

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042125\
 Data File : BM049978.D
 Acq On : 21 Apr 2025 09:57
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 21 11:35:28 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	440878	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1548209	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	988594	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1901939	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1473150	20.000	ng	0.00
86) Perylene-d12	24.403	264	1238102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1962494	75.587	ng	0.00
7) Phenol-d6	6.957	99	2574631	79.702	ng	0.00
23) Nitrobenzene-d5	8.928	82	2166809	77.935	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1142565	79.458	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5809785	79.690	ng	-0.01
79) Terphenyl-d14	19.786	244	7802165	99.254	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	379415	35.484	ng	100
3) Pyridine	3.657	79	1034565	36.826	ng	99
4) n-Nitrosodimethylamine	3.563	42	413931	38.717	ng	93
6) Aniline	7.098	93	1086456	39.251	ng	99
8) 2-Chlorophenol	7.340	128	1035855	38.931	ng	99
9) Benzaldehyde	6.910	77	797977	48.138	ng	98
10) Phenol	6.981	94	1241788	39.393	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	1006132	40.701	ng	100
12) 1,3-Dichlorobenzene	7.657	146	1198495	38.099	ng	98
13) 1,4-Dichlorobenzene	7.804	146	1202928	38.004	ng	100
14) 1,2-Dichlorobenzene	8.122	146	1145007	38.406	ng	100
15) Benzyl Alcohol	8.016	79	822572	40.438	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	1122984	40.757	ng	98
17) 2-Methylphenol	8.228	107	775568	39.924	ng	99
18) Hexachloroethane	8.845	117	413613	37.559	ng	95
19) n-Nitroso-di-n-propyla...	8.575	70	741144	41.425	ng	98
20) 3+4-Methylphenols	8.551	107	1071887	40.473	ng	99
22) Acetophenone	8.592	105	1448639	38.501	ng	# 99
24) Nitrobenzene	8.969	77	1044551	39.017	ng	98
25) Isophorone	9.498	82	1879545	40.355	ng	99
26) 2-Nitrophenol	9.681	139	585320	41.251	ng	99
27) 2,4-Dimethylphenol	9.751	122	655811	40.783	ng	98
28) bis(2-Chloroethoxy)met...	9.975	93	1246681	39.982	ng	99
29) 2,4-Dichlorophenol	10.228	162	1061916	39.727	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	1198438	38.756	ng	99
31) Naphthalene	10.610	128	3057481	38.433	ng	99
32) Benzoic acid	9.928	122	701995m	37.493	ng	
33) 4-Chloroaniline	10.728	127	1074162	38.238	ng	99
34) Hexachlorobutadiene	10.898	225	752399	39.335	ng	99
35) Caprolactam	11.527	113	289715	37.790	ng	96
36) 4-Chloro-3-methylphenol	11.875	107	937332	40.033	ng	99
37) 2-Methylnaphthalene	12.227	142	2252297	40.184	ng	99
38) 1-Methylnaphthalene	12.451	142	2175250	39.835	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1406249	40.660	ng	99
41) Hexachlorocyclopentadiene	12.580	237	403715	33.313	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	892469	40.552	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	954170	39.896	ng	99
46) 1,1'-Biphenyl	13.245	154	2876826	39.146	ng	100
47) 2-Chloronaphthalene	13.286	162	2227554	38.565	ng	99
48) 2-Nitroaniline	13.492	65	539642	40.384	ng	97
49) Acenaphthylene	14.133	152	3304518	39.275	ng	99
50) Dimethylphthalate	13.874	163	2744008	39.344	ng	99
51) 2,6-Dinitrotoluene	13.992	165	598148	40.935	ng	96
52) Acenaphthene	14.480	154	2075478	38.780	ng	100
53) 3-Nitroaniline	14.327	138	546763	38.715	ng	96
54) 2,4-Dinitrophenol	14.539	184	336932	36.190	ng	97
55) Dibenzofuran	14.816	168	3485459	38.958	ng	98
56) 4-Nitrophenol	14.668	139	428710	34.064	ng	99
57) 2,4-Dinitrotoluene	14.786	165	799030	40.989	ng	97
58) Fluorene	15.463	166	2743854	38.583	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.051	232	808102	38.551	ng	96
60) Diethylphthalate	15.233	149	2567987	38.395	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1526240	40.029	ng	98
62) 4-Nitroaniline	15.486	138	542297	37.131	ng	97
63) Azobenzene	15.751	77	2166520	37.835	ng	97
65) 4,6-Dinitro-2-methylph...	15.557	198	473013	39.467	ng	96
66) n-Nitrosodiphenylamine	15.674	169	2231054	39.198	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	911465	41.282	ng	96
68) Hexachlorobenzene	16.474	284	1029683	40.658	ng	97
69) Atrazine	16.627	200	477044	32.325	ng	98
70) Pentachlorophenol	16.821	266	638493	34.245	ng	99
71) Phenanthrene	17.204	178	4007799	38.436	ng	100
72) Anthracene	17.292	178	3962642	38.563	ng	100
73) Carbazole	17.568	167	3558113	36.763	ng	99
74) Di-n-butylphthalate	18.121	149	4162559	37.340	ng	100
75) Fluoranthene	19.221	202	4763746	37.157	ng	98
77) Benzidine	19.403	184	764189	39.102	ng	99
78) Pyrene	19.580	202	4815851	47.434	ng	99
80) Butylbenzylphthalate	20.480	149	1622563	42.532	ng	96
81) Benzo(a)anthracene	21.386	228	3835915	39.180	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1255505	33.957	ng	99
83) Chrysene	21.445	228	3528251	37.906	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	2165959	38.969	ng	98
85) Di-n-octyl phthalate	22.433	149	3334041	34.288	ng	100
87) Indeno(1,2,3-cd)pyrene	27.803	276	3262232	35.348	ng	99
88) Benzo(b)fluoranthene	23.456	252	3224711	40.782	ng	99
89) Benzo(k)fluoranthene	23.521	252	3076084	40.143	ng	100
90) Benzo(a)pyrene	24.262	252	2698980	38.843	ng	99
91) Dibenzo(a,h)anthracene	27.850	278	2683131	35.296	ng	99
92) Benzo(g,h,i)perylene	28.856	276	2682521	34.533	ng	99

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

BNA M

ClientSampleId :
SSTDCCC040

Abundance

TIC: BM049978.D\data.ms

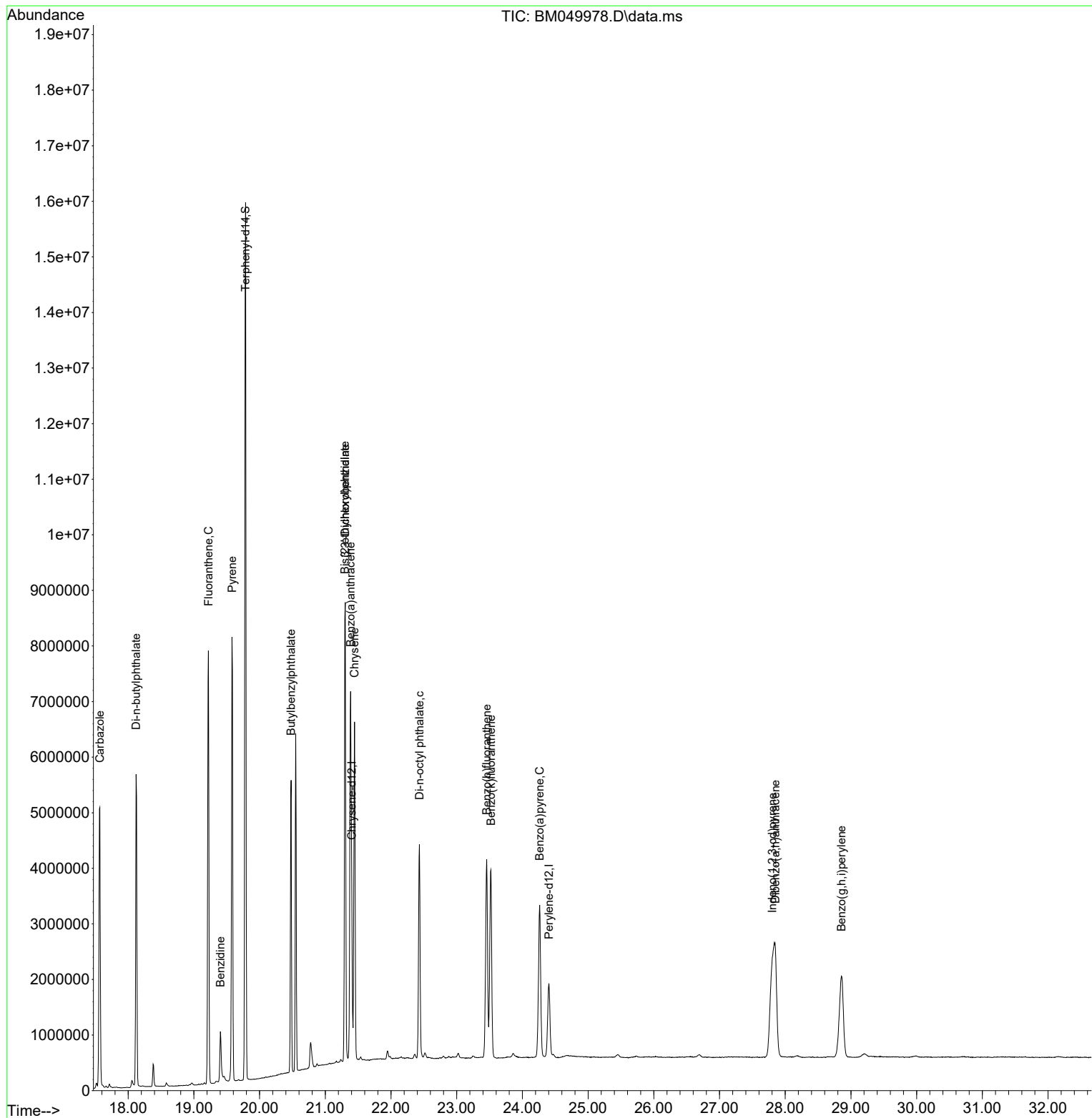
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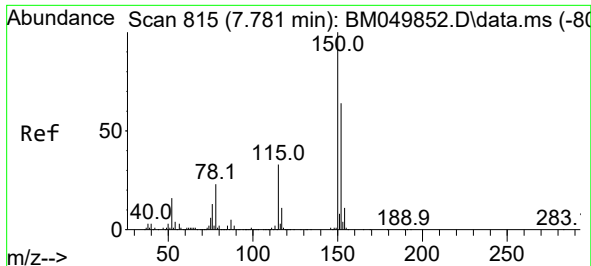
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n-Nitrosodiphenylamine,
2-Fluorophenol, S
Phenol-d6, S
Bis(2-chloroethyl)ether
2-Chlorophenol,
1,3-Dichlorobenzene
1,4-Dichlorobenzene, C
Benzyl Alcohol
2,2'-oxybis(1-methoxypropane)
3,4,4-trimethylpentan-2-one, P
Hexachloroethane
Nitrobenzene-d5, S
Isophorone
2-Nitrophenol
Benzoin
2,4-Dichlorophenol, C
2,4-Dichlorobenzene
Naphthalene-d8, 1
Naphthalene
4-Chloroaniline
Hexachlorobutadiene, C
Caprolactam
4-Chloro-3-methylphenol, C
2-Methylnaphthalene
1-Methylnaphthalene
1,2,3,4-Tetrachlorobenzene
2,4,6-Trichlorophenol, C
2,4,6-Trichlorophenol, S
2-Chloronaphthalene
2-Nitroaniline
Dimethylphthalate
2,6-Dinitrotoluene
Acenaphthylene
3-Nitroaniline
Acenaphthene, C
2,4-Dinitrophenol, P
4-Nitrophenol, P
2,4-Dinitrotoluene
2,3,4,6-Tetrachlorophenol
Diethylphthalate
4,6-Dinitrophenol
Azobenzene
n-Nitrosodiphenylamine, c
2,4,6-Tribromophenol, S
4-Bromophenyl-phenylether
Hexachlorobenzene
Atrazine
Pentachlorophenol, C
Phenanthrene-d10, 1
Naphthalene
Carbazole
Di-n-butylphthalate

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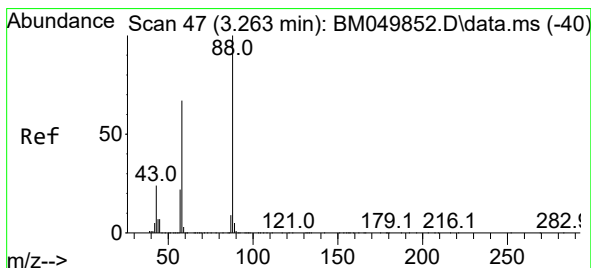
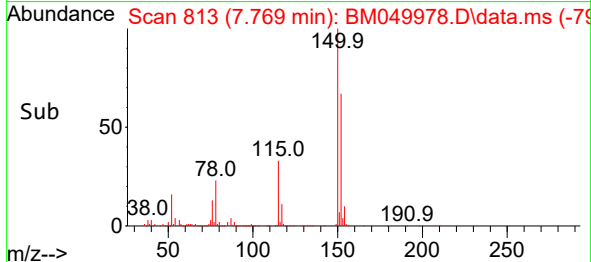
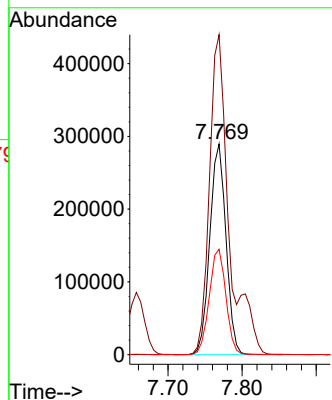
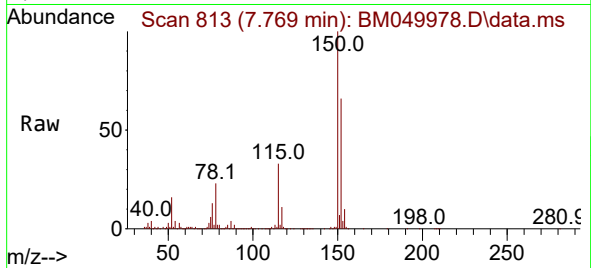




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM049978.D
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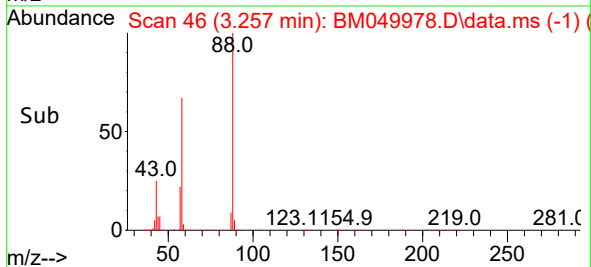
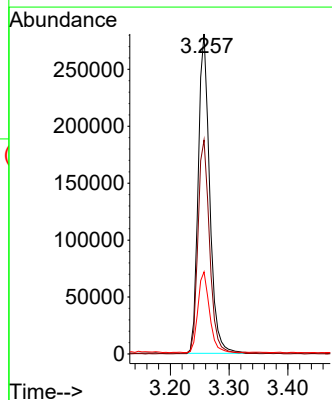
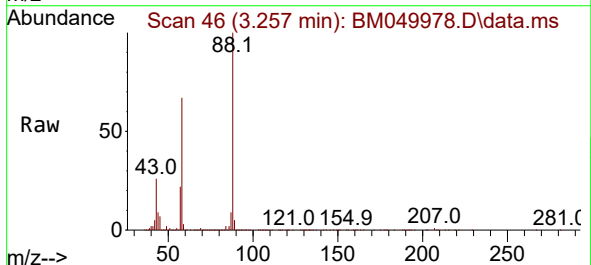
Instrument :
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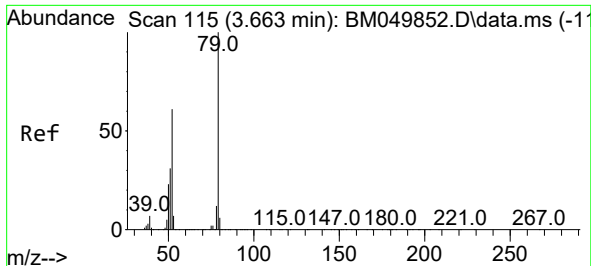
Tgt Ion:152 Resp: 440878
 Ion Ratio Lower Upper
 152 100
 150 151.9 124.3 186.5
 115 50.1 41.1 61.7



#2
 1,4-Dioxane
 Concen: 35.484 ng
 RT: 3.257 min Scan# 46
 Delta R.T. -0.006 min
 Lab File: BM049978.D
 Acq: 21 Apr 2025 09:57

Tgt Ion: 88 Resp: 379415
 Ion Ratio Lower Upper
 88 100
 58 68.0 54.1 81.1
 43 25.5 20.2 30.4



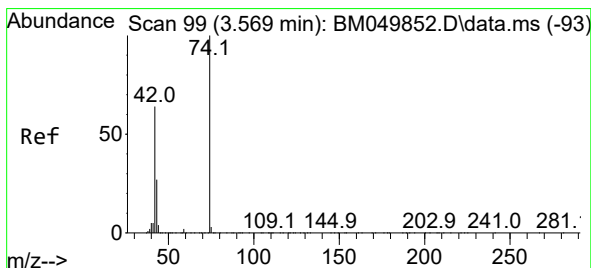
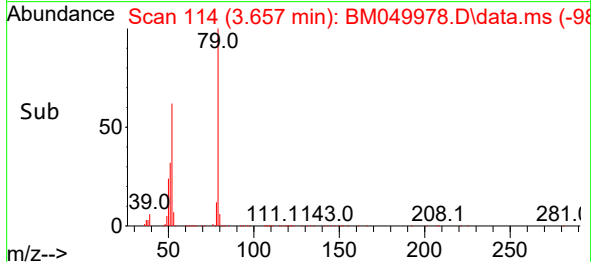
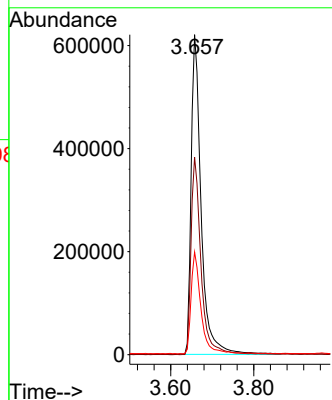
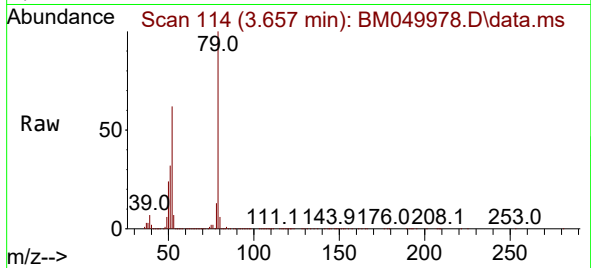


#3
 Pyridine
 Concen: 36.826 ng
 RT: 3.657 min Scan# 115
 Delta R.T. -0.006 min
 Lab File: BM049978.D
 Acq: 21 Apr 2025 09:57

Instrument :
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Tgt Ion: 79 Resp: 1034565

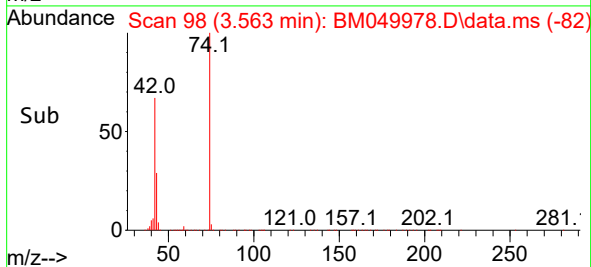
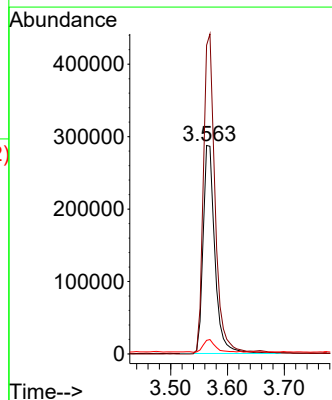
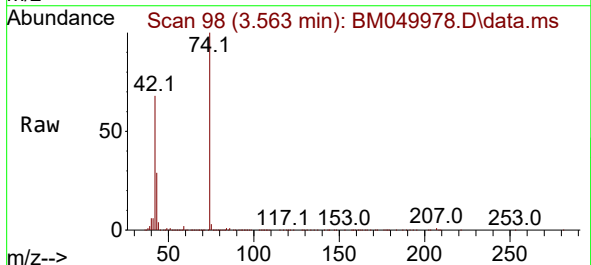
Ion	Ratio	Lower	Upper
79	100		
52	61.8	48.9	73.3
51	32.1	25.0	37.6

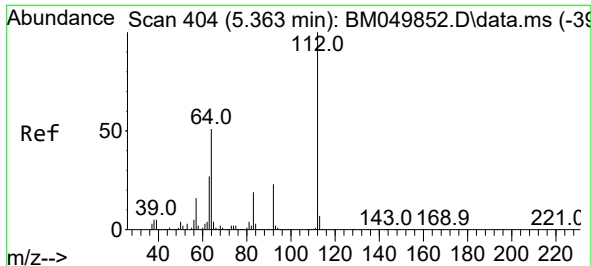


#4
 n-Nitrosodimethylamine
 Concen: 38.717 ng
 RT: 3.563 min Scan# 98
 Delta R.T. -0.006 min
 Lab File: BM049978.D
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Tgt Ion: 42 Resp: 413931

Ion	Ratio	Lower	Upper
42	100		
74	148.1	125.4	188.2
44	6.6	5.9	8.9

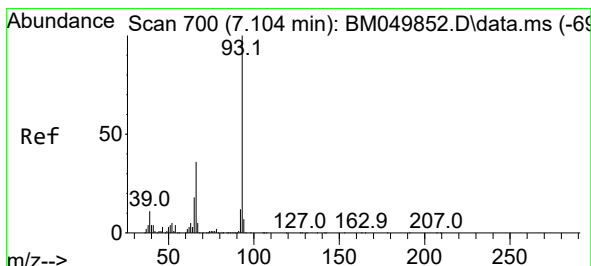
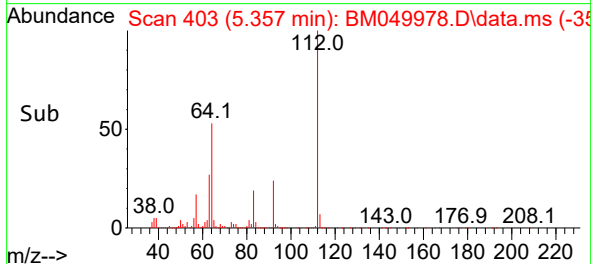
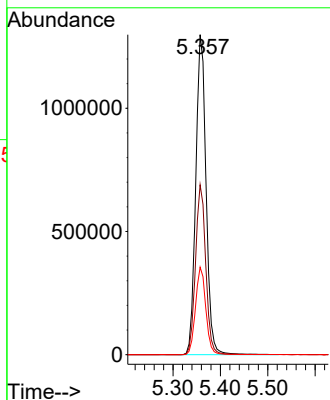
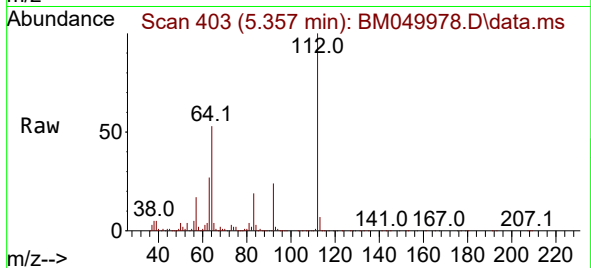




