA_M
ClientSampleId :
TP-9MS

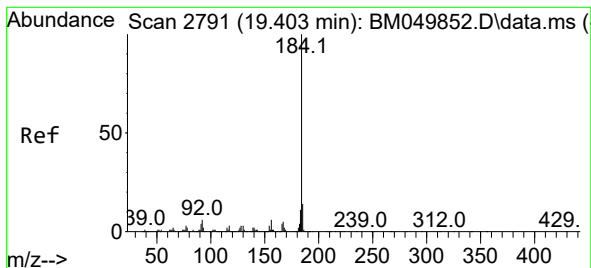
Tgt Ion:202 Resp: 6643573
Ion Ratio Lower Upper
202 100
101 7.9 0.0 28.4
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:240 Resp: 2066303
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 26.1 20.4 30.6





#77

Benzidine

Concen: 71.385 ng

RT: 19.403 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

Instrument :

BNA_M

ClientSampleId :

TP-9MS

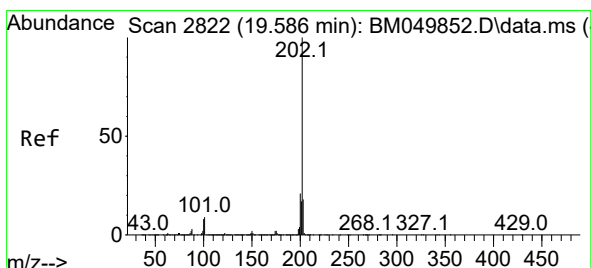
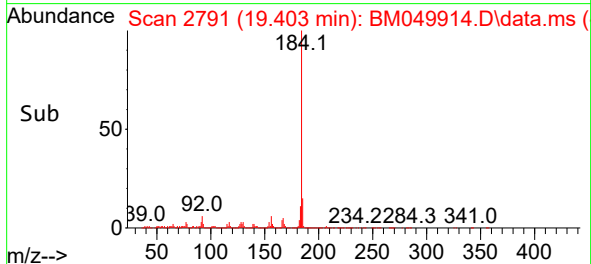
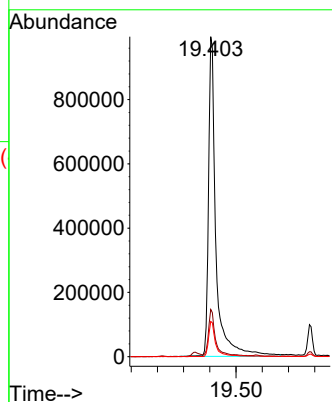
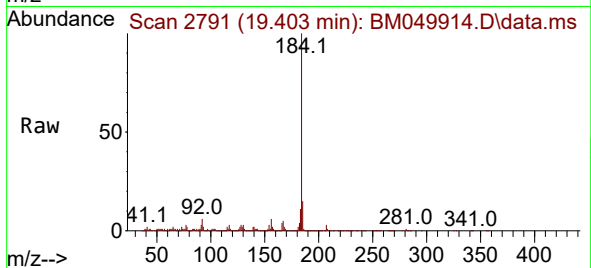
Tgt Ion:184 Resp: 1956838

Ion Ratio Lower Upper

184 100

185 14.8 11.4 17.2

183 11.0 8.8 13.2



#78

Pyrene

Concen: 48.197 ng

RT: 19.580 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

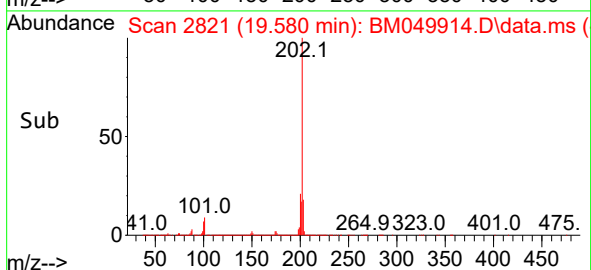
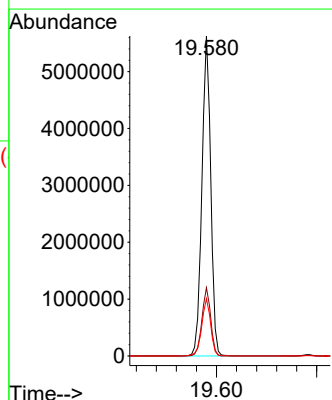
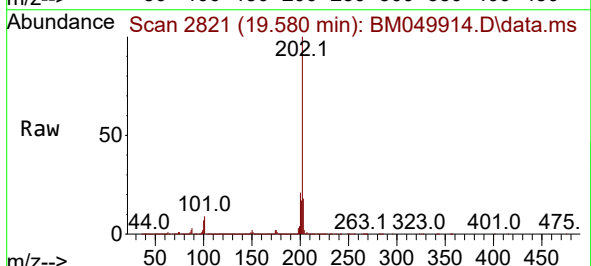
Tgt Ion:202 Resp: 6863548