#5
2-Fluorophenol
Concen: 75.587 ng
RT: 5.357 min Scan# 404
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

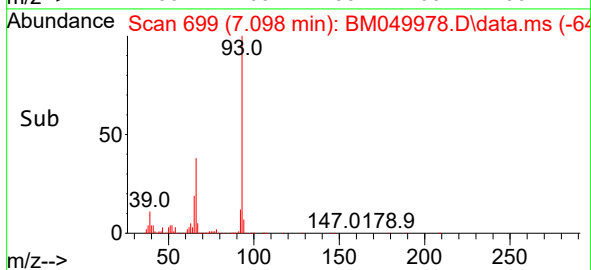
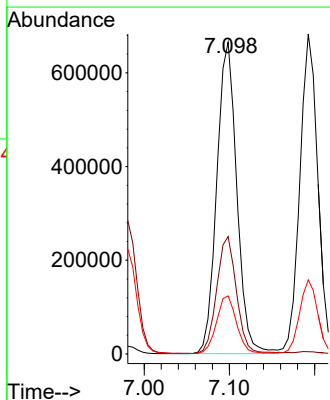
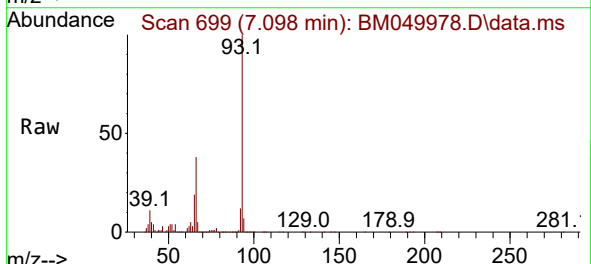
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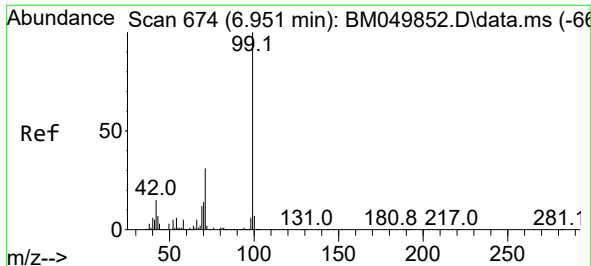
Tgt Ion:112 Resp: 1962494
Ion Ratio Lower Upper
112 100
64 53.1 41.0 61.6
63 27.4 21.5 32.3



#6
Aniline
Concen: 39.251 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion: 93 Resp: 1086456
Ion Ratio Lower Upper
93 100
66 37.7 29.1 43.7
65 18.6 14.9 22.3

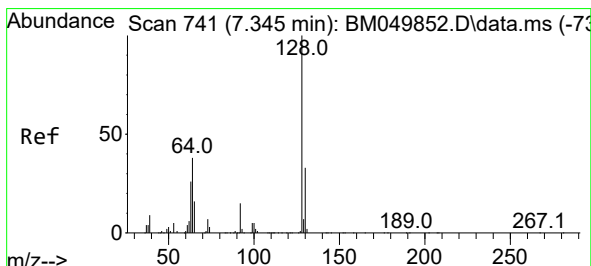
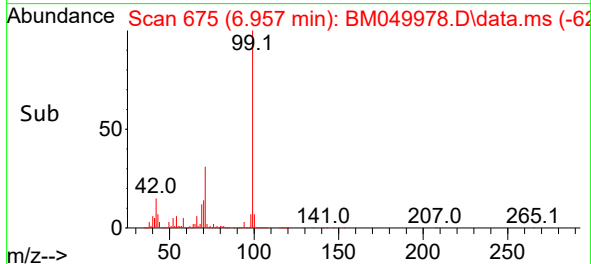
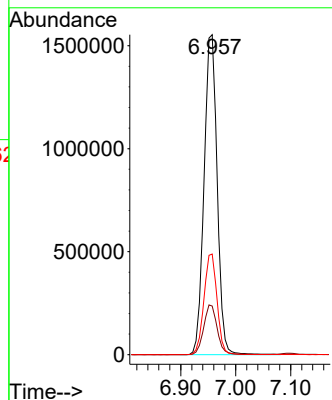
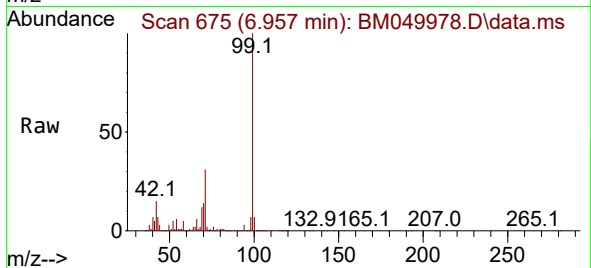




#7
Phenol-d6
Concen: 79.702 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

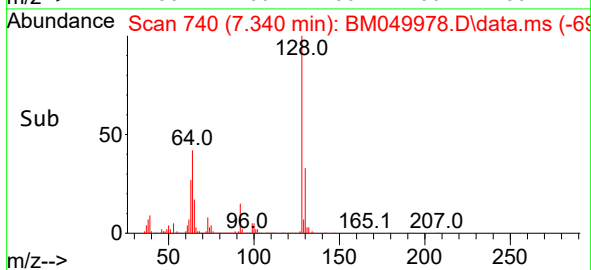
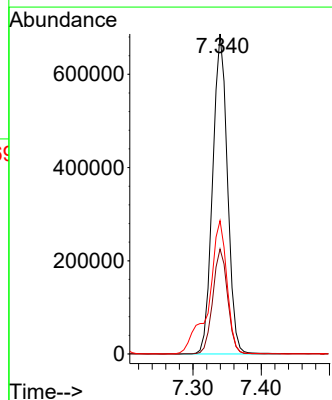
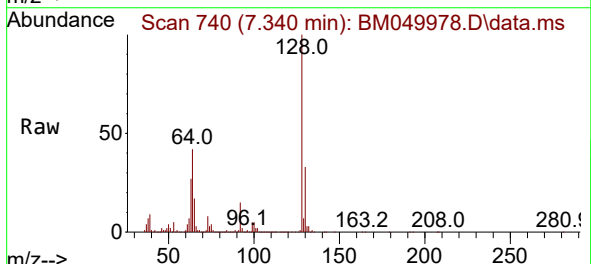
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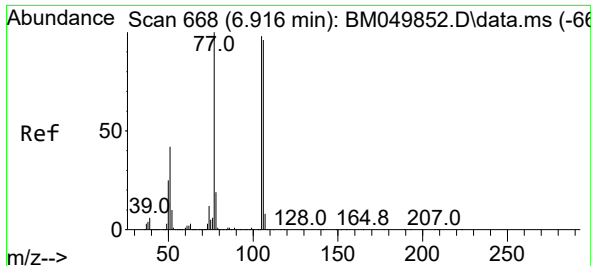
Tgt Ion: 99 Resp: 2574631
Ion Ratio Lower Upper
99 100
42 15.2 12.1 18.1
71 31.4 24.9 37.3



#8
2-Chlorophenol
Concen: 38.931 ng
RT: 7.340 min Scan# 740
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:128 Resp: 1035855
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 41.7 21.1 61.1

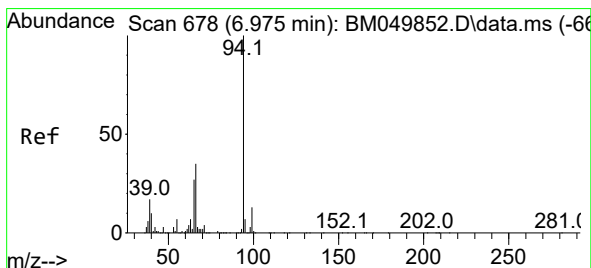
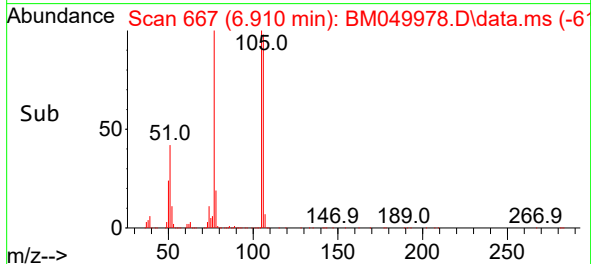
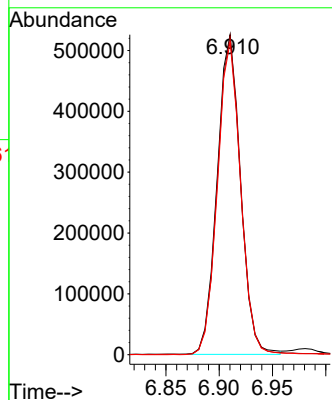
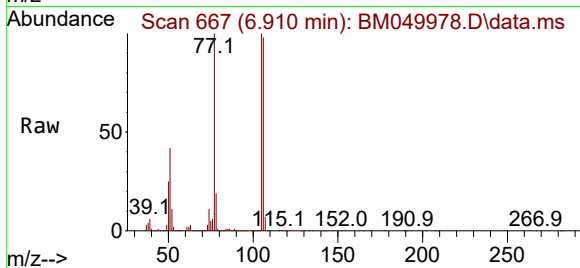




#9
Benzaldehyde
Concen: 48.138 ng
RT: 6.910 min Scan# 668
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

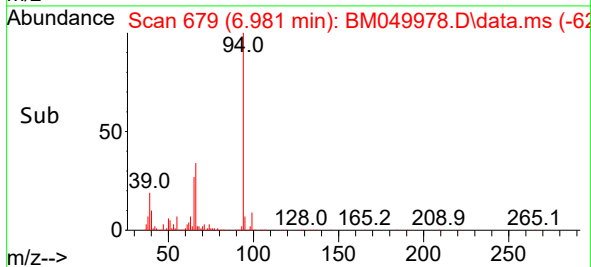
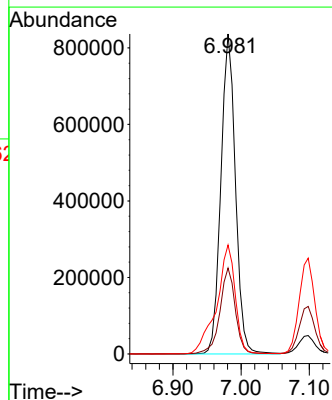
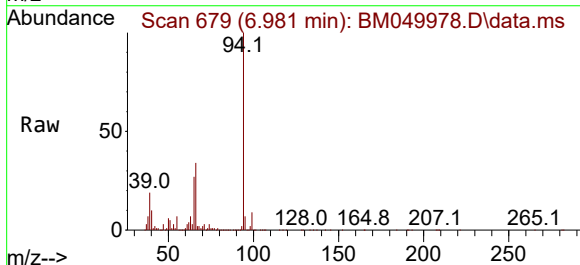
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

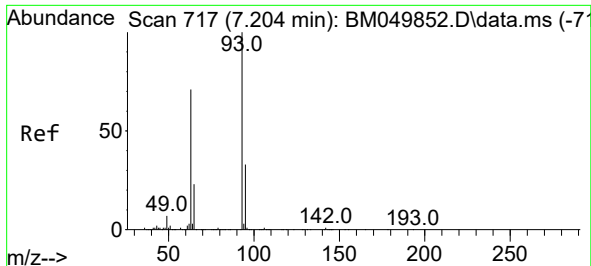
Tgt Ion: 77 Resp: 797977
Ion Ratio Lower Upper
77 100
105 99.7 78.3 118.3
106 97.7 76.0 116.0



#10
Phenol
Concen: 39.393 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion: 94 Resp: 1241788
Ion Ratio Lower Upper
94 100
65 26.8 7.3 47.3
66 34.0 14.8 54.8

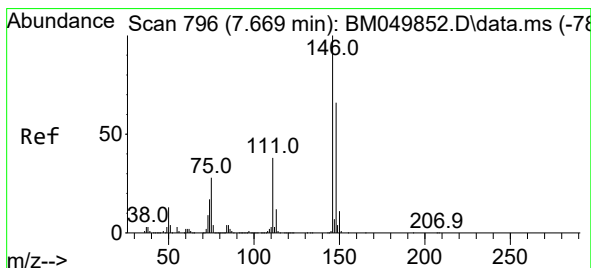
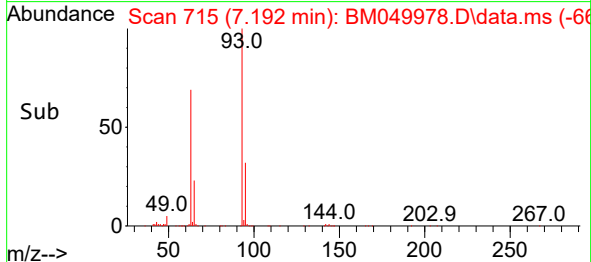
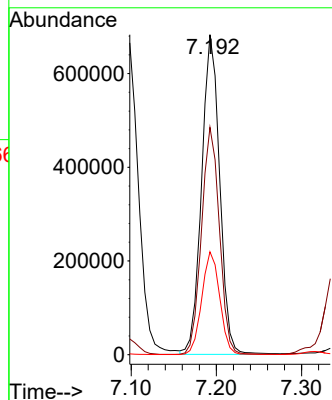
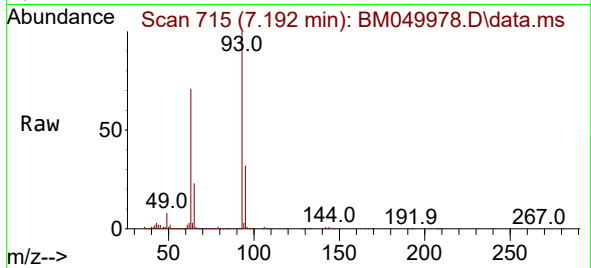




#11
bis(2-Chloroethyl)ether
Concen: 40.701 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.012 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

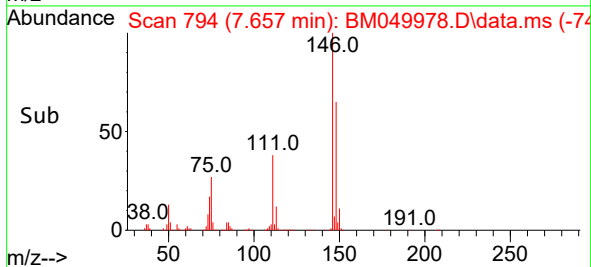
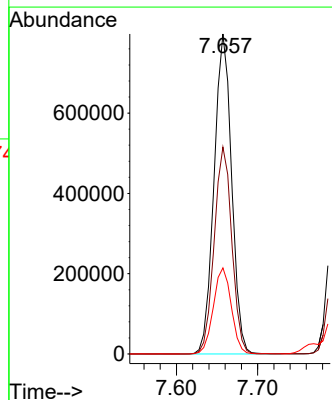
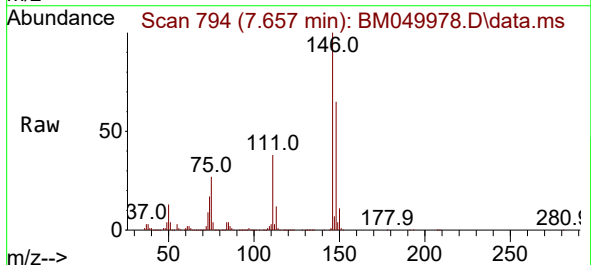
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

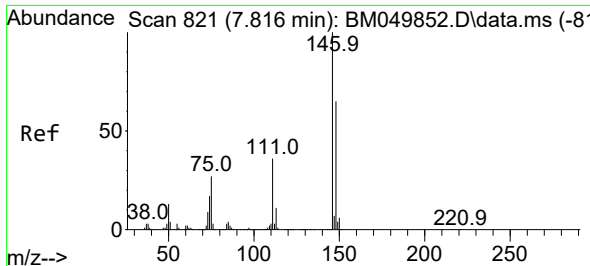
Tgt Ion: 93 Resp: 1006132
Ion Ratio Lower Upper
93 100
63 71.1 50.9 90.9
95 32.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 38.099 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.012 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:146 Resp: 1198495
Ion Ratio Lower Upper
146 100
148 64.7 52.5 78.7
75 26.9 22.5 33.7

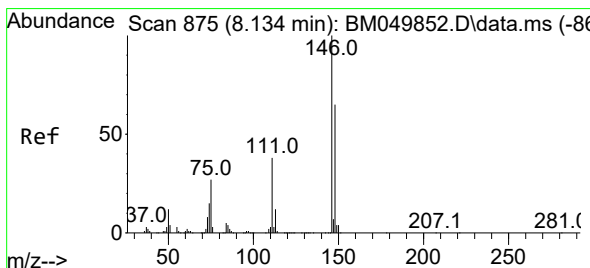
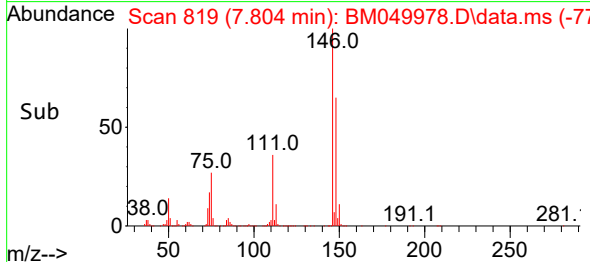
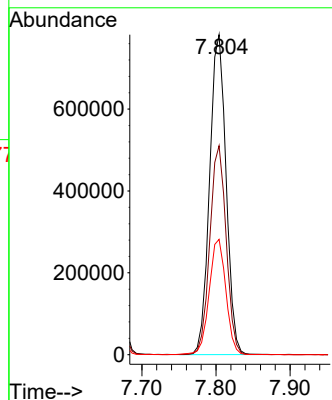
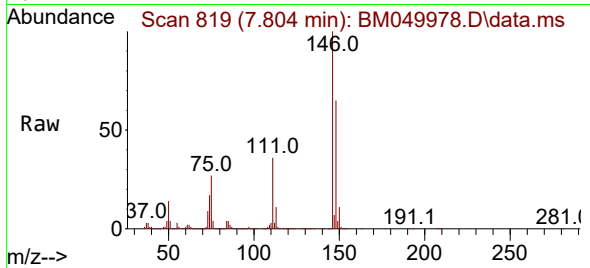




#13
1,4-Dichlorobenzene
Concen: 38.004 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.012 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

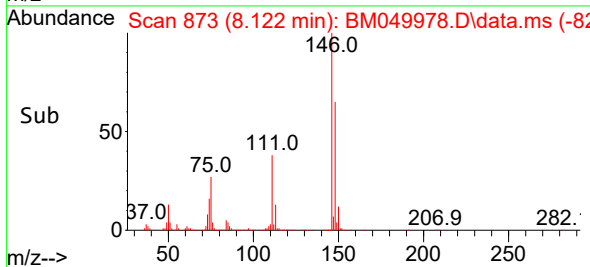
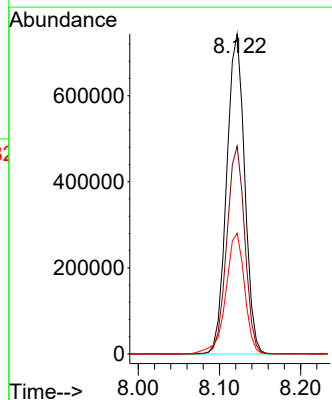
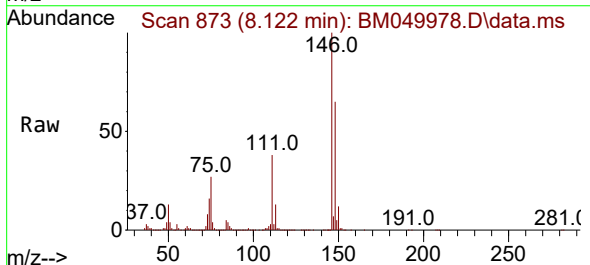
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

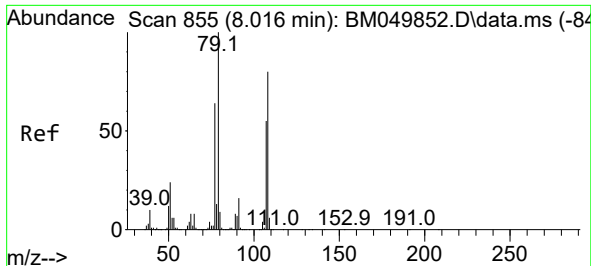
Tgt Ion:146 Resp: 1202928
Ion Ratio Lower Upper
146 100
148 65.3 52.4 78.6
111 36.0 28.5 42.7



#14
1,2-Dichlorobenzene
Concen: 38.406 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.012 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:146 Resp: 1145007
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
111 37.8 30.2 45.4

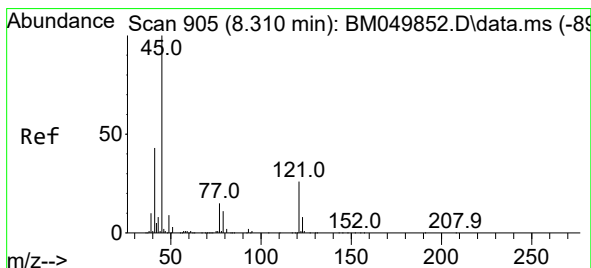
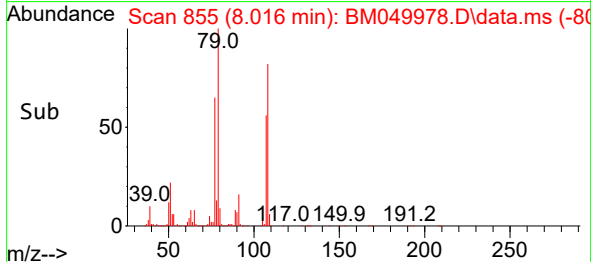
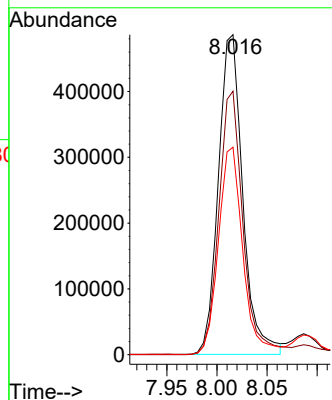
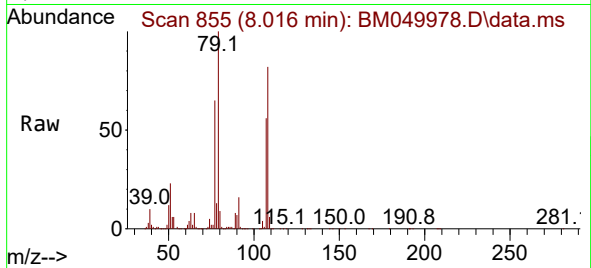




#15
Benzyl Alcohol
Concen: 40.438 ng
RT: 8.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

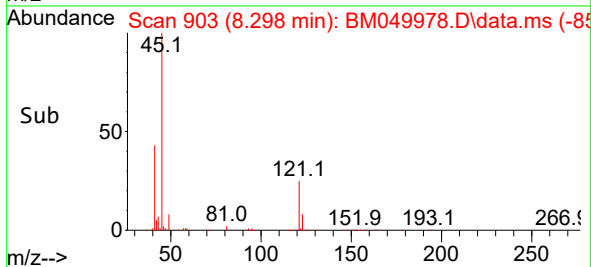
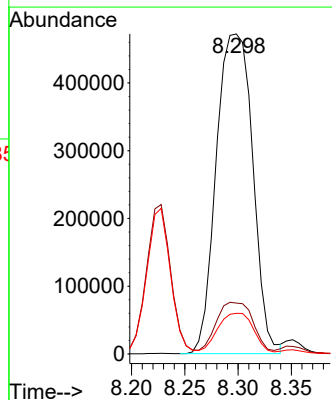
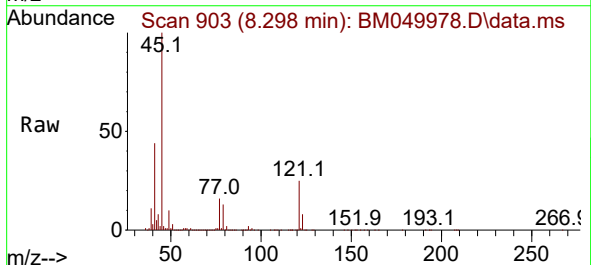
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

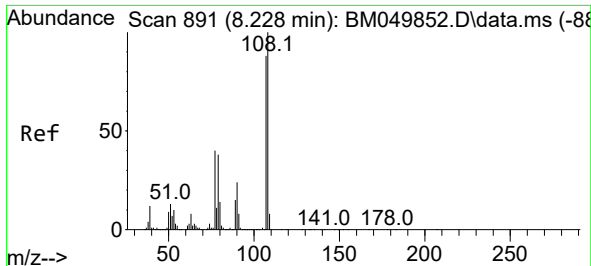
Tgt Ion: 79 Resp: 822572
Ion Ratio Lower Upper
79 100
108 82.3 63.6 95.4
77 64.9 51.3 76.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.757 ng
RT: 8.298 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion: 45 Resp: 1122984
Ion Ratio Lower Upper
45 100
77 15.9 0.0 36.9
79 12.7 0.0 32.9

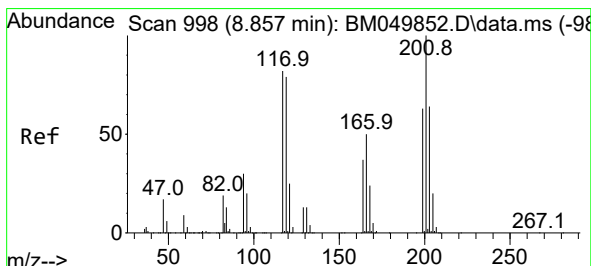
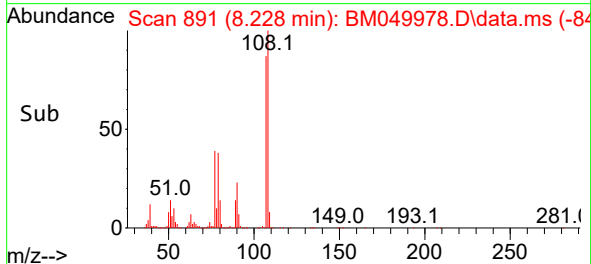
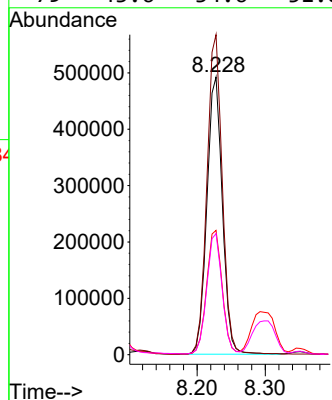
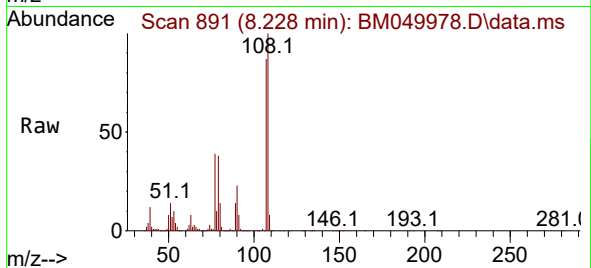




#17
2-Methylphenol
Concen: 39.924 ng
RT: 8.228 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

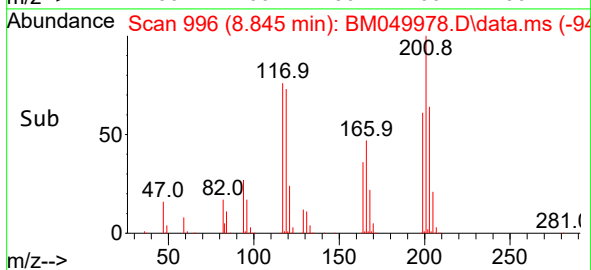
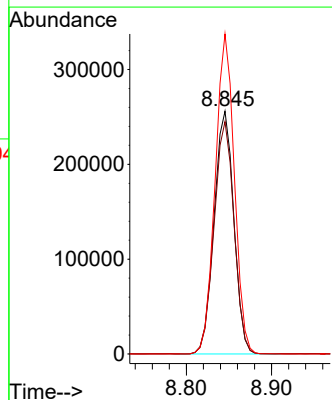
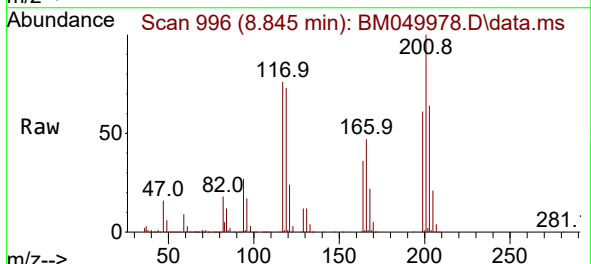
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

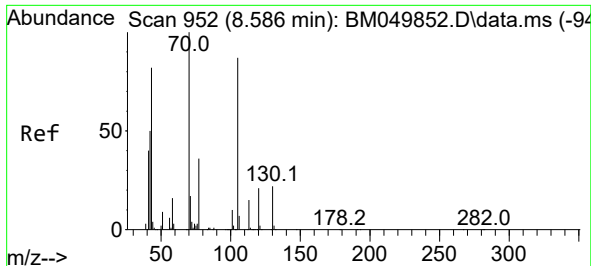
Tgt Ion:107 Resp: 775568
Ion Ratio Lower Upper
107 100
108 115.3 91.0 136.6
77 44.8 36.5 54.7
79 43.6 34.6 51.8



#18
Hexachloroethane
Concen: 37.559 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.012 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:117 Resp: 413613
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3
201 131.8 97.7 146.5

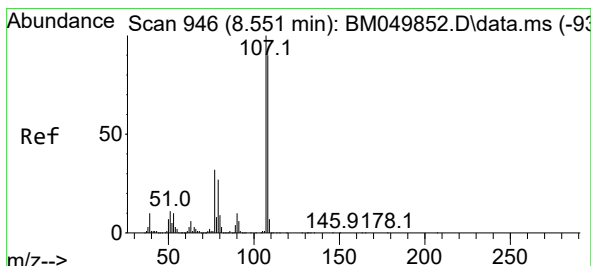
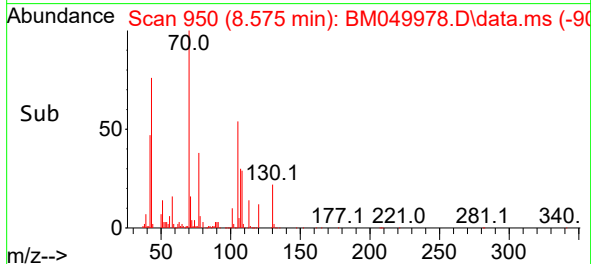
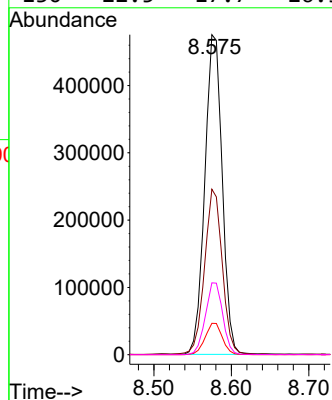
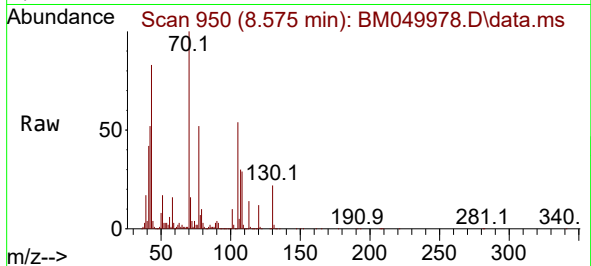




#19
n-Nitroso-di-n-propylamine
Concen: 41.425 ng
RT: 8.575 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

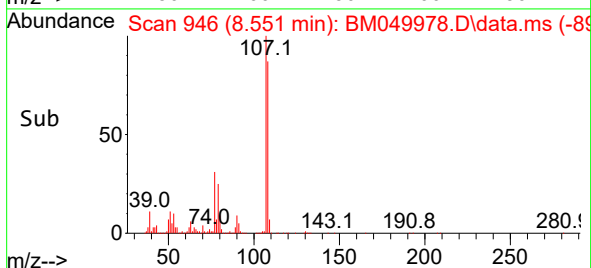
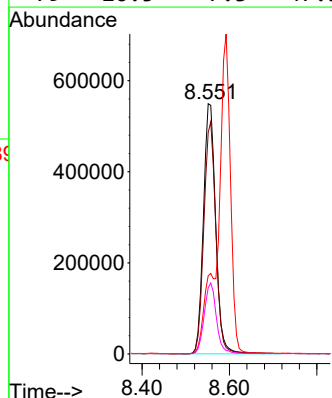
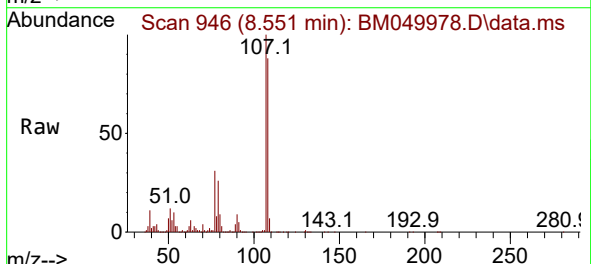
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

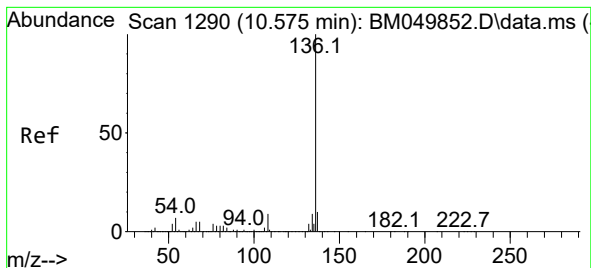
Tgt Ion: 70 Resp: 741144
Ion Ratio Lower Upper
70 100
42 51.7 40.2 60.2
101 9.8 7.9 11.9
130 22.5 17.7 26.5



#20
3+4-Methylphenols
Concen: 40.473 ng
RT: 8.551 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:107 Resp: 1071887
Ion Ratio Lower Upper
107 100
108 88.5 69.6 109.6
77 31.3 11.7 51.7
79 26.5 7.3 47.3

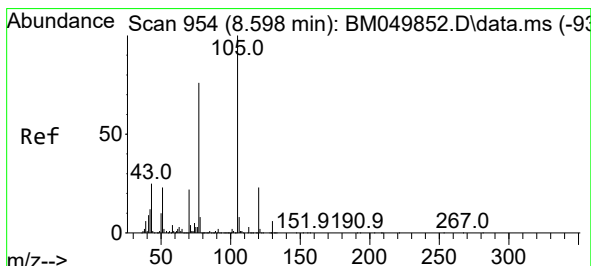
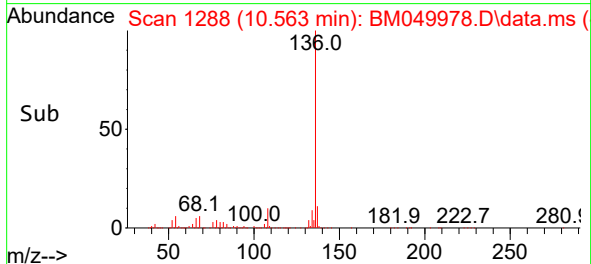
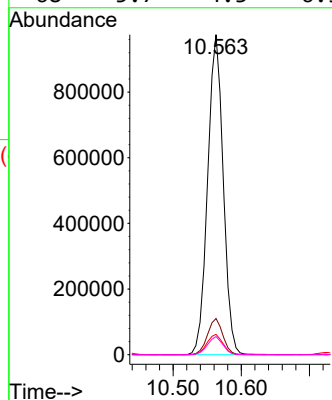
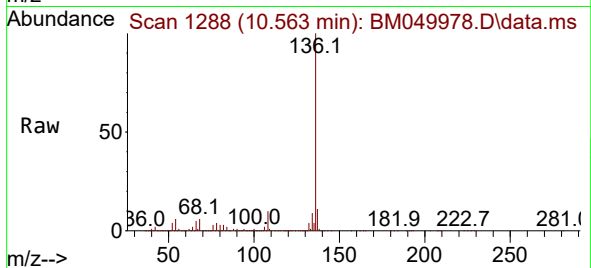




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

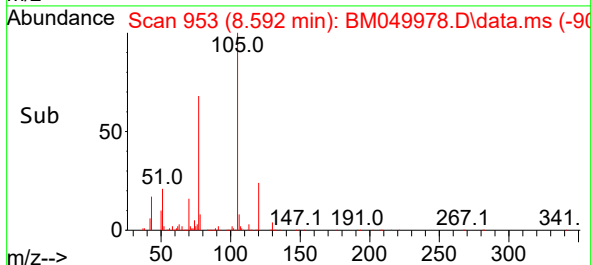
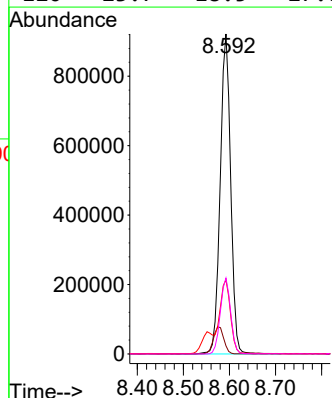
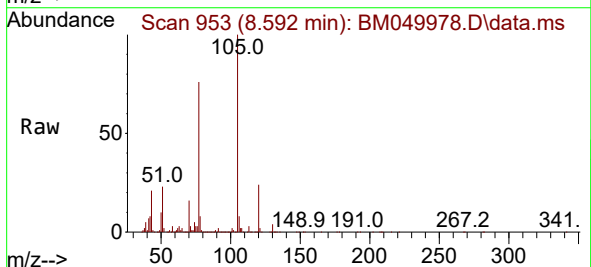
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

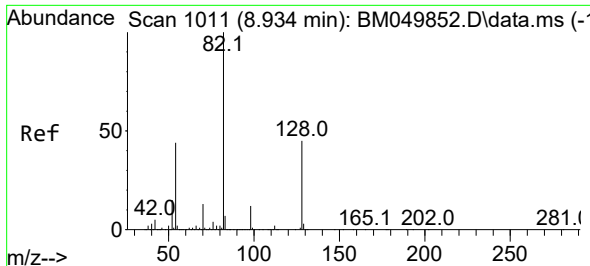
Tgt Ion:136 Resp: 1548209
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 6.4 5.3 7.9
68 5.7 4.3 6.5



#22
Acetophenone
Concen: 38.501 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:105 Resp: 1448639
Ion Ratio Lower Upper
105 100
71 2.6 3.0 4.4#
51 23.2 18.6 27.8
120 23.7 18.5 27.7

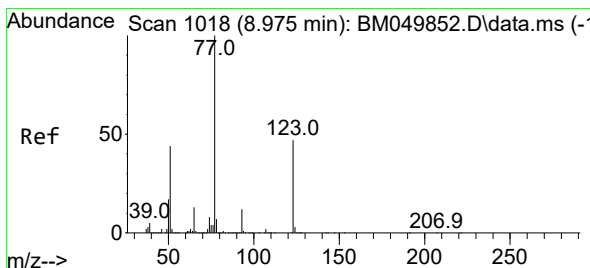
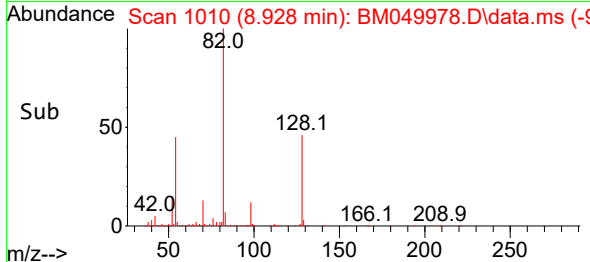
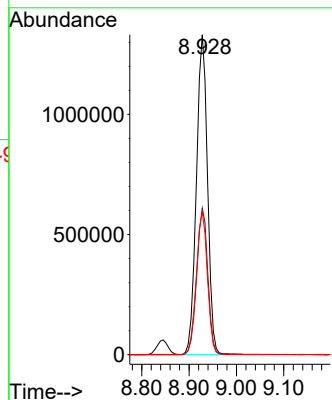
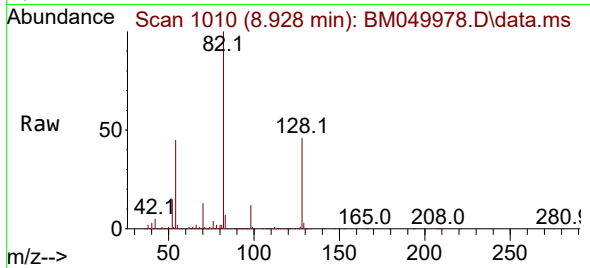




#23
Nitrobenzene-d5
Concen: 77.935 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

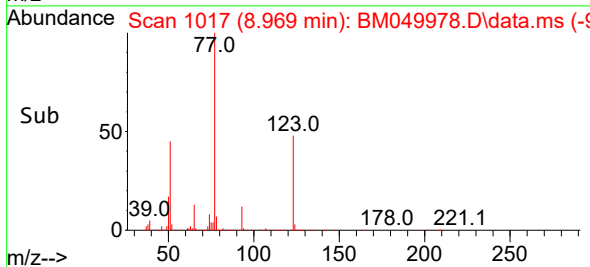
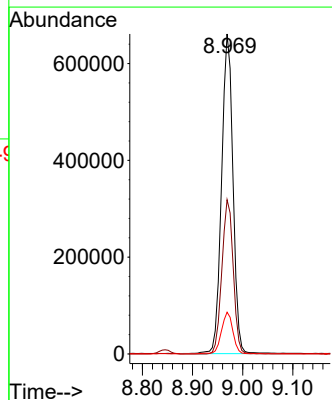
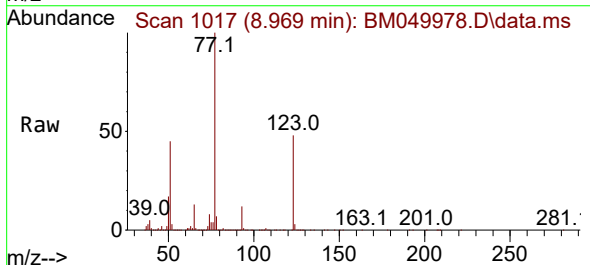
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

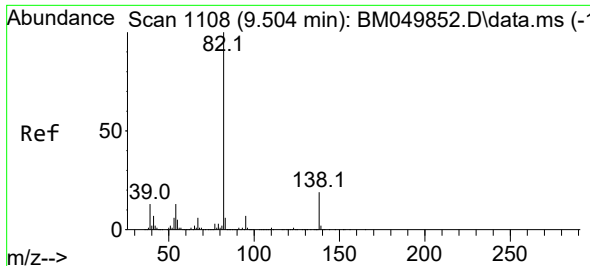
Tgt Ion: 82 Resp: 2166809
Ion Ratio Lower Upper
82 100
128 45.8 36.2 54.2
54 44.7 35.0 52.6



#24
Nitrobenzene
Concen: 39.017 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion: 77 Resp: 1044551
Ion Ratio Lower Upper
77 100
123 48.2 37.4 56.2
65 13.1 10.1 15.1