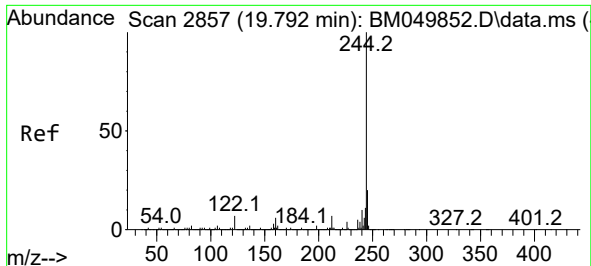
Ion Ratio Lower Upper

202 100

200 21.3 16.5 24.7

203 17.9 14.0 21.0

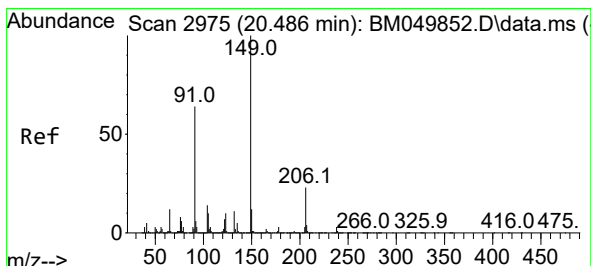
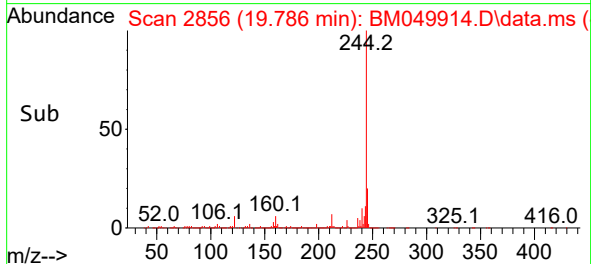
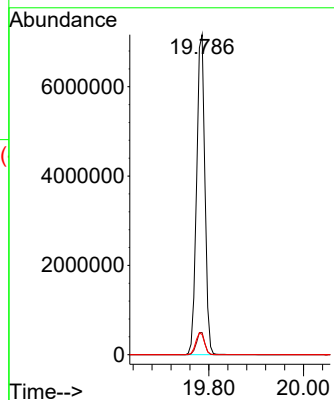
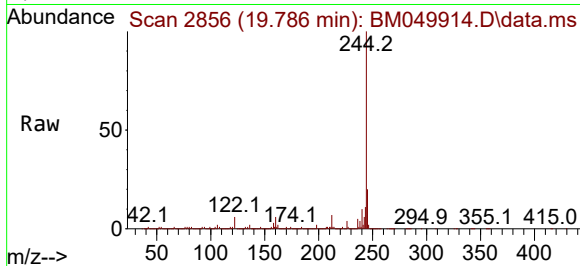




#79
 Terphenyl-d14
 Concen: 78.911 ng
 RT: 19.786 min Scan# 2856
 Delta R.T. -0.006 min
 Lab File: BM049914.D
 Acq: 14 Apr 2025 15:10

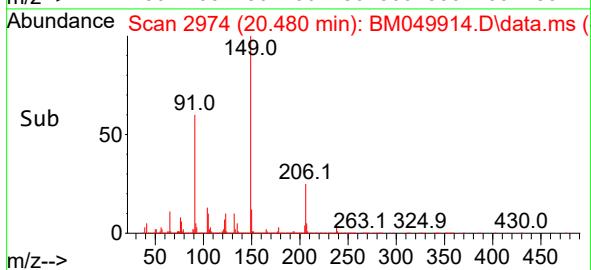
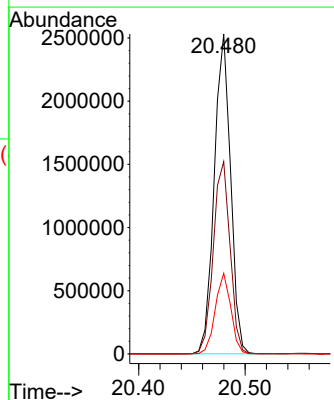
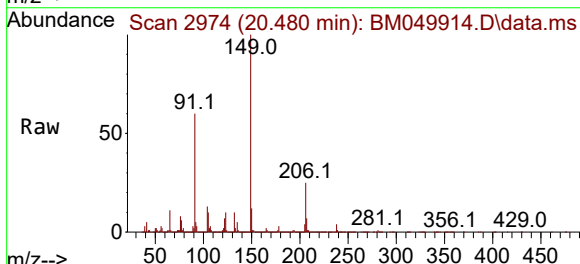
Instrument :
 BNA_M
 ClientSampleId :
 TP-9MS