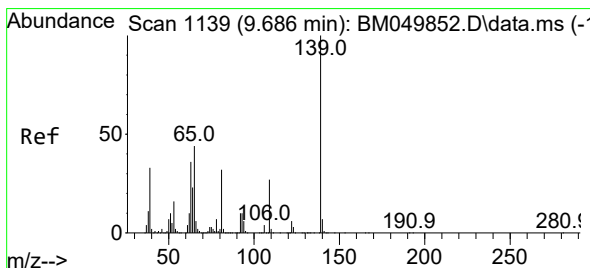
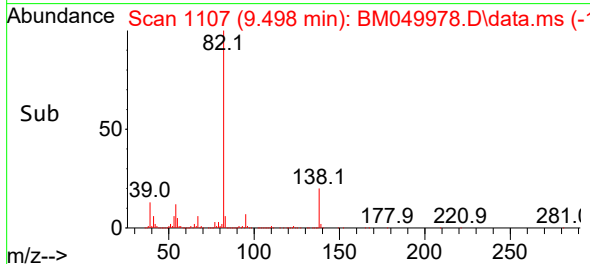
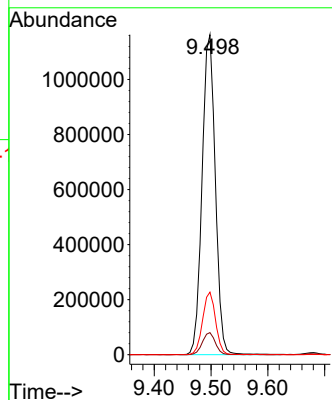
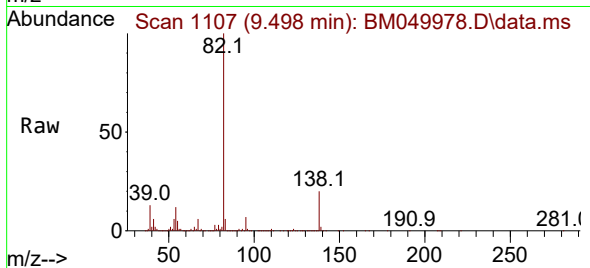




#25
Isophorone
Concen: 40.355 ng
RT: 9.498 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

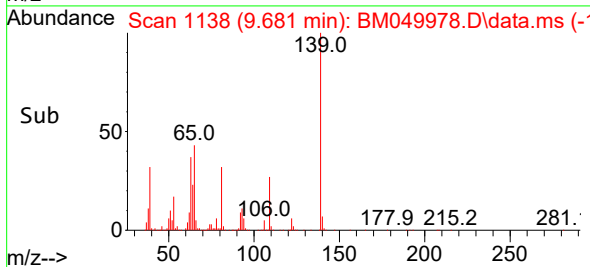
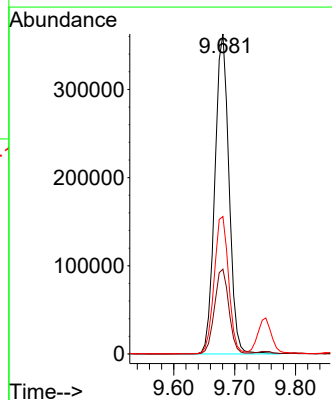
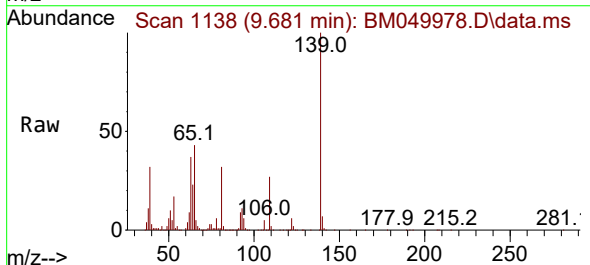
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

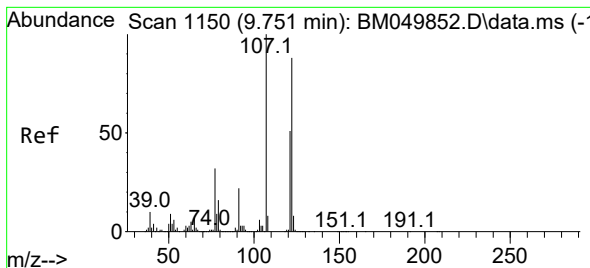
Tgt Ion: 82 Resp: 1879545
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 19.6 15.0 22.6



#26
2-Nitrophenol
Concen: 41.251 ng
RT: 9.681 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion: 139 Resp: 585320
Ion Ratio Lower Upper
139 100
109 26.5 21.7 32.5
65 43.0 35.2 52.8

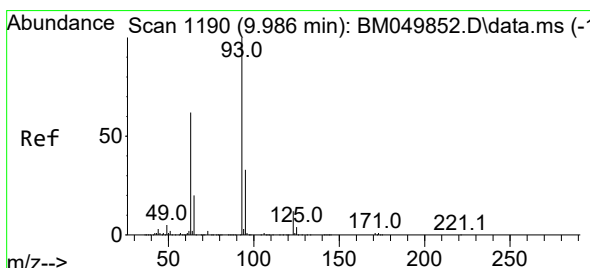
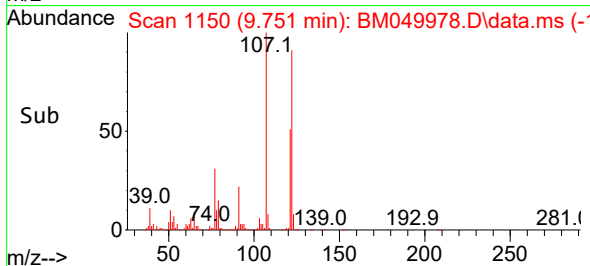
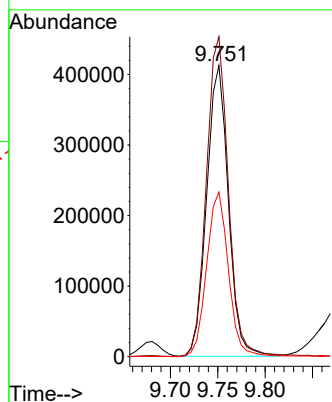
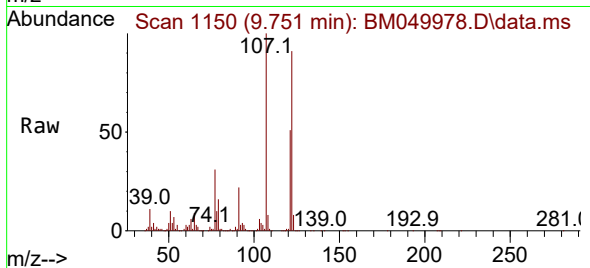




#27
2,4-Dimethylphenol
Concen: 40.783 ng
RT: 9.751 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

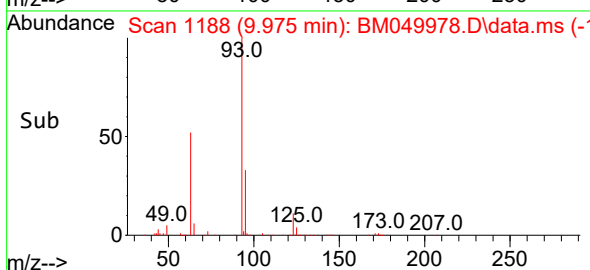
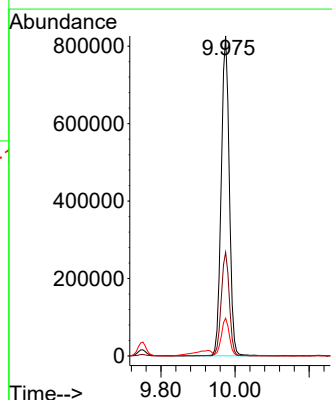
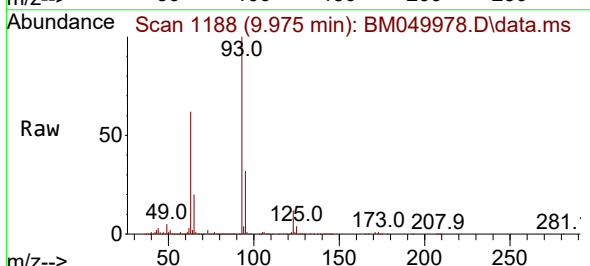
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

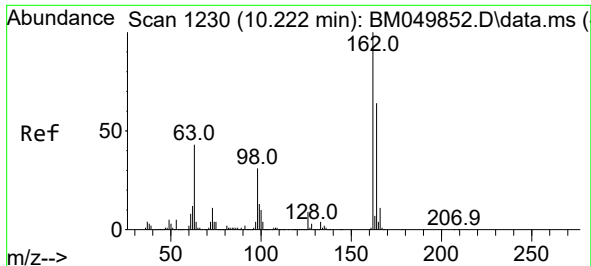
Tgt Ion:122 Resp: 655811
Ion Ratio Lower Upper
122 100
107 109.9 90.3 135.5
121 56.5 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.982 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion: 93 Resp: 1246681
Ion Ratio Lower Upper
93 100
95 32.4 26.6 40.0
123 11.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 39.727 ng

RT: 10.228 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

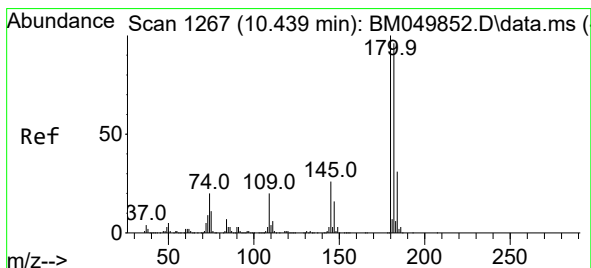
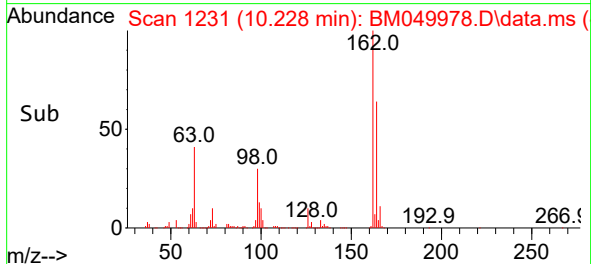
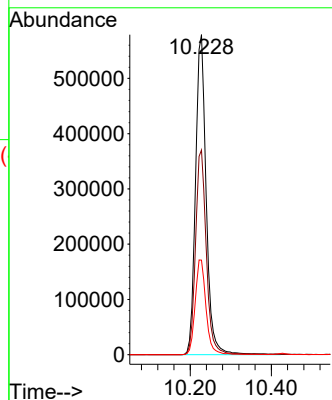
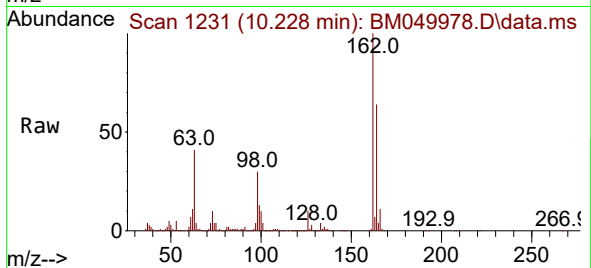
Tgt Ion:162 Resp: 1061916

Ion Ratio Lower Upper

162 100

164 64.0 44.3 84.3

98 29.6 10.9 50.9



#30

1,2,4-Trichlorobenzene

Concen: 38.756 ng

RT: 10.428 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

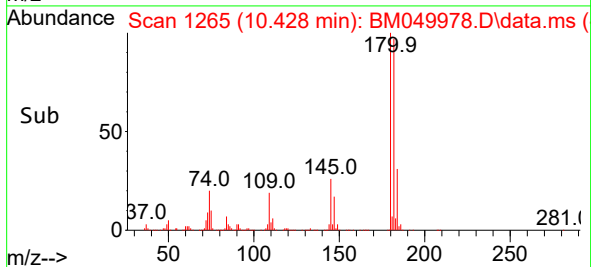
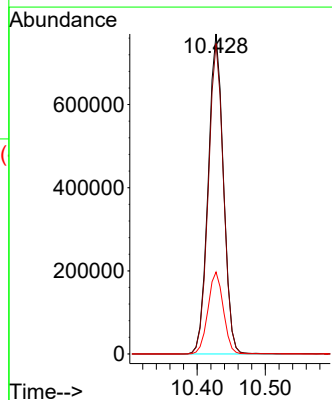
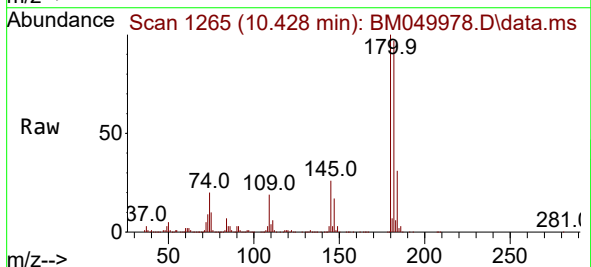
Tgt Ion:180 Resp: 1198438

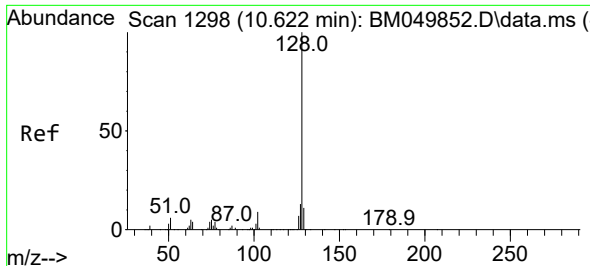
Ion Ratio Lower Upper

180 100

182 97.1 76.7 115.1

145 25.6 20.8 31.2

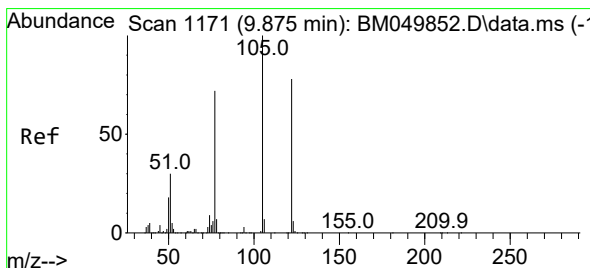
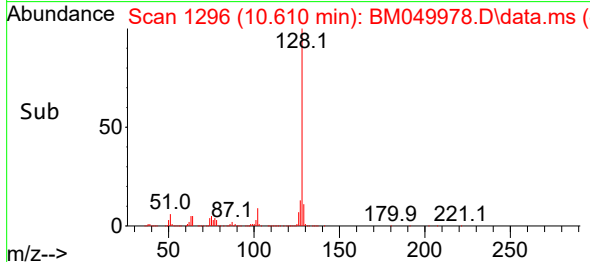
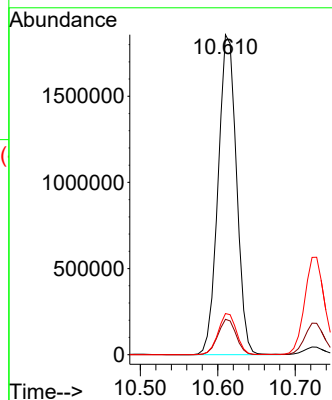
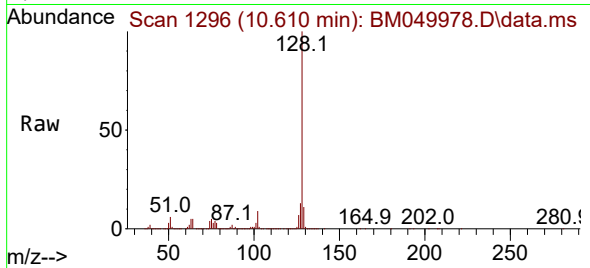




#31
Naphthalene
Concen: 38.433 ng
RT: 10.610 min Scan# 1180
Delta R.T. -0.012 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

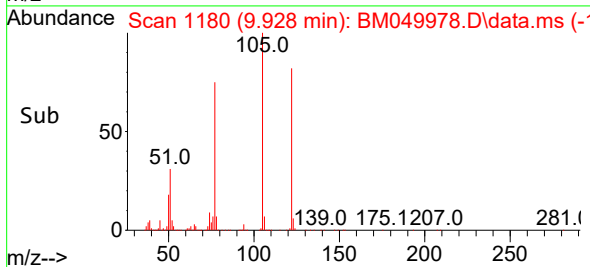
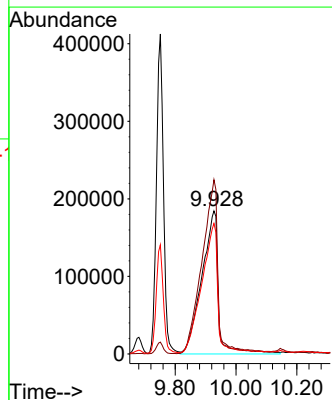
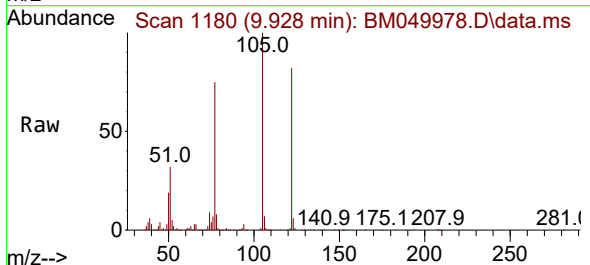
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

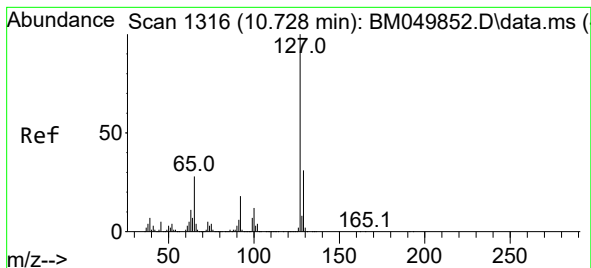
Tgt Ion:128 Resp: 3057481
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 37.493 ng m
RT: 9.928 min Scan# 1180
Delta R.T. 0.053 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:122 Resp: 701995
Ion Ratio Lower Upper
122 100
105 121.8 103.8 143.8
77 91.3 70.7 110.7





#33

4-Chloroaniline

Concen: 38.238 ng

RT: 10.728 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 1074162

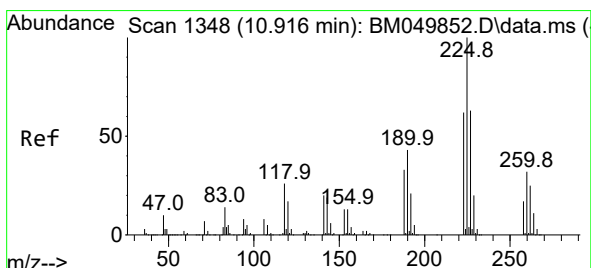
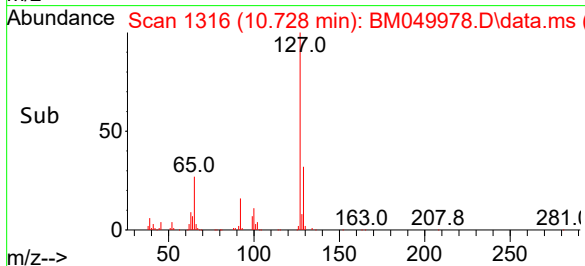
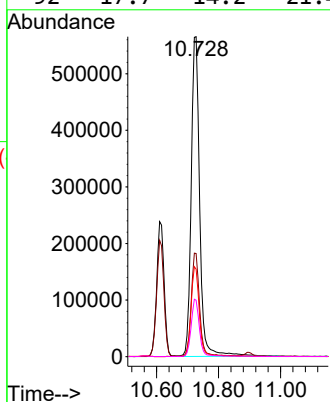
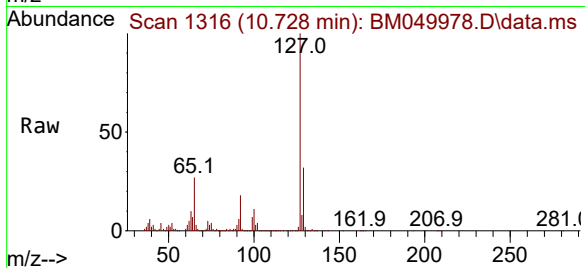
Ion Ratio Lower Upper

127 100

129 32.2 24.9 37.3

65 27.3 22.4 33.6

92 17.7 14.2 21.4



#34

Hexachlorobutadiene

Concen: 39.335 ng

RT: 10.898 min Scan# 1345

Delta R.T. -0.018 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

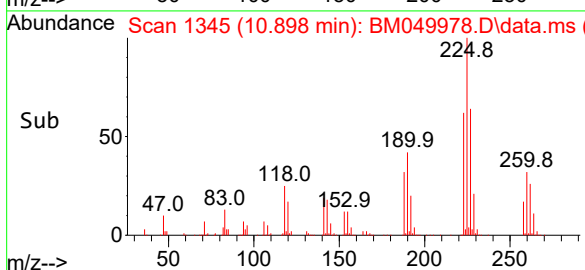
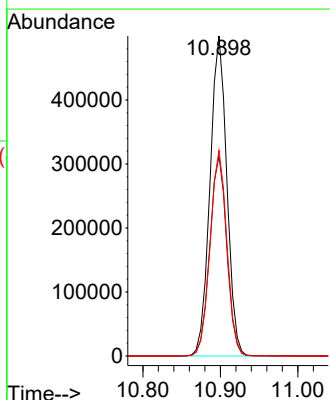
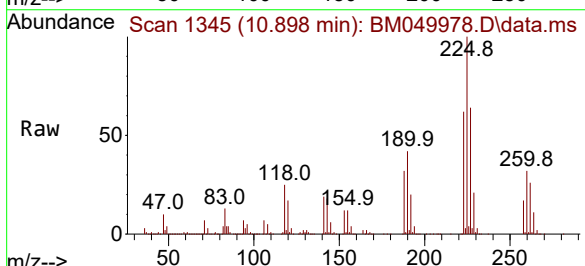
Tgt Ion:225 Resp: 752399

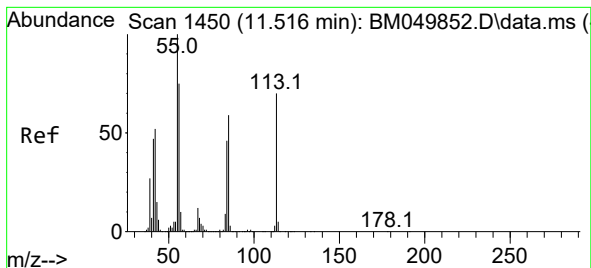
Ion Ratio Lower Upper

225 100

223 62.4 49.4 74.2

227 64.2 50.1 75.1

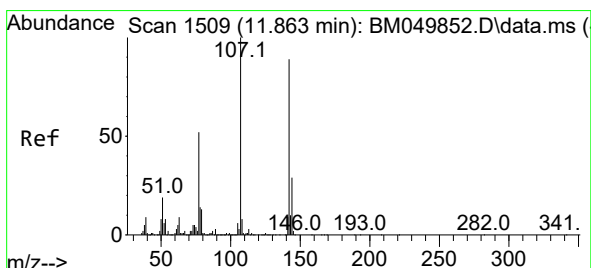
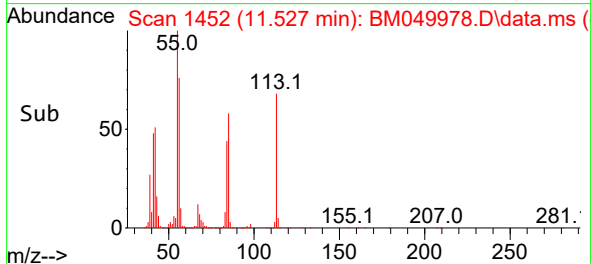
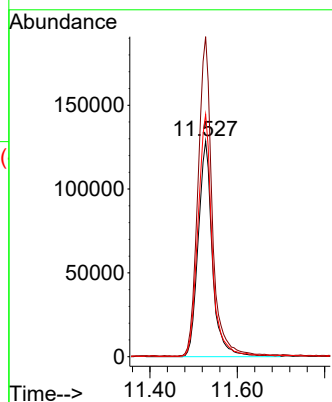
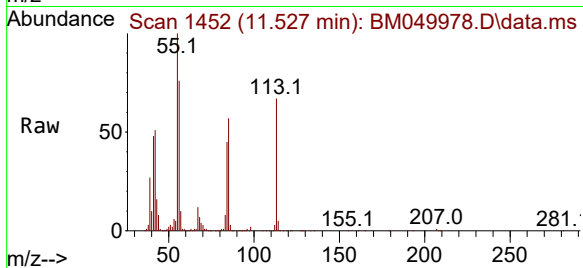