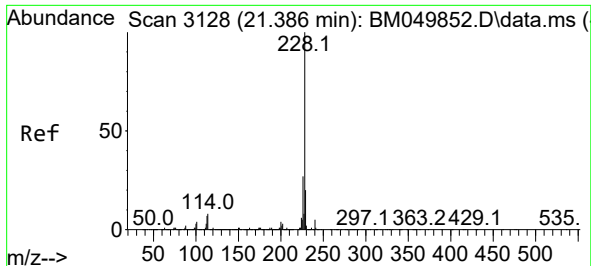
Tgt Ion:244 Resp: 8700612
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 6.3 5.4 8.0



#80
 Butylbenzylphthalate
 Concen: 50.222 ng
 RT: 20.480 min Scan# 2974
 Delta R.T. -0.006 min
 Lab File: BM049914.D
 Acq: 14 Apr 2025 15:10

Tgt Ion:149 Resp: 2687362
 Ion Ratio Lower Upper
 149 100
 91 60.1 50.9 76.3
 206 25.2 18.4 27.6

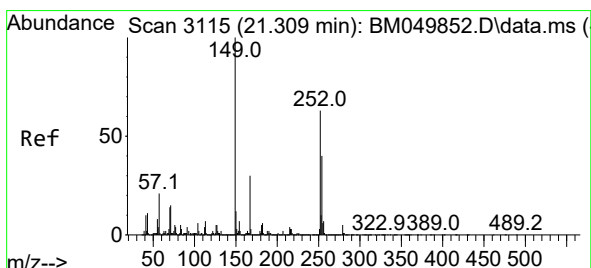
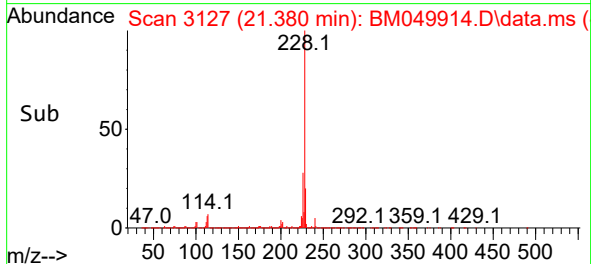
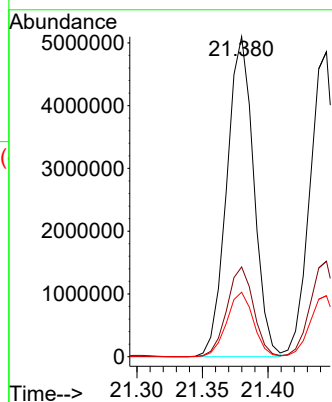
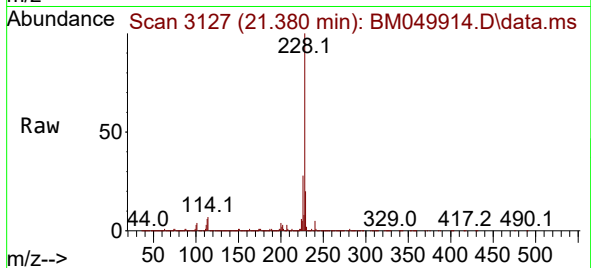




#81
Benzo(a)anthracene
Concen: 53.044 ng
RT: 21.380 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

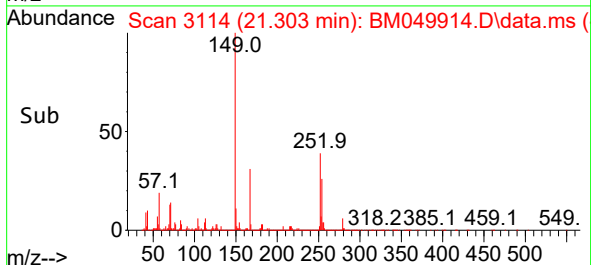
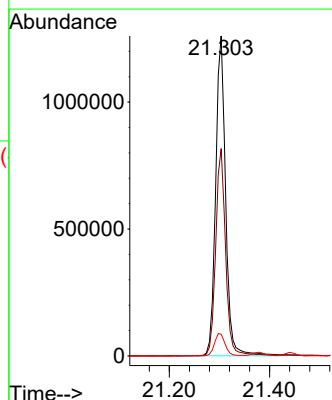
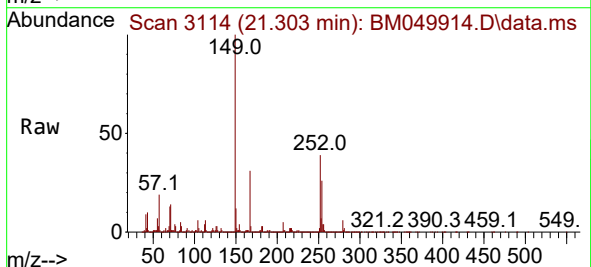
Instrument :
BNA_M
ClientSampleId :
TP-9MS

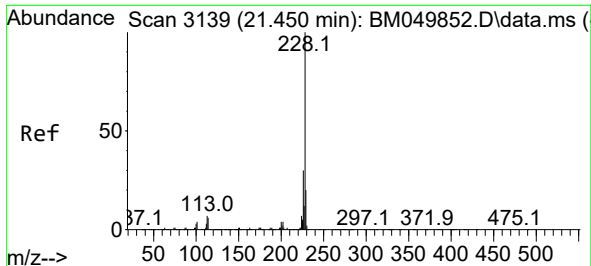
Tgt Ion:228 Resp: 7284244
Ion Ratio Lower Upper
228 100
226 28.0 21.8 32.8
229 20.2 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 33.543 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:252 Resp: 1739513
Ion Ratio Lower Upper
252 100
254 64.8 51.5 77.3
126 6.8 6.3 9.5





#83

Chrysene

Concen: 51.534 ng

RT: 21.445 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

Instrument :

BNA_M

ClientSampleId :

TP-9MS

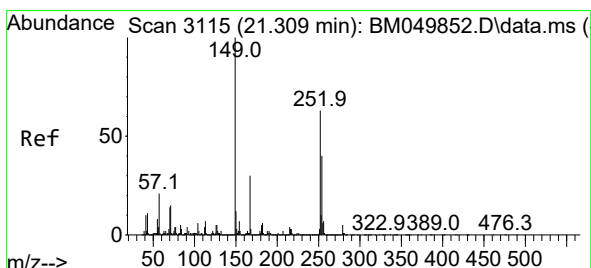
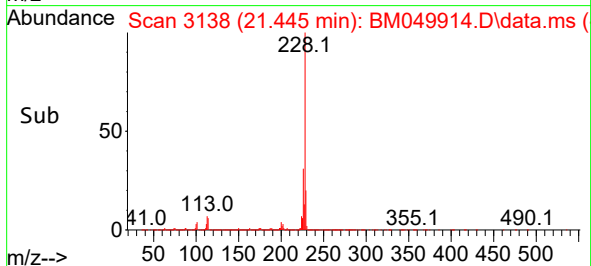
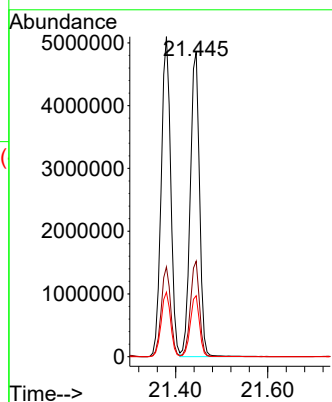
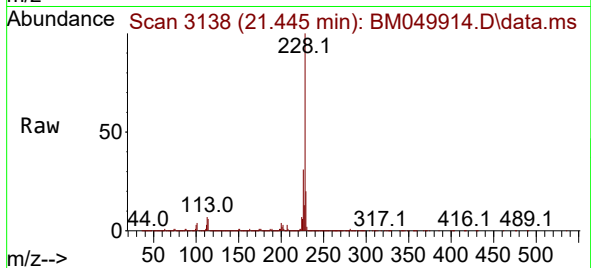
Tgt Ion:228 Resp: 6728156

Ion Ratio Lower Upper

228 100

226 31.3 24.1 36.1

229 20.0 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.825 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