#35
Caprolactam
Concen: 37.790 ng
RT: 11.527 min Scan# 1450
Delta R.T. 0.012 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

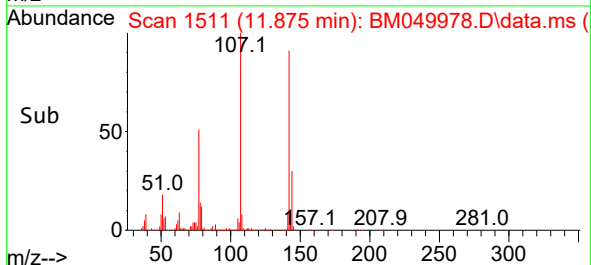
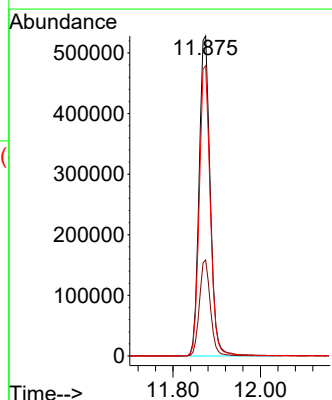
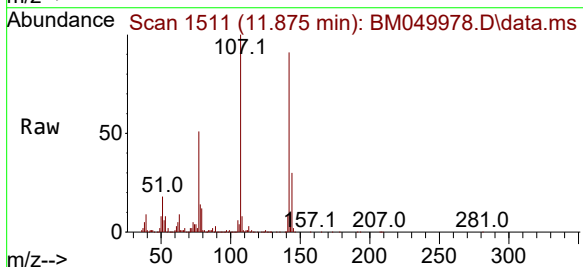
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

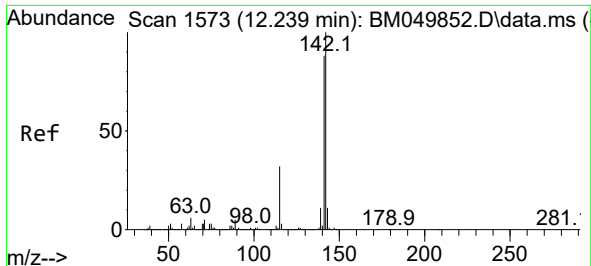
Tgt Ion:113 Resp: 289715
Ion Ratio Lower Upper
113 100
55 148.4 124.3 164.3
56 112.3 87.5 127.5



#36
4-Chloro-3-methylphenol
Concen: 40.033 ng
RT: 11.875 min Scan# 1511
Delta R.T. 0.012 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:107 Resp: 937332
Ion Ratio Lower Upper
107 100
144 30.0 23.6 35.4
142 90.7 71.4 107.0

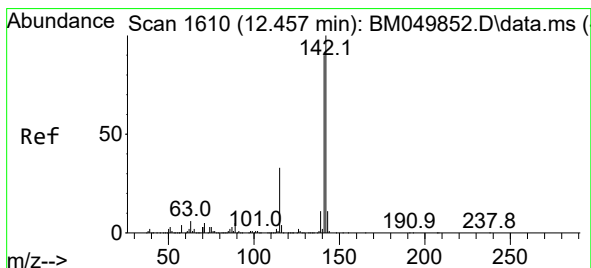
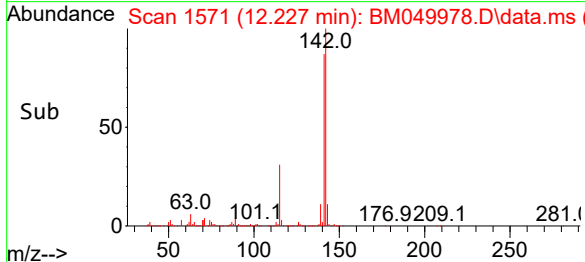
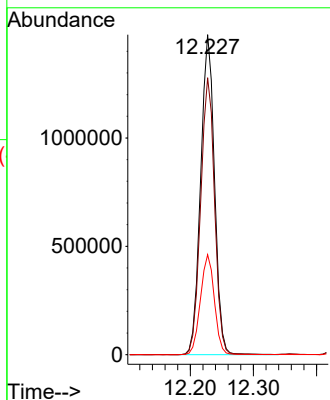
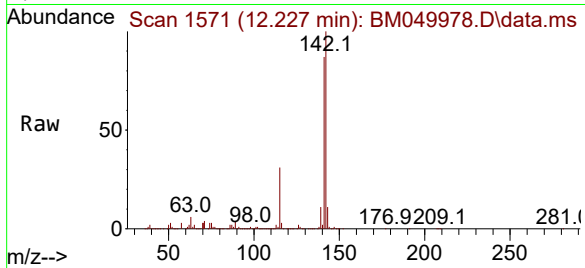




#37
2-Methylnaphthalene
Concen: 40.184 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

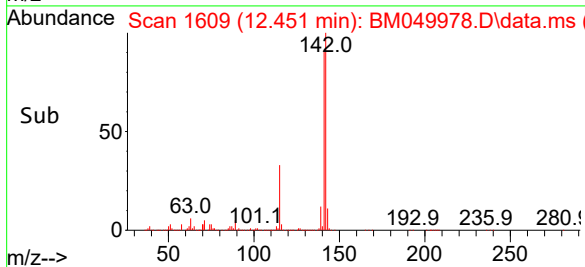
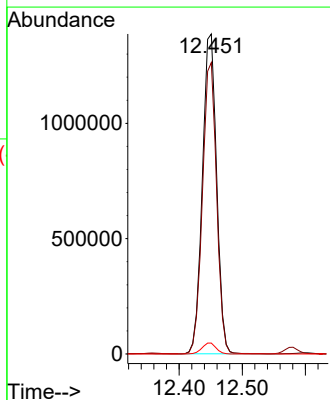
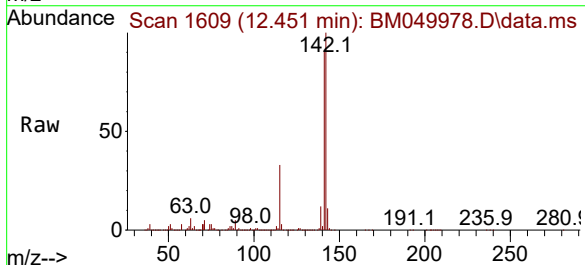
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

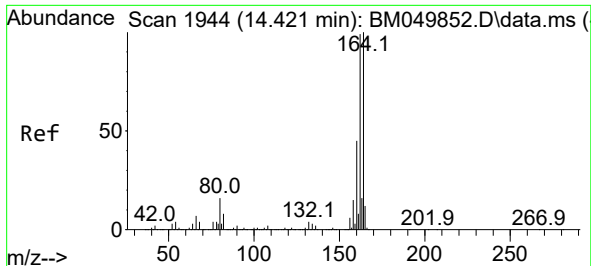
Tgt Ion:142 Resp: 2252297
Ion Ratio Lower Upper
142 100
141 86.5 70.2 105.2
115 31.2 25.4 38.2



#38
1-Methylnaphthalene
Concen: 39.835 ng
RT: 12.451 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:142 Resp: 2175250
Ion Ratio Lower Upper
142 100
141 91.0 72.2 108.2
116 3.4 2.9 4.3

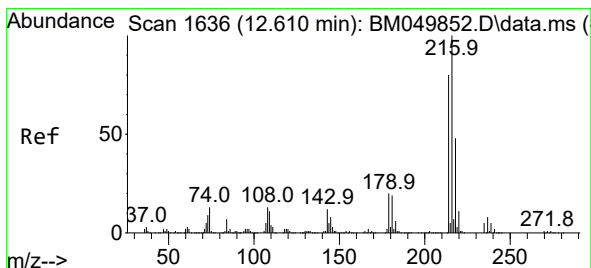
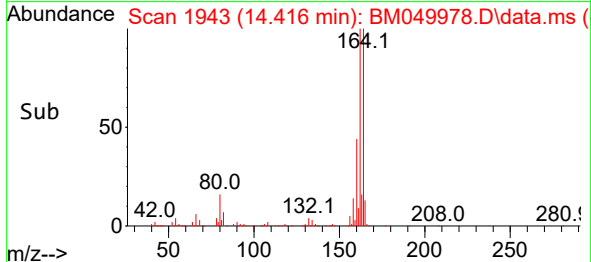
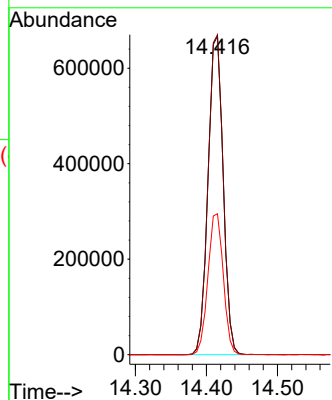
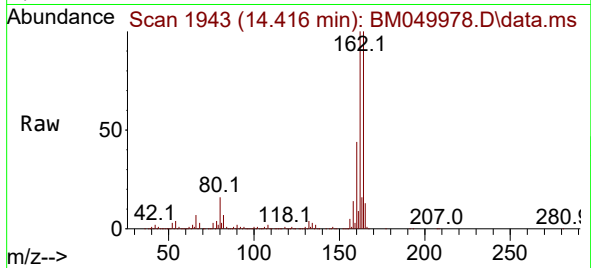




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

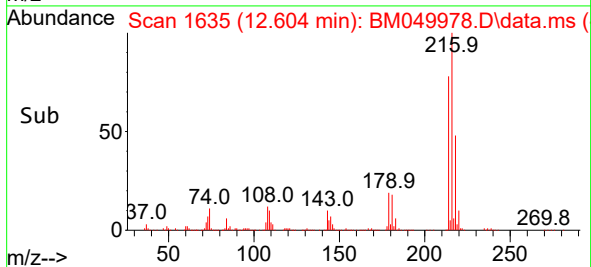
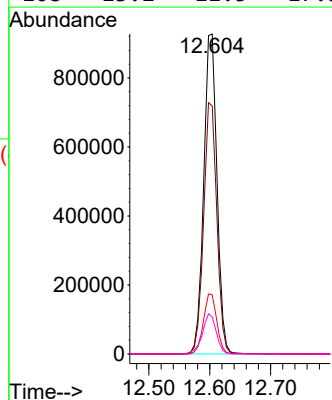
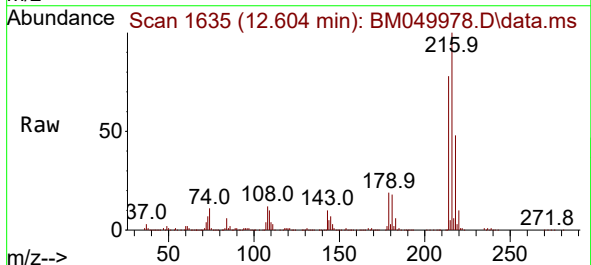
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

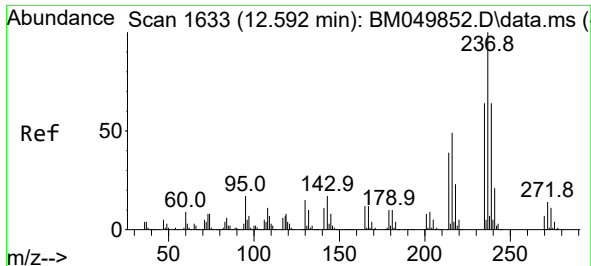
Tgt Ion:164 Resp: 988594
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.0
160 44.2 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.660 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

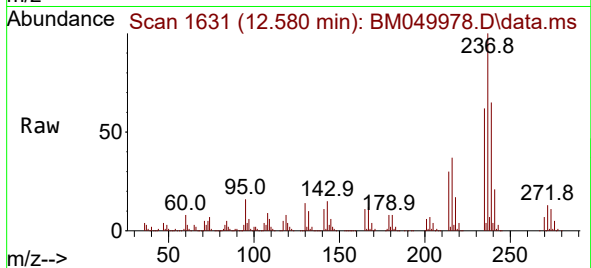
Tgt Ion:216 Resp: 1406249
Ion Ratio Lower Upper
216 100
214 78.3 63.2 94.8
179 18.9 15.8 23.6
108 13.2 11.5 17.3



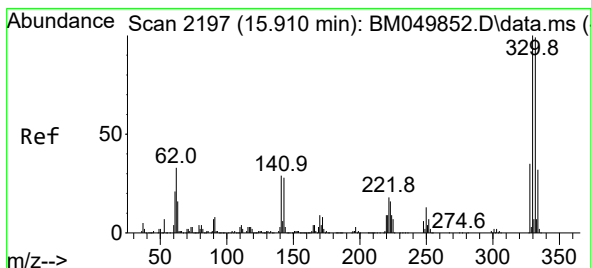
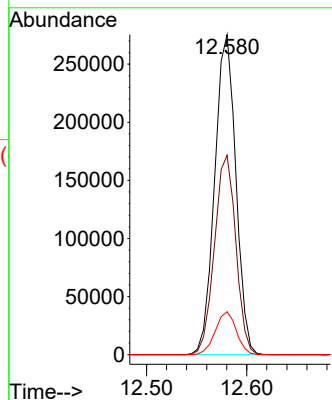
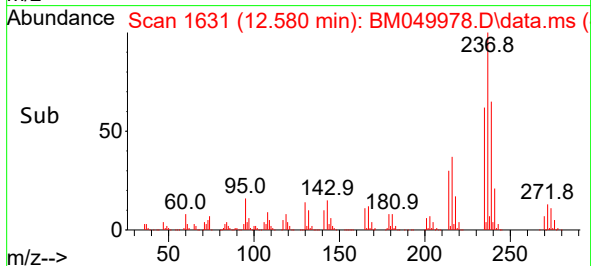


#41
Hexachlorocyclopentadiene
Concen: 33.313 ng
RT: 12.580 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

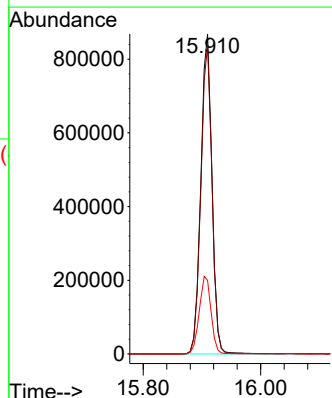
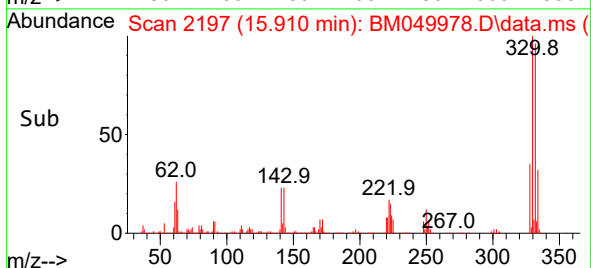
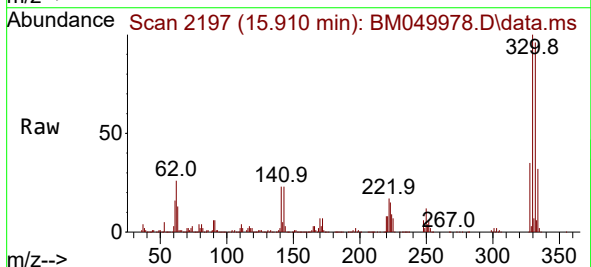


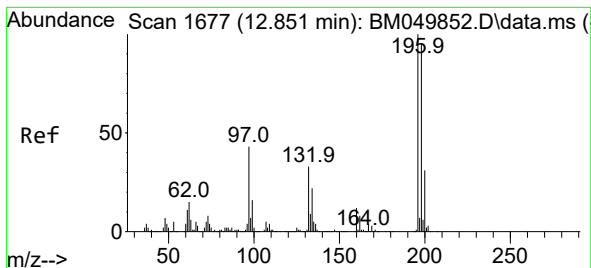
Tgt Ion:237 Resp: 403715
Ion Ratio Lower Upper
237 100
235 62.3 43.7 83.7
272 13.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 79.458 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:330 Resp: 1142565
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 25.8 23.5 35.3





#43

2,4,6-Trichlorophenol

Concen: 40.552 ng

RT: 12.851 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

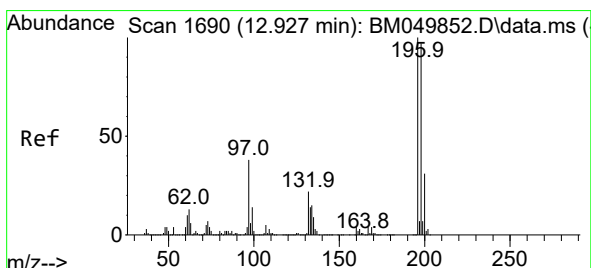
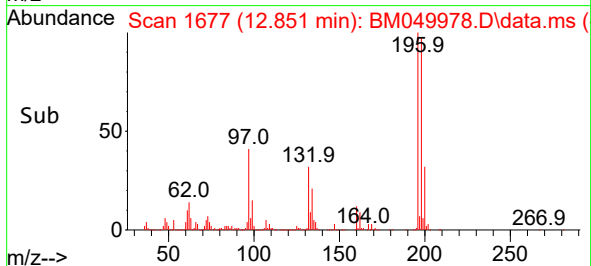
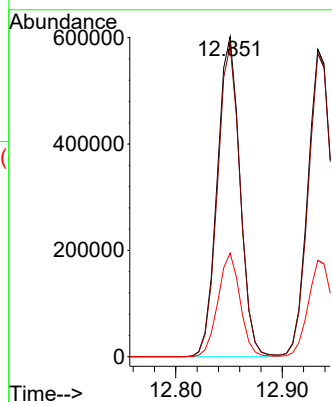
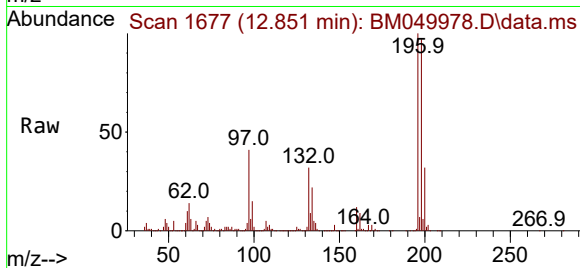
Tgt Ion:196 Resp: 892469

Ion Ratio Lower Upper

196 100

198 97.3 76.1 114.1

200 32.4 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 39.896 ng

RT: 12.933 min Scan# 1691

Delta R.T. 0.006 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

Tgt Ion:196 Resp: 954170

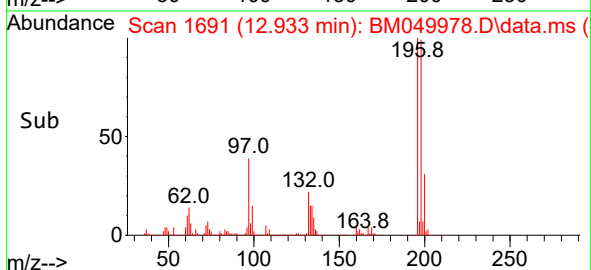
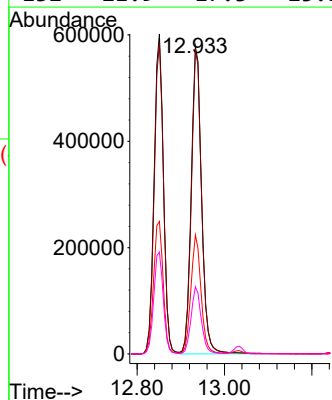
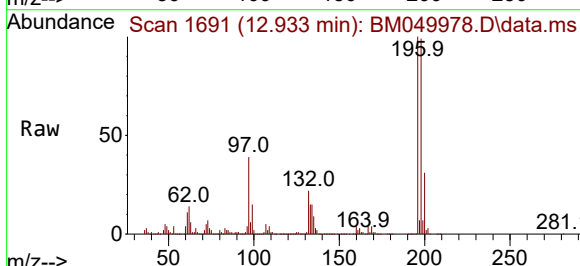
Ion Ratio Lower Upper

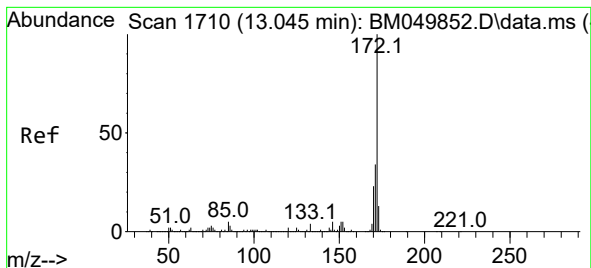
196 100

198 98.7 77.7 116.5

97 38.8 30.3 45.5

132 21.9 17.3 25.9





#45

2-Fluorobiphenyl

Concen: 79.690 ng

RT: 13.033 min Scan# 1708

Delta R.T. -0.012 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

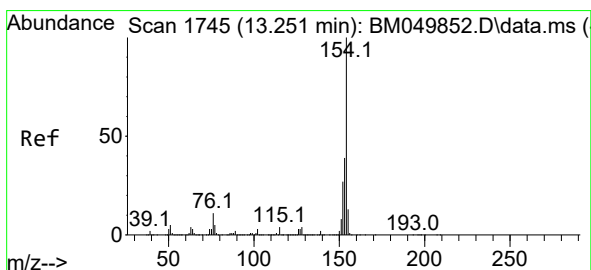
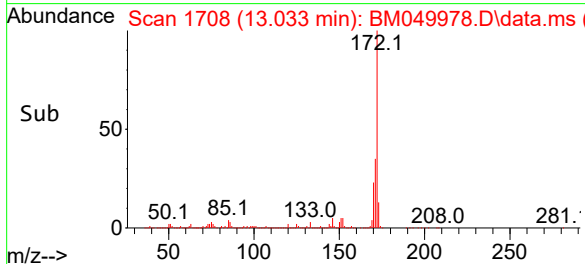
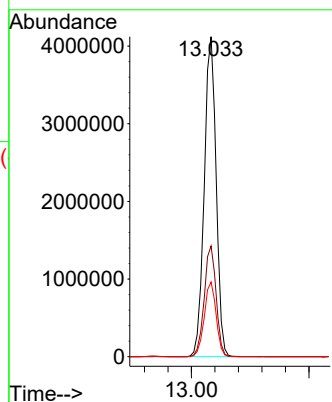
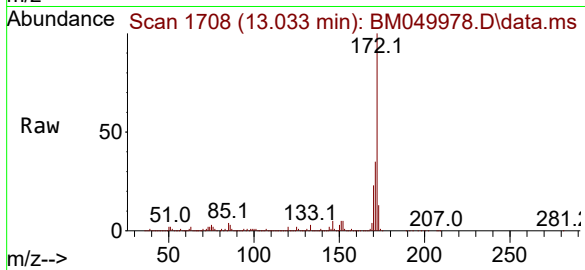
Tgt Ion:172 Resp: 5809785