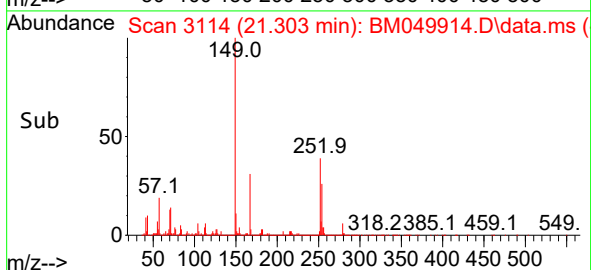
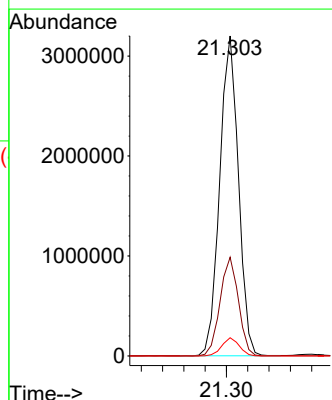
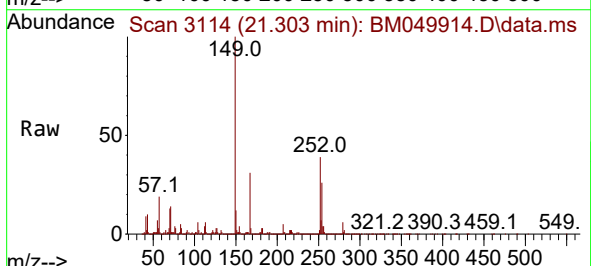
Tgt Ion:149 Resp: 3884406

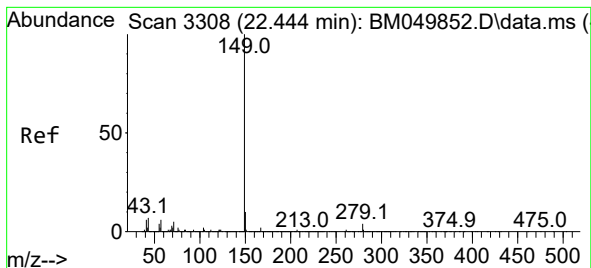
Ion Ratio Lower Upper

149 100

167 30.9 23.8 35.6

279 5.7 3.8 5.8

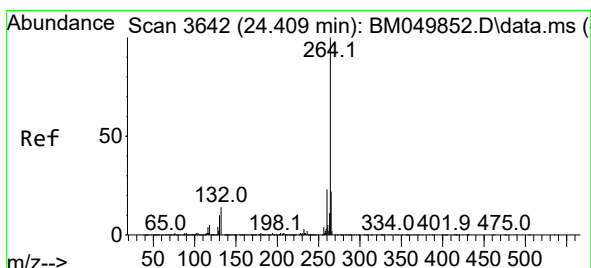
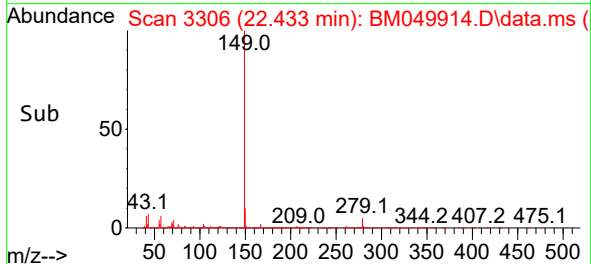
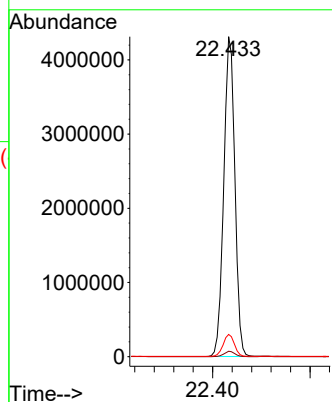
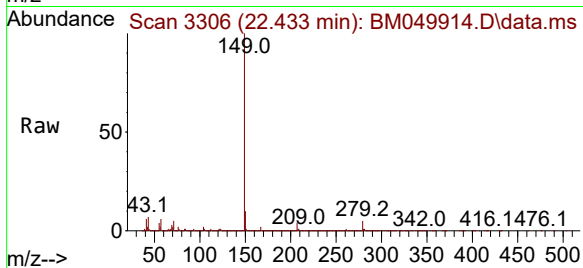




#85
Di-n-octyl phthalate
Concen: 50.379 ng
RT: 22.433 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

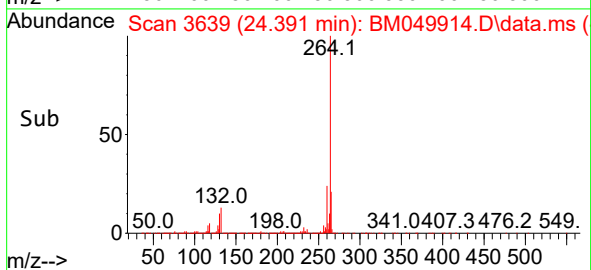
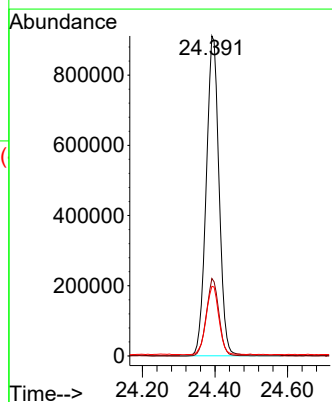
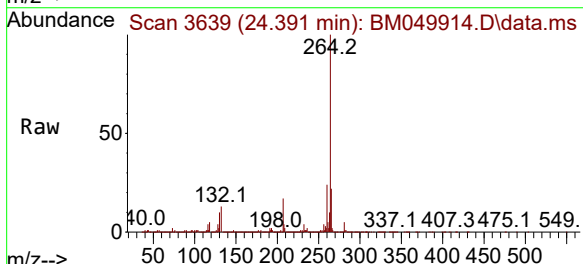
Instrument :
BNA_M
ClientSampleId :
TP-9MS