Ion Ratio Lower Upper

172 100

171 34.6 27.4 41.2

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 39.146 ng

RT: 13.245 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

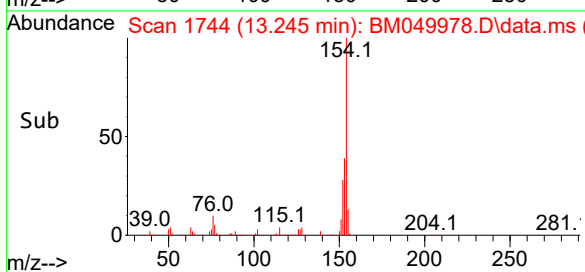
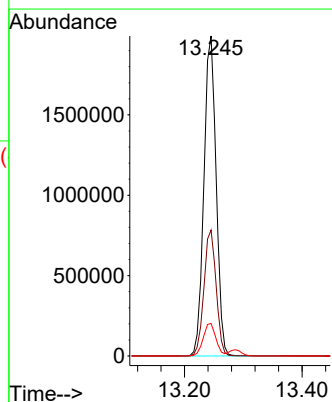
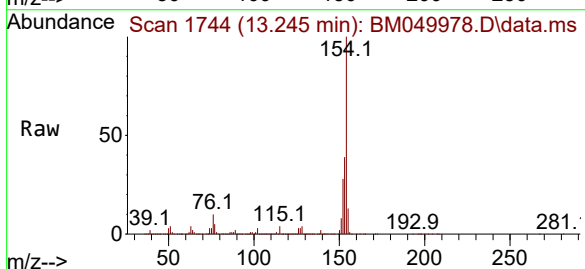
Tgt Ion:154 Resp: 2876826

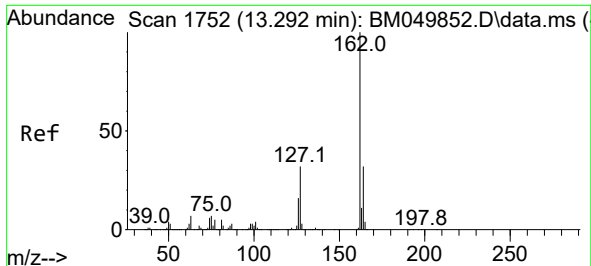
Ion Ratio Lower Upper

154 100

153 39.4 19.3 59.3

76 10.1 0.0 30.7

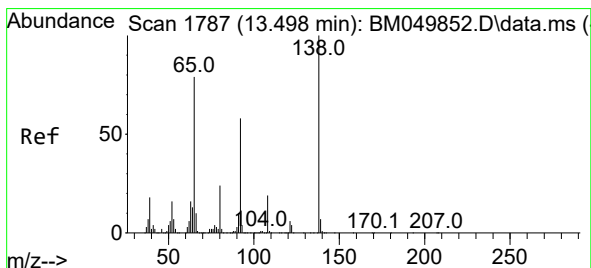
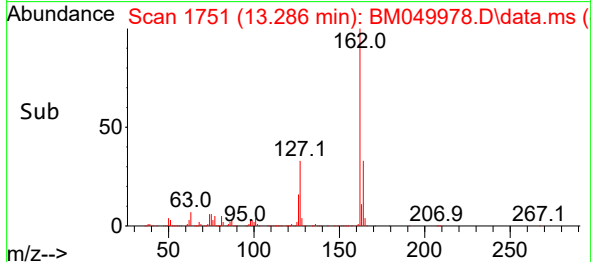
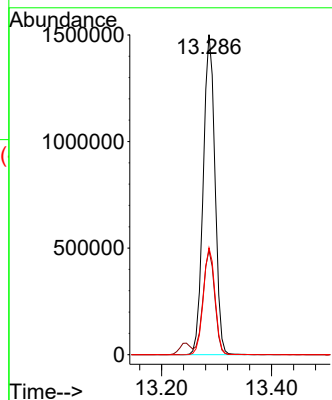
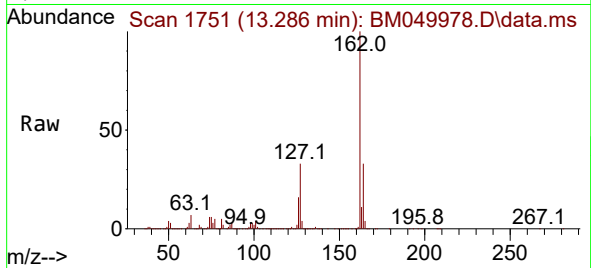




#47
2-Chloronaphthalene
Concen: 38.565 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

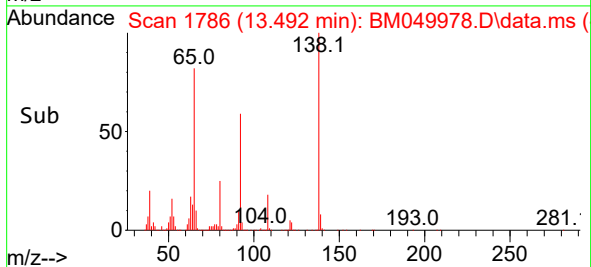
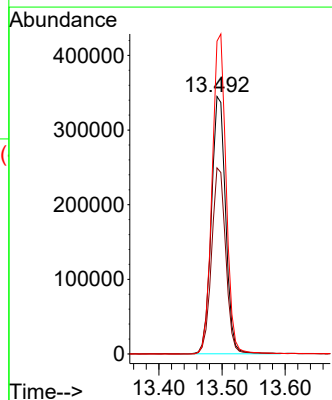
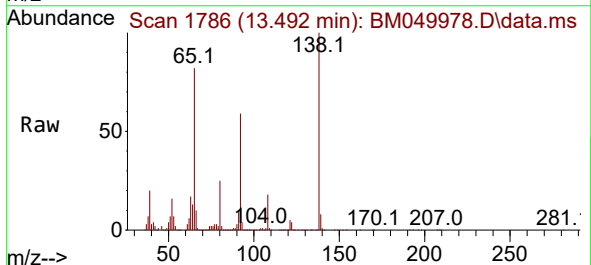
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

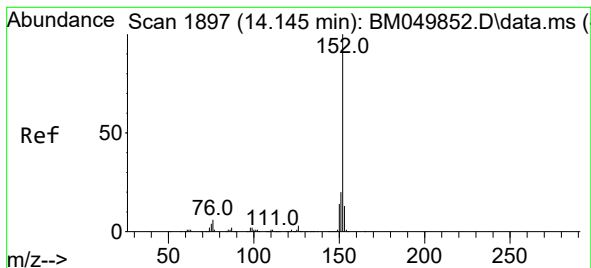
Tgt Ion:162 Resp: 2227554
Ion Ratio Lower Upper
162 100
127 32.6 26.0 39.0
164 33.4 25.9 38.9



#48
2-Nitroaniline
Concen: 40.384 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion: 65 Resp: 539642
Ion Ratio Lower Upper
65 100
92 72.3 58.4 87.6
138 121.5 100.8 151.2





#49

Acenaphthylene

Concen: 39.275 ng

RT: 14.133 min Scan# 1895

Delta R.T. -0.012 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

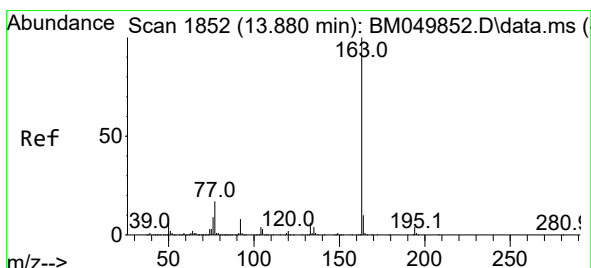
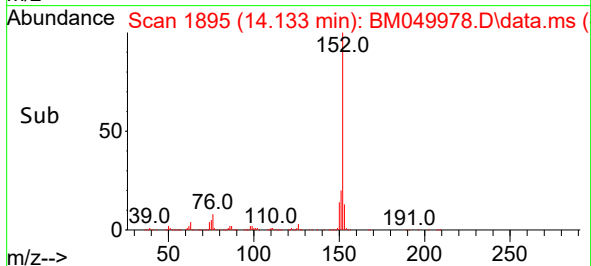
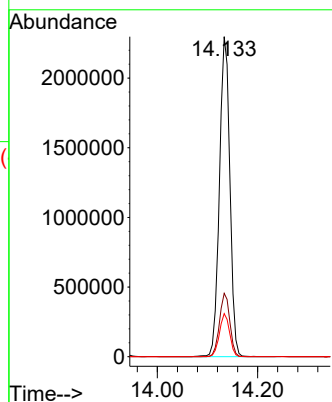
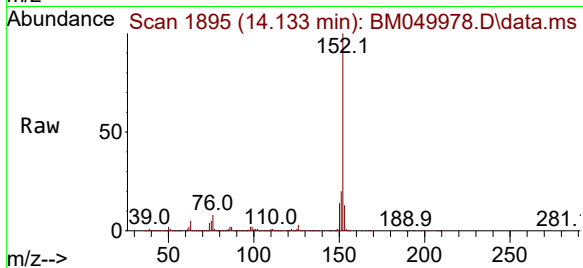
Tgt Ion:152 Resp: 3304518

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 39.344 ng

RT: 13.874 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

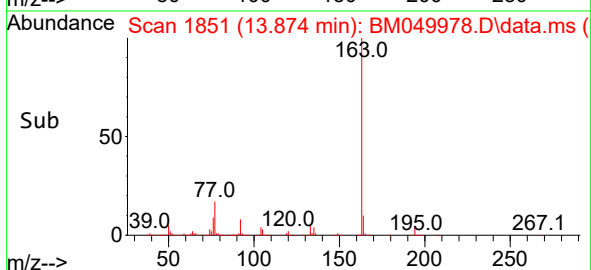
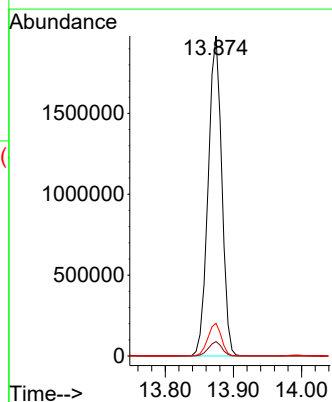
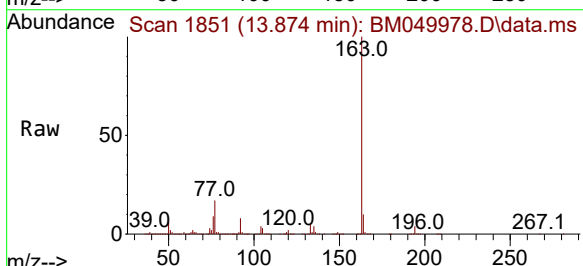
Tgt Ion:163 Resp: 2744008

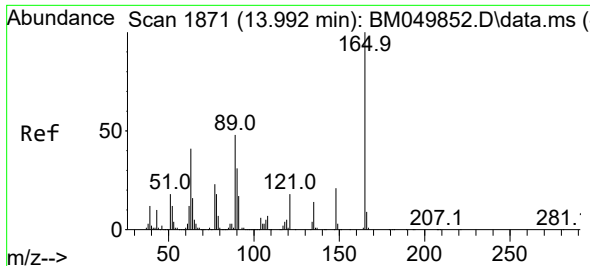
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.2 7.9 11.9

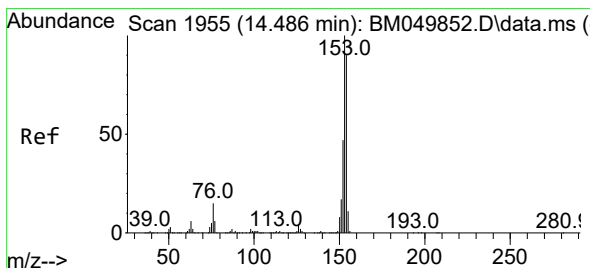
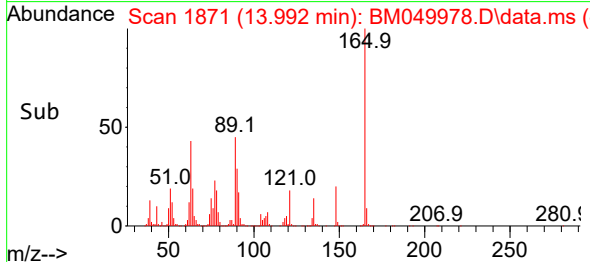
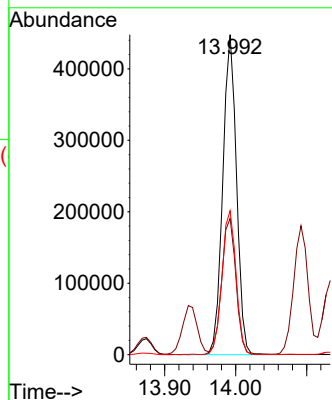
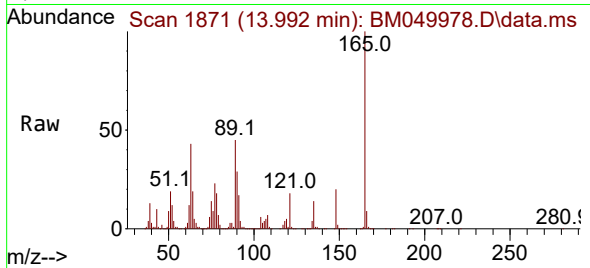




#51
2,6-Dinitrotoluene
Concen: 40.935 ng
RT: 13.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

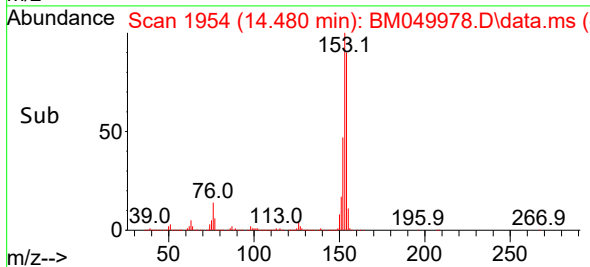
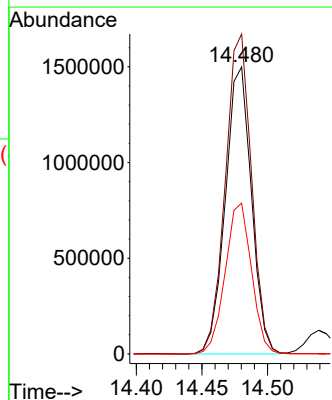
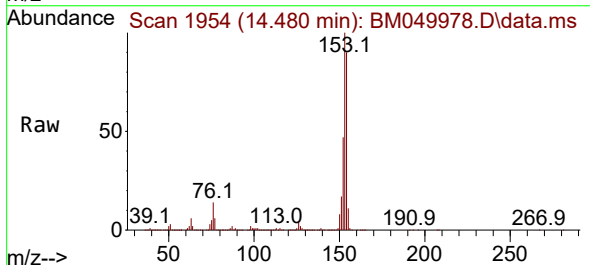
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

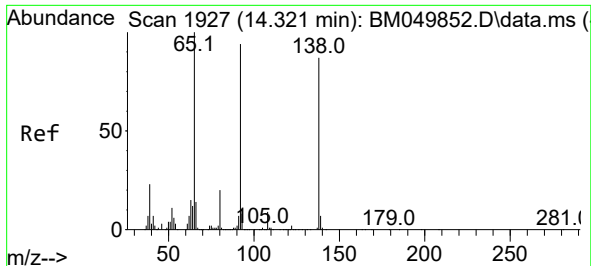
Tgt Ion:165 Resp: 598148
Ion Ratio Lower Upper
165 100
63 42.6 36.1 54.1
89 45.0 38.3 57.5



#52
Acenaphthene
Concen: 38.780 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:154 Resp: 2075478
Ion Ratio Lower Upper
154 100
153 111.5 89.3 133.9
152 52.5 42.2 63.2

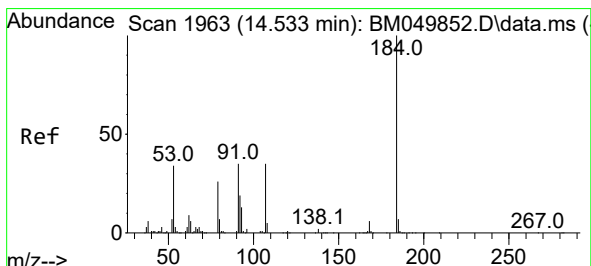
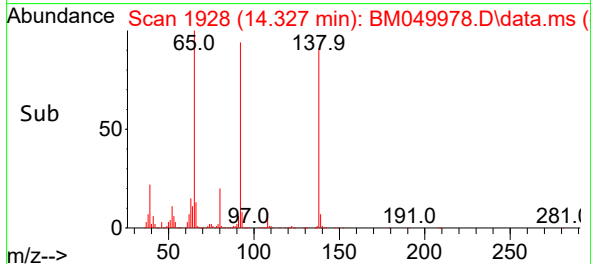
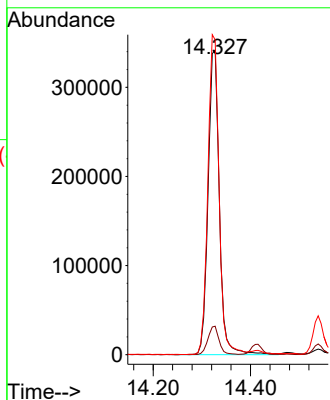
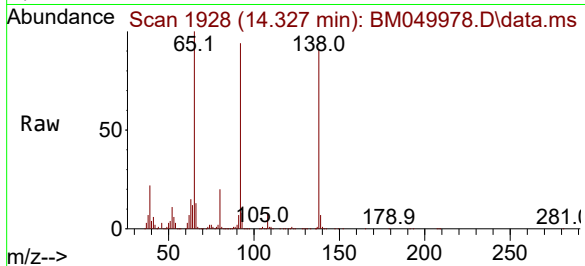




#53
3-Nitroaniline
Concen: 38.715 ng
RT: 14.327 min Scan# 1927
Delta R.T. 0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

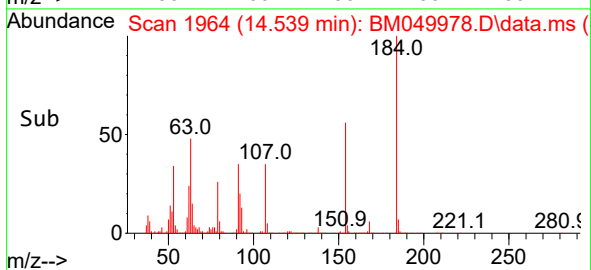
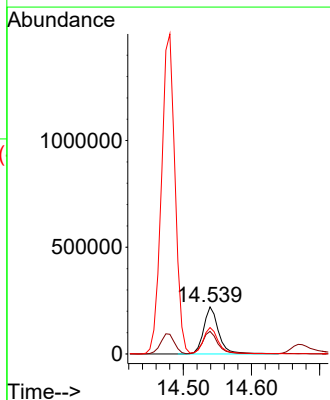
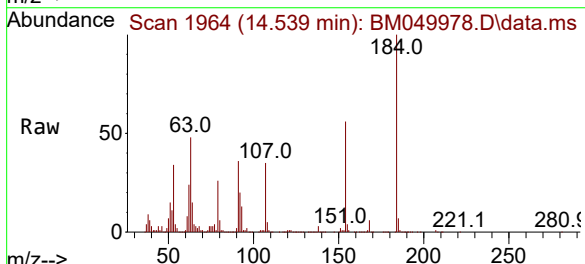
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

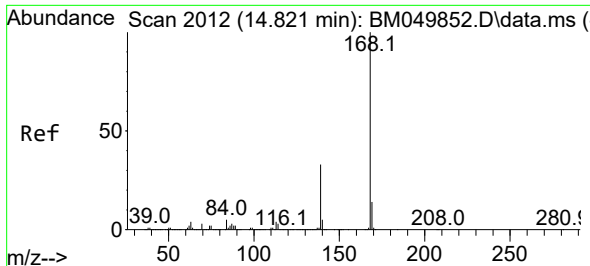
Tgt Ion:138 Resp: 546763
Ion Ratio Lower Upper
138 100
108 9.3 8.1 12.1
92 103.5 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 36.190 ng
RT: 14.539 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:184 Resp: 336932
Ion Ratio Lower Upper
184 100
63 48.0 38.4 57.6
154 55.9 48.1 72.1

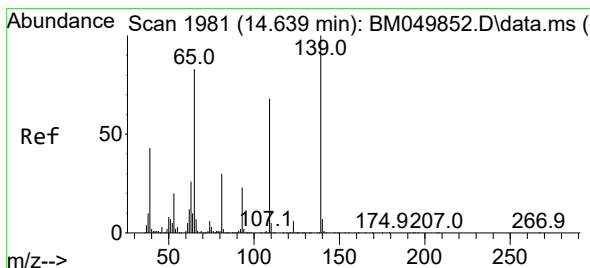
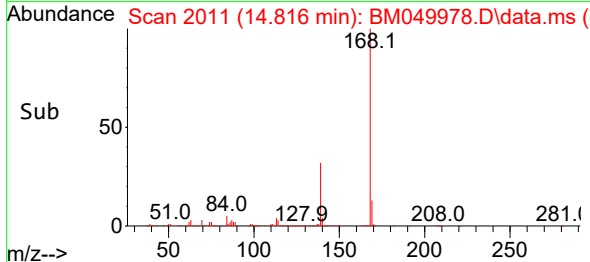
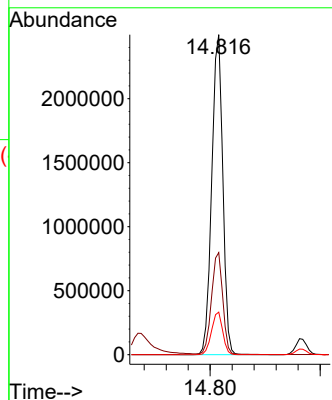
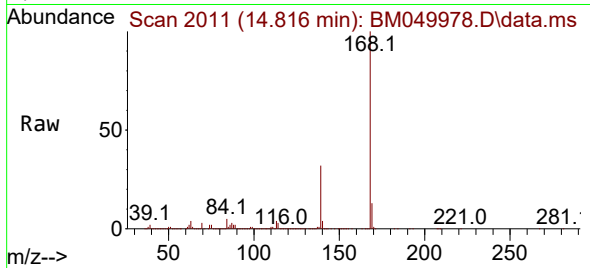