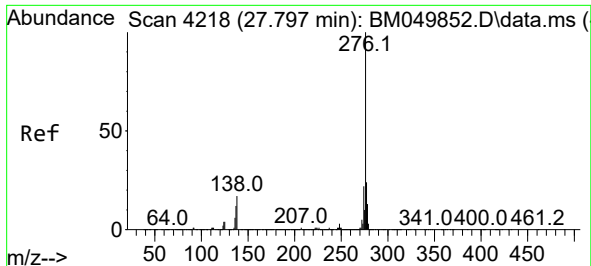
Tgt Ion:149 Resp: 6871053
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 6.9 5.8 8.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.391 min Scan# 3639
Delta R.T. -0.018 min
Lab File: BM049914.D
Acq: 14 Apr 2025 15:10

Tgt Ion:264 Resp: 2236159
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 21.7 17.8 26.8

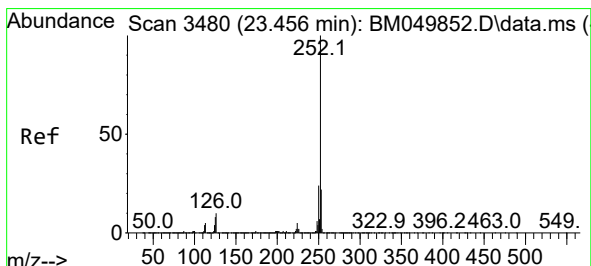
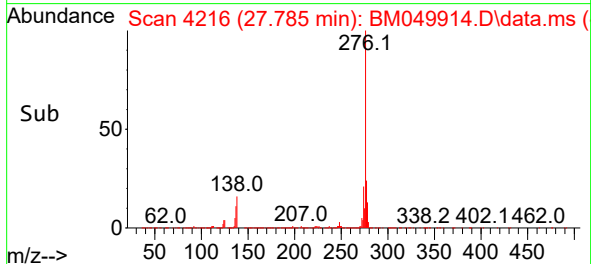
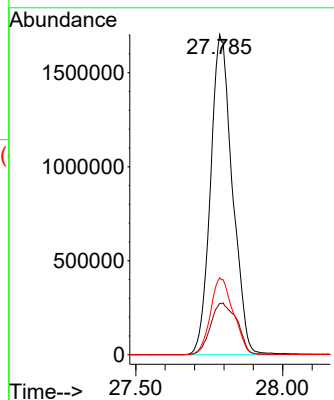
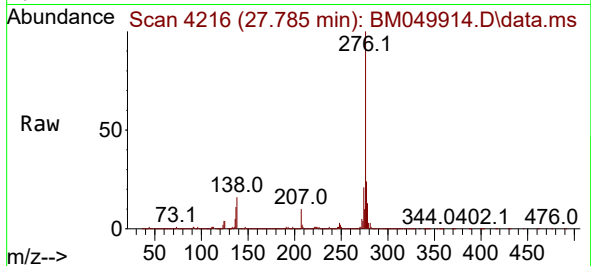




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.835 ng
 RT: 27.785 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BM049914.D
 Acq: 14 Apr 2025 15:10

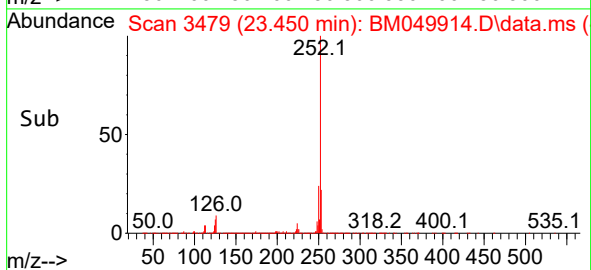
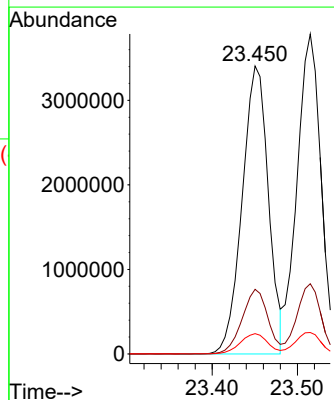
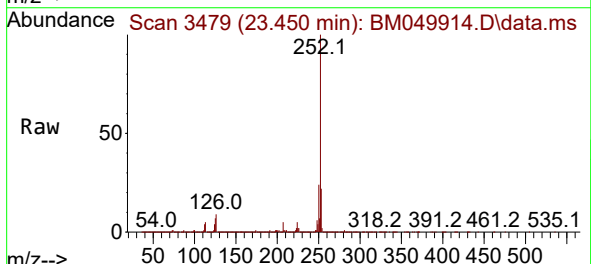
Instrument :
 BNA_M
 ClientSampleId :
 TP-9MS

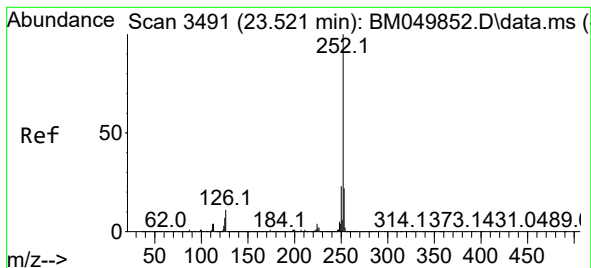
Tgt Ion:276 Resp: 8806936
 Ion Ratio Lower Upper
 276 100
 138 19.6 16.8 25.2
 277 25.1 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 50.902 ng
 RT: 23.450 min Scan# 3479
 Delta R.T. -0.006 min
 Lab File: BM049914.D
 Acq: 14 Apr 2025 15:10

Tgt Ion:252 Resp: 7269525
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.5 26.3
 125 7.1 6.2 9.4





#89

Benzo(k)fluoranthene

Concen: 53.462 ng

RT: 23.515 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

Instrument :

BNA_M

ClientSampleId :

TP-9MS

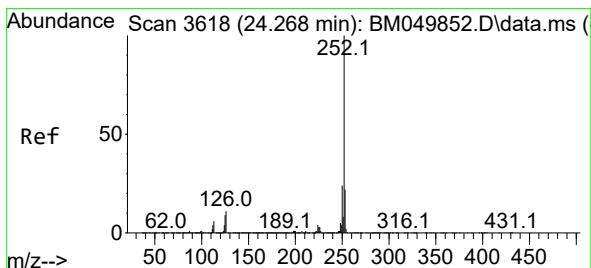
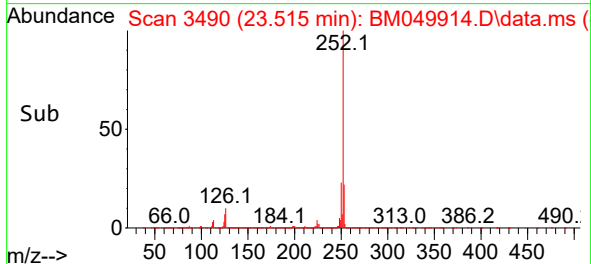
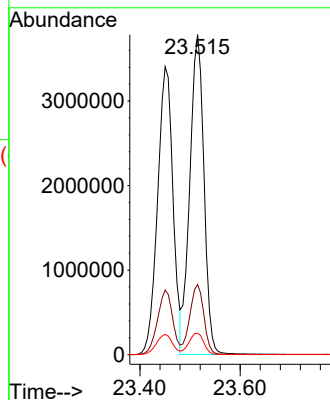
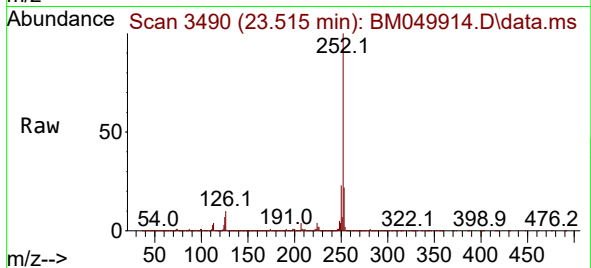
Tgt Ion:252 Resp: 7399050