#55
Dibenzofuran
Concen: 38.958 ng
RT: 14.816 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

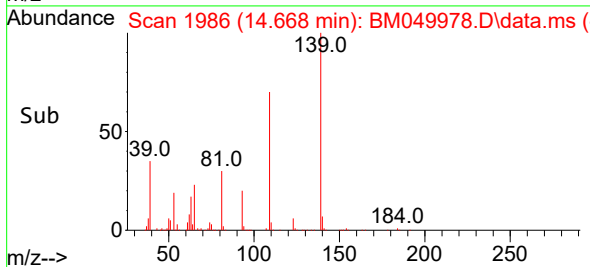
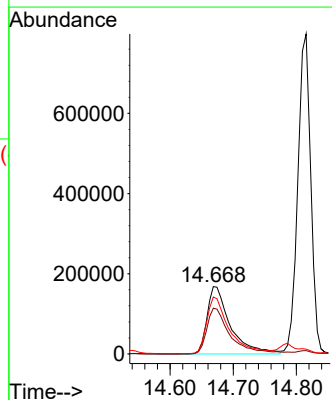
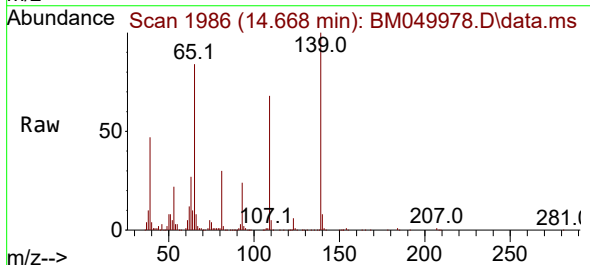
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

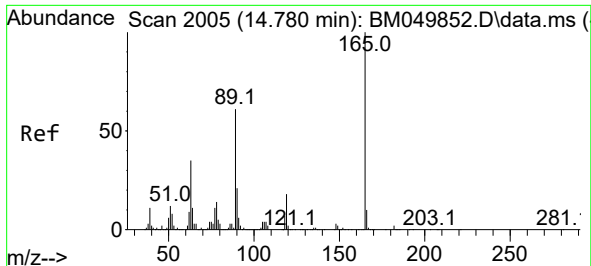
Tgt Ion:168 Resp: 3485459
Ion Ratio Lower Upper
168 100
139 31.9 26.6 39.8
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 34.064 ng
RT: 14.668 min Scan# 1986
Delta R.T. 0.029 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:139 Resp: 428710
Ion Ratio Lower Upper
139 100
109 67.8 47.9 87.9
65 84.4 62.7 102.7

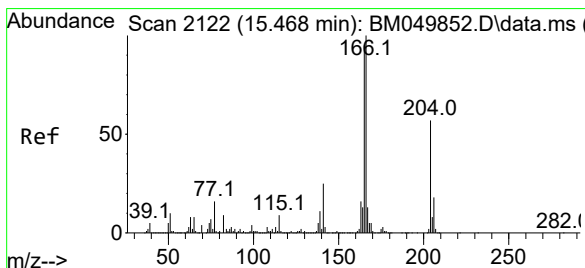
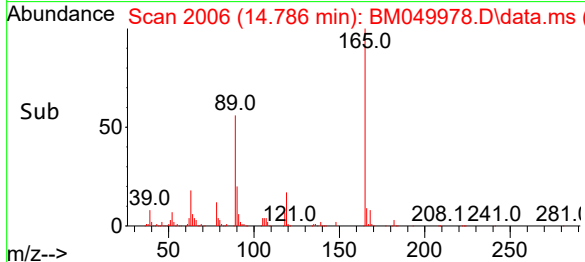
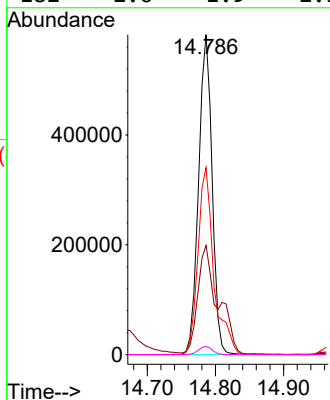
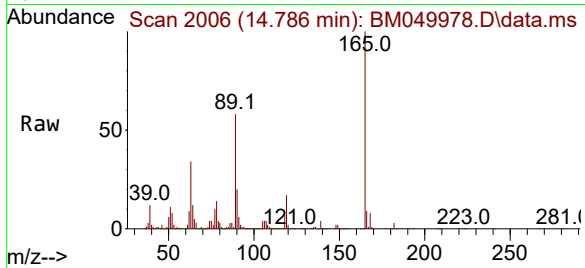




#57
2,4-Dinitrotoluene
Concen: 40.989 ng
RT: 14.786 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

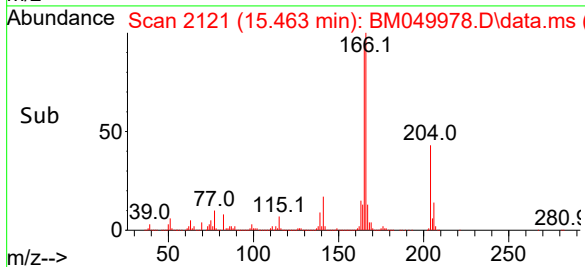
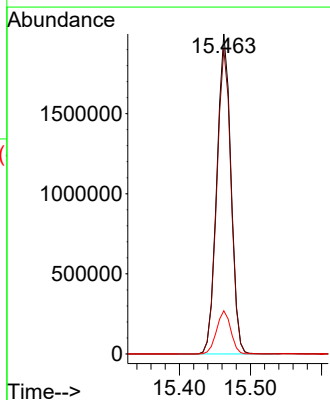
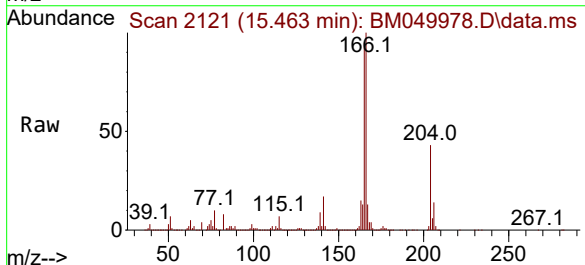
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

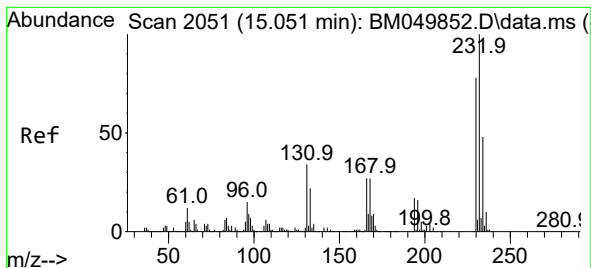
Tgt Ion:165 Resp: 799030
Ion Ratio Lower Upper
165 100
63 34.1 28.6 42.8
89 58.5 49.0 73.6
182 2.6 1.9 2.9



#58
Fluorene
Concen: 38.583 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:166 Resp: 2743854
Ion Ratio Lower Upper
166 100
165 95.3 76.3 114.5
167 13.5 10.7 16.1

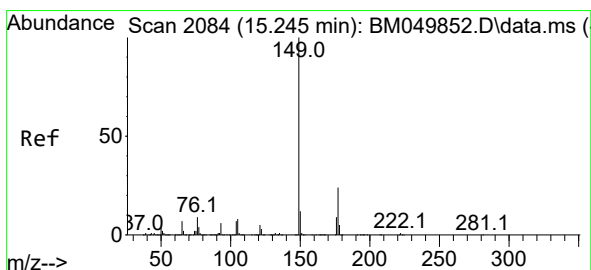
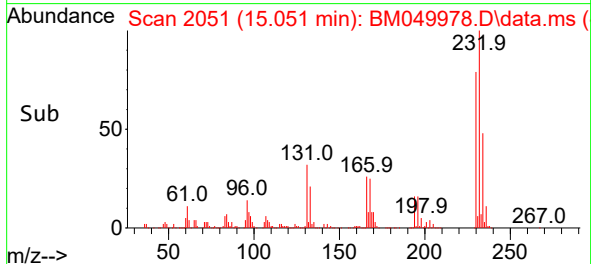
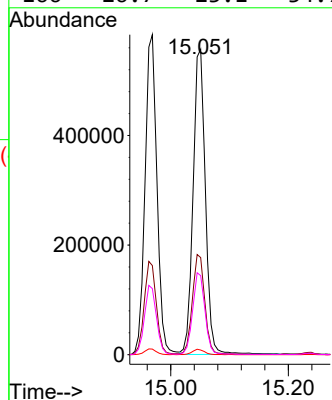
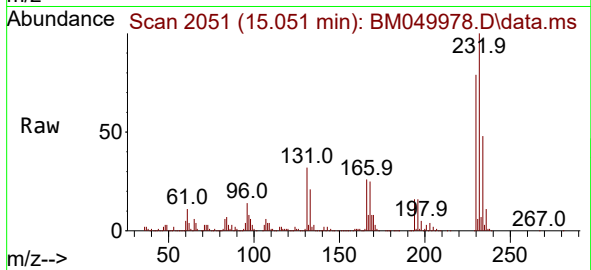




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.551 ng
RT: 15.051 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

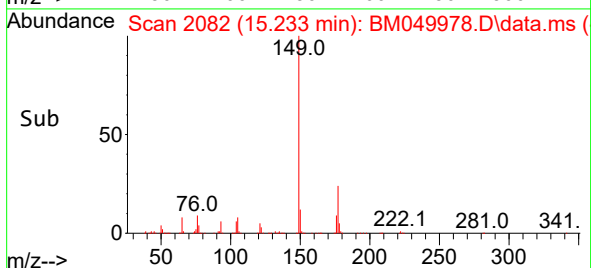
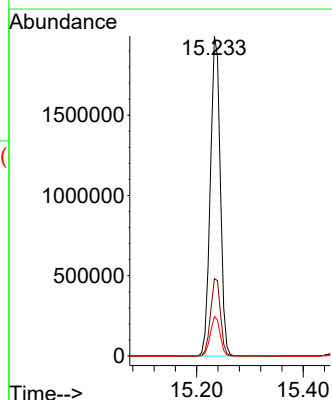
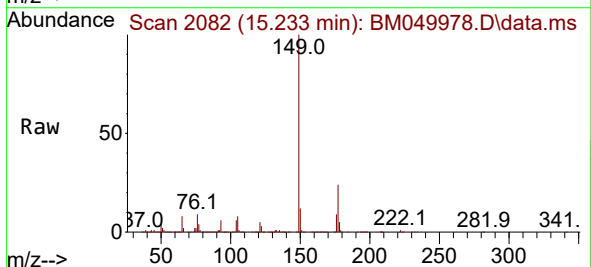
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

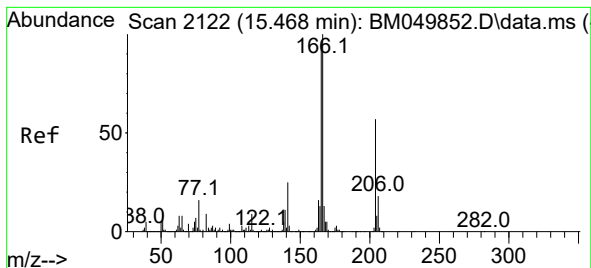
Tgt Ion:232 Resp: 808102
Ion Ratio Lower Upper
232 100
131 33.2 28.4 42.6
130 1.8 1.6 2.4
166 26.7 23.1 34.7



#60
Diethylphthalate
Concen: 38.395 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.012 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:149 Resp: 2567987
Ion Ratio Lower Upper
149 100
177 24.2 19.0 28.4
150 12.3 9.7 14.5

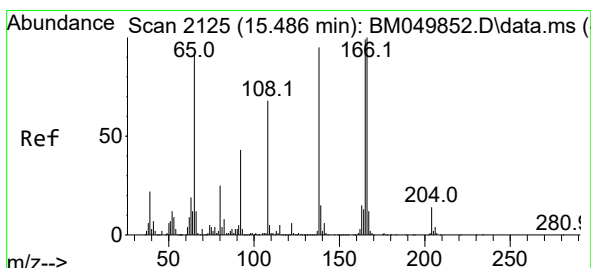
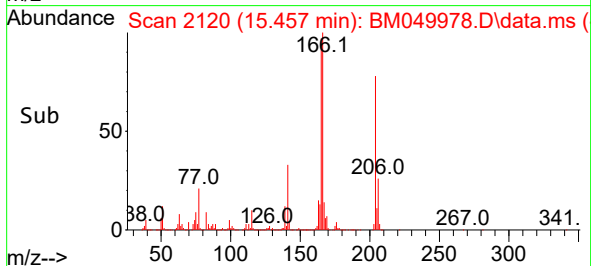
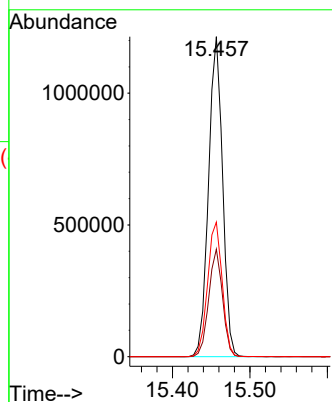
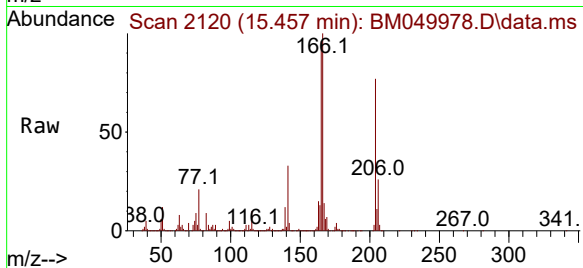




#61
4-Chlorophenyl-phenylether
Concen: 40.029 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

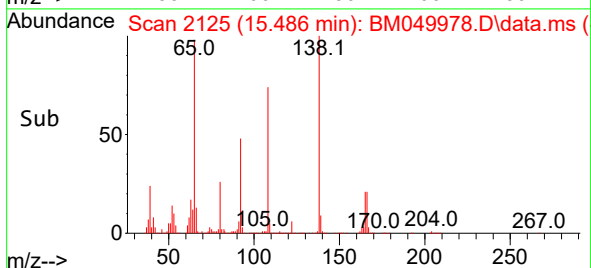
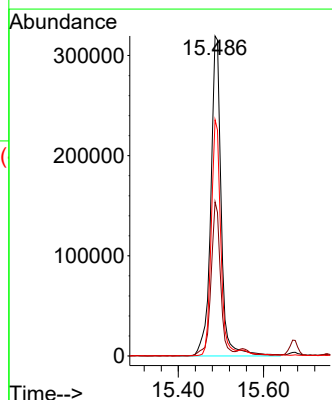
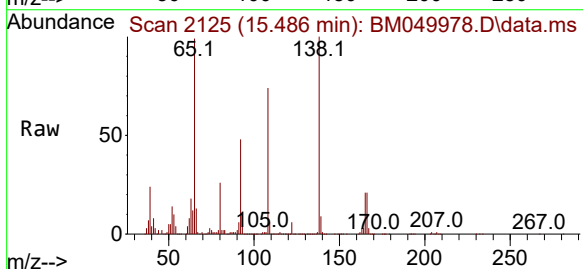
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

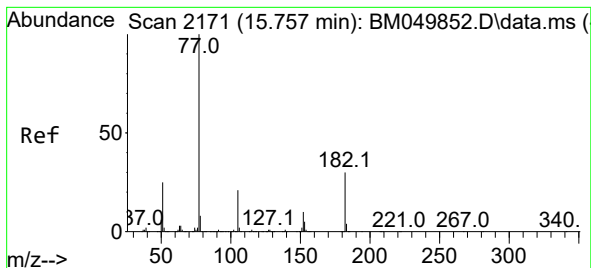
Tgt Ion:204 Resp: 1526240
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 42.1 35.0 52.6



#62
4-Nitroaniline
Concen: 37.131 ng
RT: 15.486 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:138 Resp: 542297
Ion Ratio Lower Upper
138 100
92 48.1 24.9 64.9
108 73.8 51.7 91.7





#63

Azobenzene

Concen: 37.835 ng

RT: 15.751 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 2166520

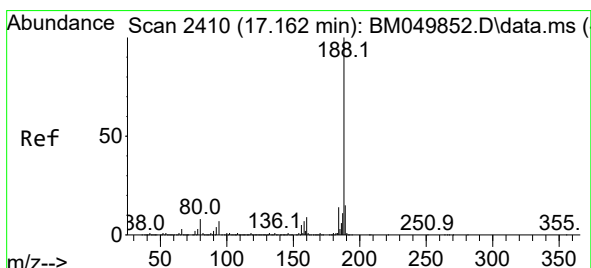
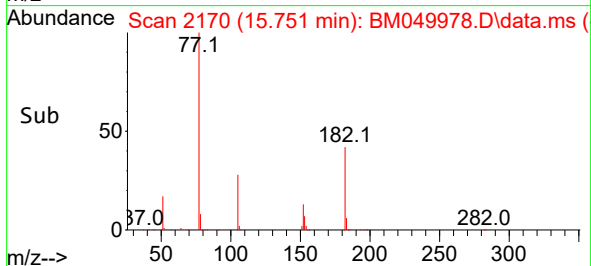
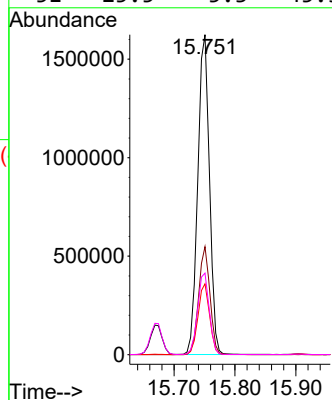
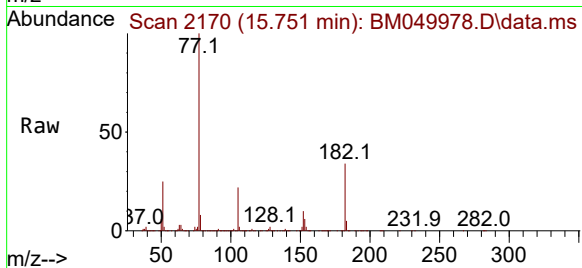
Ion Ratio Lower Upper

77 100

182 33.8 10.4 50.4

105 22.2 1.5 41.5

51 25.5 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: BM049978.D

Acq: 21 Apr 2025 09:57

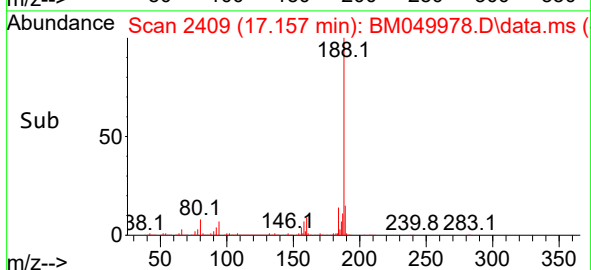
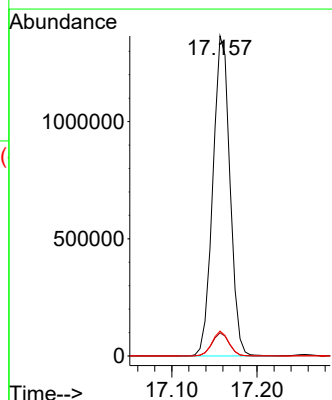
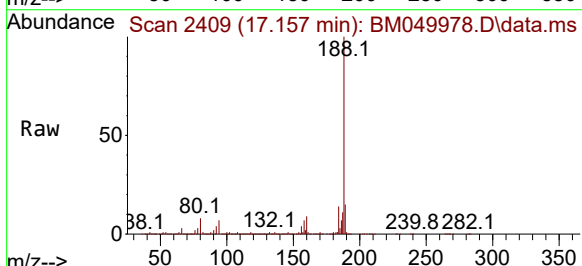
Tgt Ion:188 Resp: 1901939

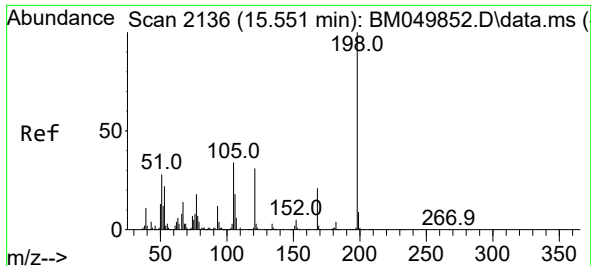
Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.6

80 7.8 6.4 9.6

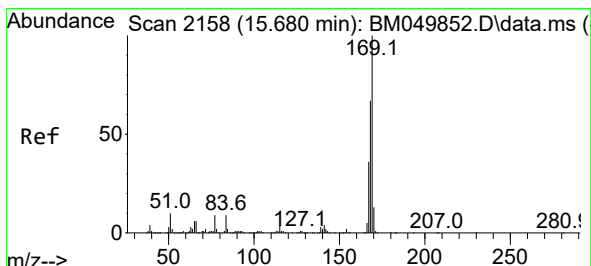
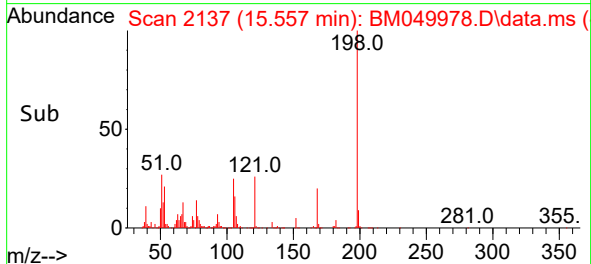
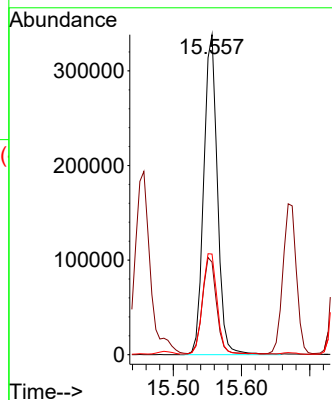
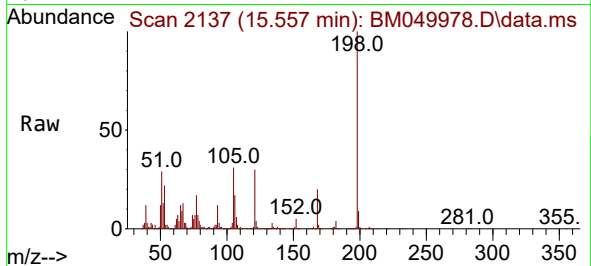