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 6.7 5.8 8.8



#90

Benzo(a)pyrene

Concen: 56.232 ng

RT: 24.256 min Scan# 3616

Delta R.T. -0.012 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

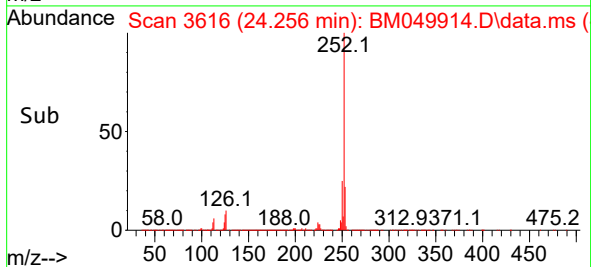
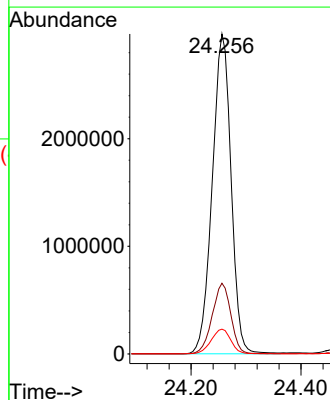
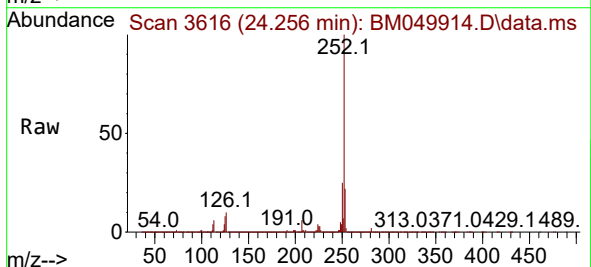
Tgt Ion:252 Resp: 7056939

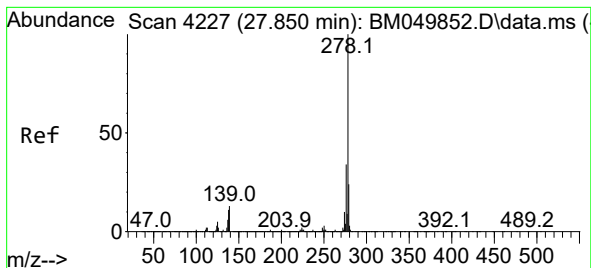
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 7.8 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 52.820 ng

RT: 27.838 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

Instrument :

BNA_M

ClientSampleId :

TP-9MS

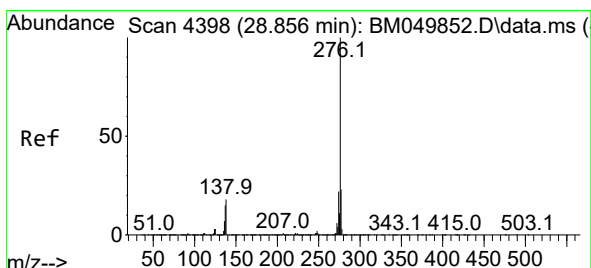
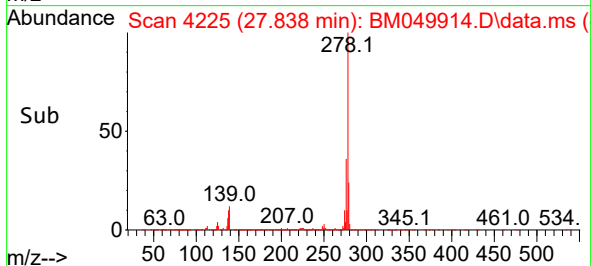
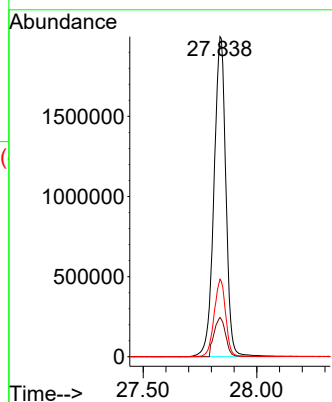
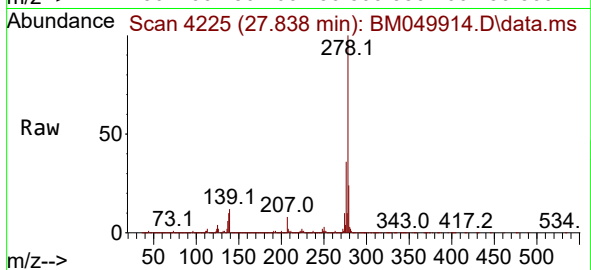
Tgt Ion:278 Resp: 7252037

Ion Ratio Lower Upper

278 100

139 12.3 10.6 15.8

279 24.2 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 48.822 ng

RT: 28.844 min Scan# 4396

Delta R.T. -0.012 min

Lab File: BM049914.D

Acq: 14 Apr 2025 15:10

Tgt Ion:276 Resp: 6849769

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 17.1 14.6 21.8