#65
4,6-Dinitro-2-methylphenol
Concen: 39.467 ng
RT: 15.557 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

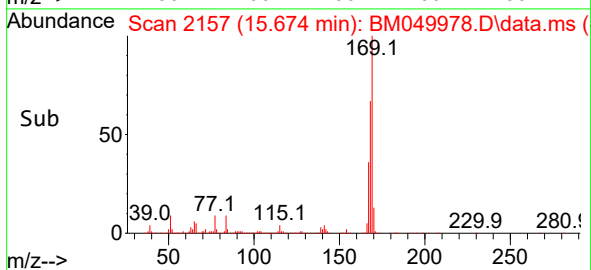
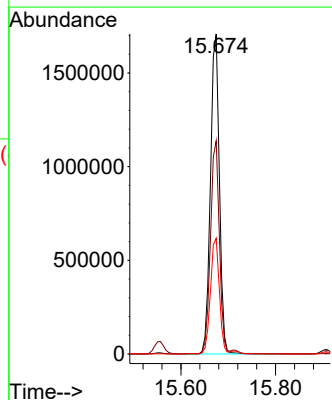
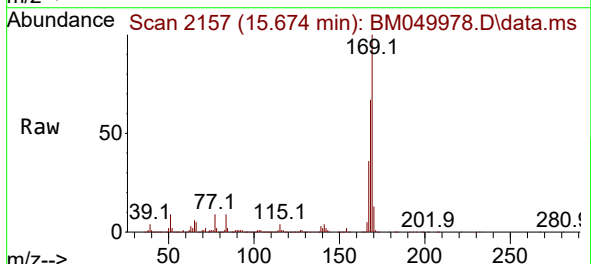
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

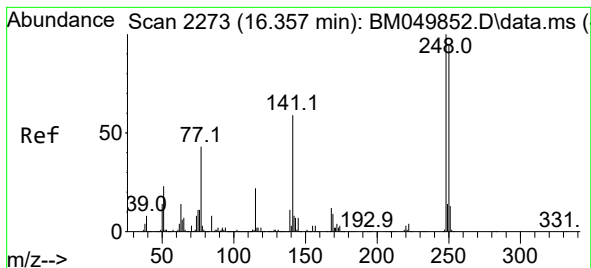
Tgt Ion:198 Resp: 473013
Ion Ratio Lower Upper
198 100
51 28.9 9.6 49.6
105 31.4 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 39.198 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:169 Resp: 2231054
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.2
167 36.2 29.0 43.6

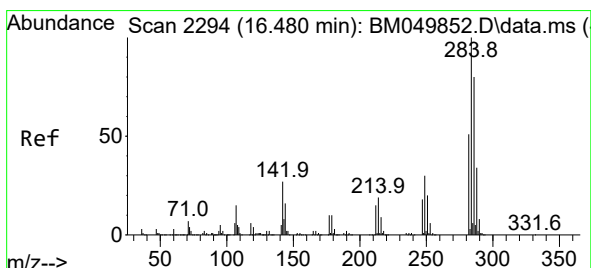
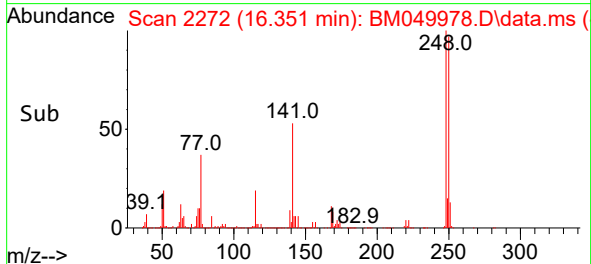
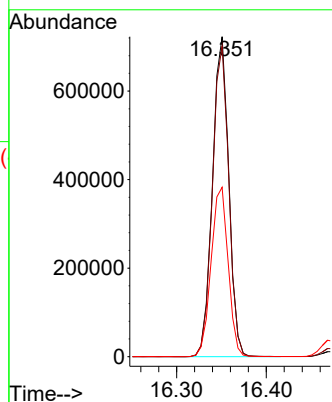
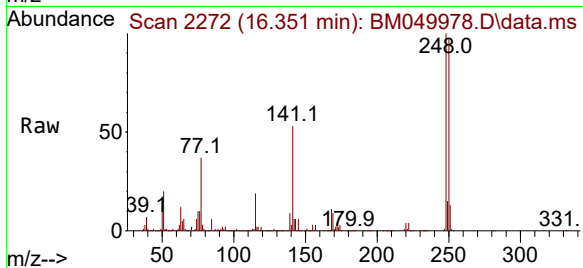




#67
4-Bromophenyl-phenylether
Concen: 41.282 ng
RT: 16.351 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

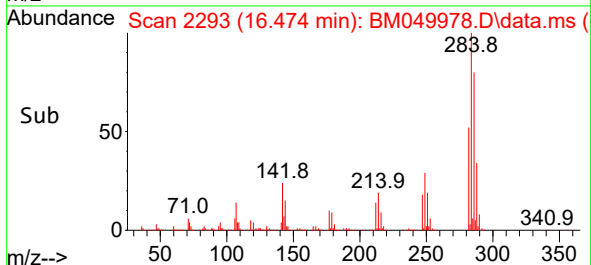
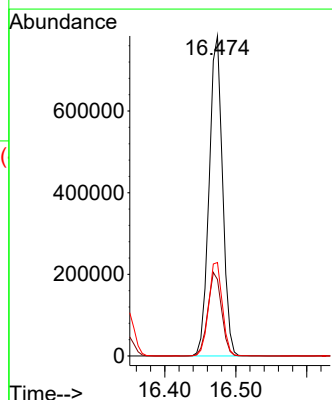
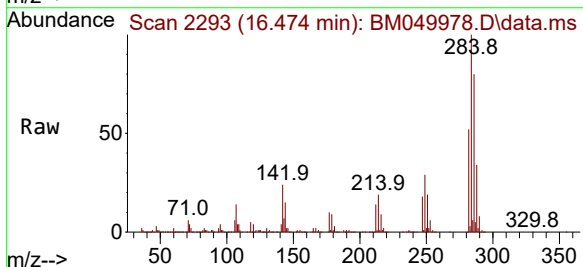
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

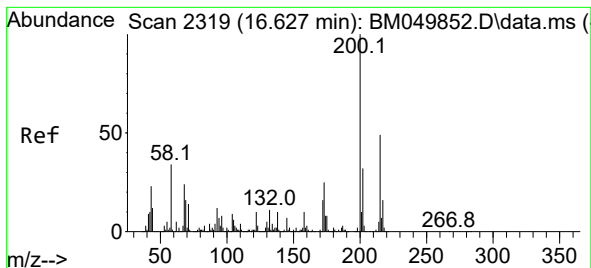
Tgt Ion:248 Resp: 911465
Ion Ratio Lower Upper
248 100
250 97.1 76.2 114.2
141 53.0 47.3 70.9



#68
Hexachlorobenzene
Concen: 40.658 ng
RT: 16.474 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:284 Resp: 1029683
Ion Ratio Lower Upper
284 100
142 23.9 21.2 31.8
249 29.2 24.1 36.1





#69

Atrazine

Concen: 32.325 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

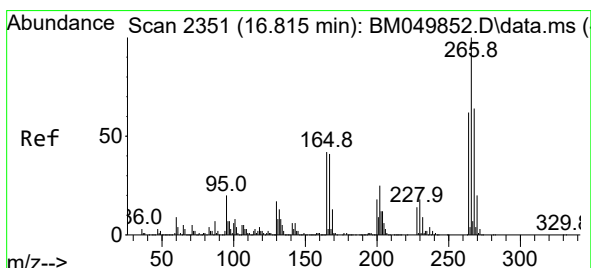
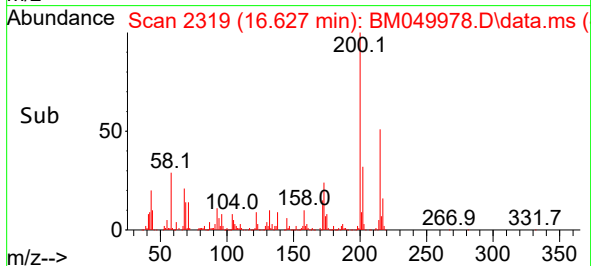
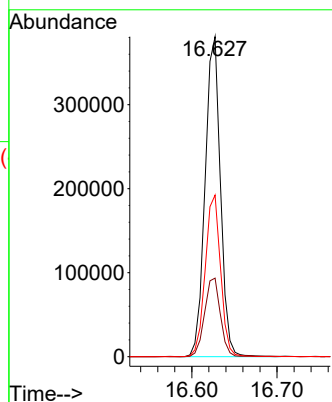
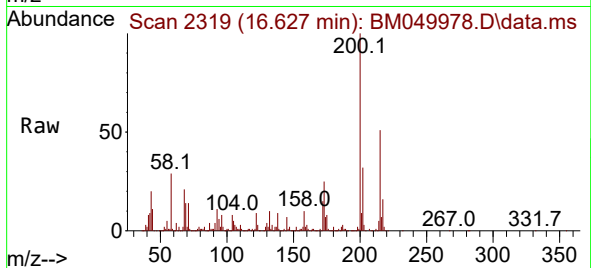
Tgt Ion:200 Resp: 477044

Ion Ratio Lower Upper

200 100

173 24.6 5.4 45.4

215 50.5 29.0 69.0



#70

Pentachlorophenol

Concen: 34.245 ng

RT: 16.821 min Scan# 2352

Delta R.T. 0.006 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

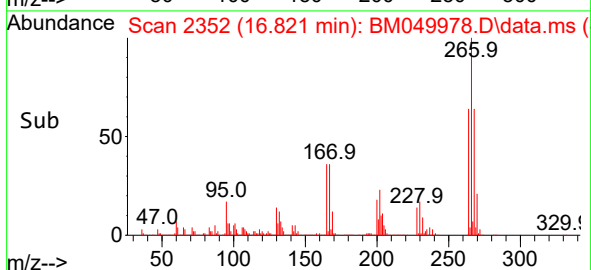
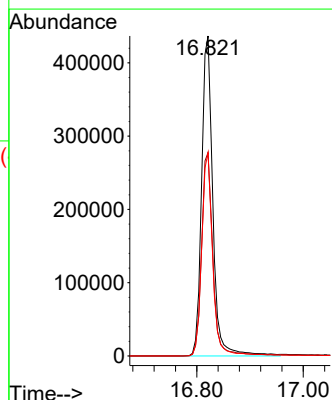
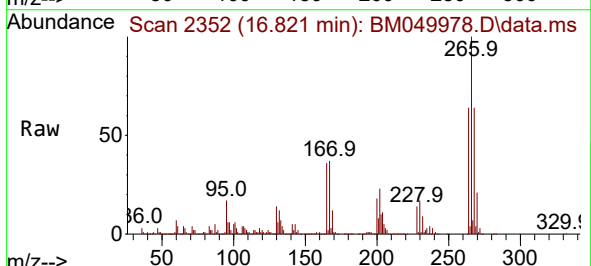
Tgt Ion:266 Resp: 638493

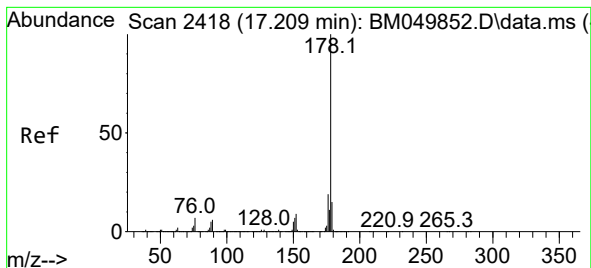
Ion Ratio Lower Upper

266 100

268 63.6 51.4 77.2

264 63.5 49.8 74.8





#71

Phenanthrene

Concen: 38.436 ng

RT: 17.204 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

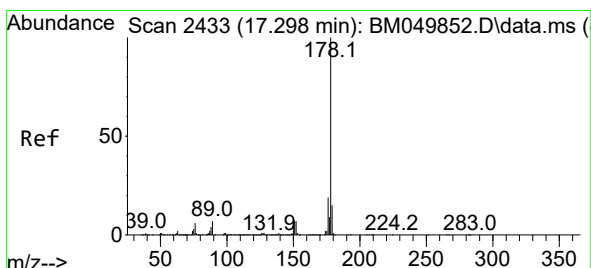
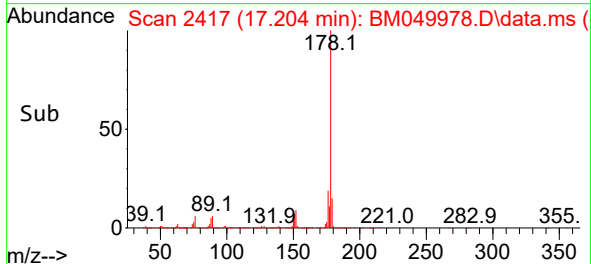
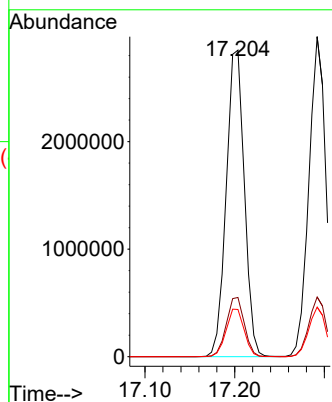
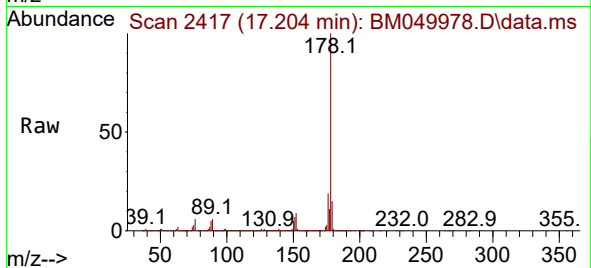
Tgt Ion:178 Resp: 4007799

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.4 12.3 18.5



#72

Anthracene

Concen: 38.563 ng

RT: 17.292 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

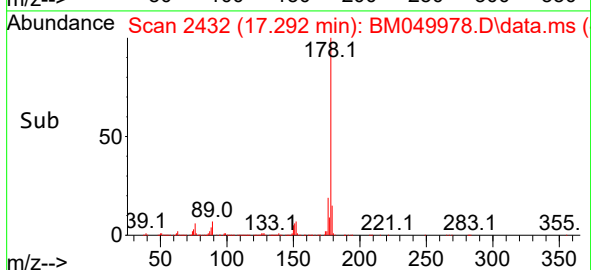
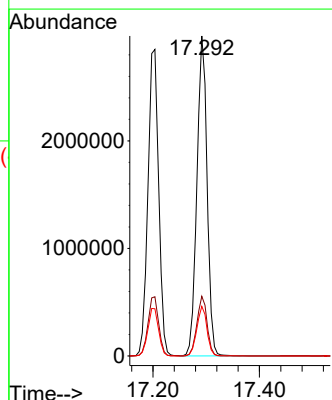
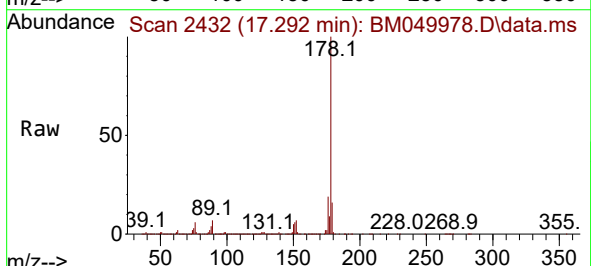
Tgt Ion:178 Resp: 3962642

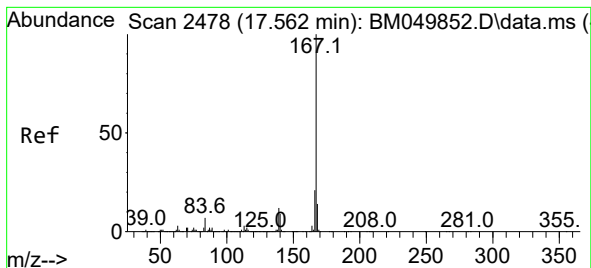
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.5 12.4 18.6





#73

Carbazole

Concen: 36.763 ng

RT: 17.568 min Scan# 24

Delta R.T. 0.006 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

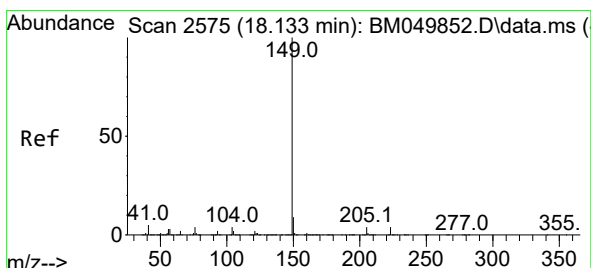
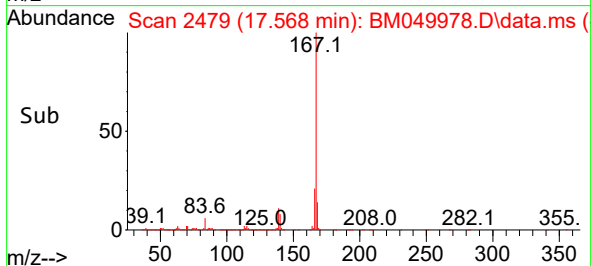
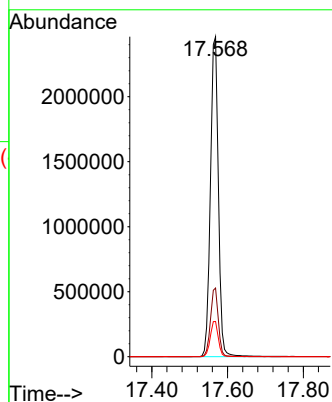
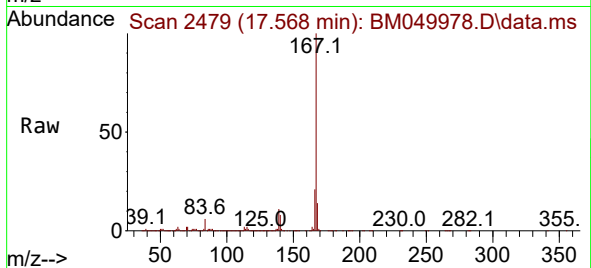
Tgt Ion:167 Resp: 3558113

Ion Ratio Lower Upper

167 100

166 21.4 16.9 25.3

139 11.0 9.3 13.9



#74

Di-n-butylphthalate

Concen: 37.340 ng

RT: 18.121 min Scan# 2573

Delta R.T. -0.012 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

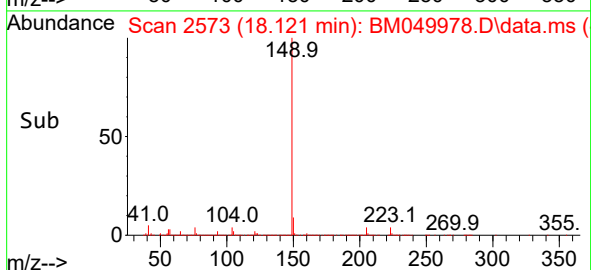
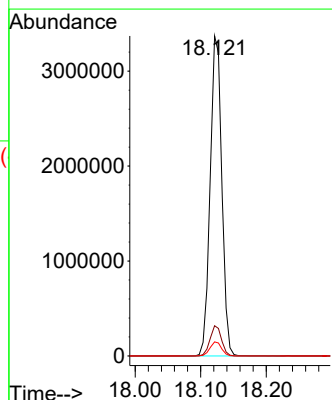
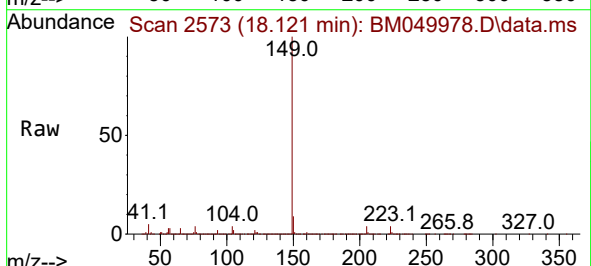
Tgt Ion:149 Resp: 4162559

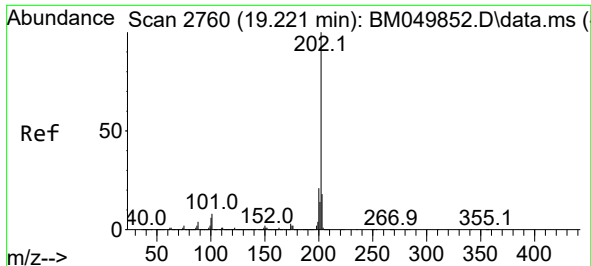
Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

104 4.4 3.5 5.3

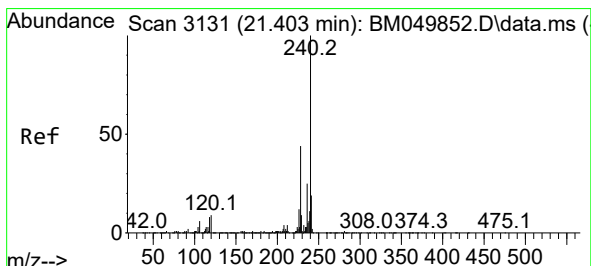
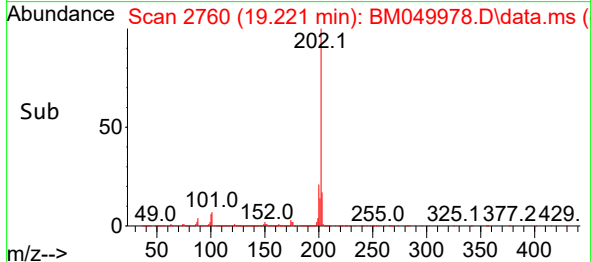
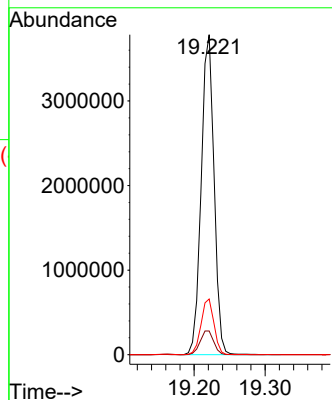
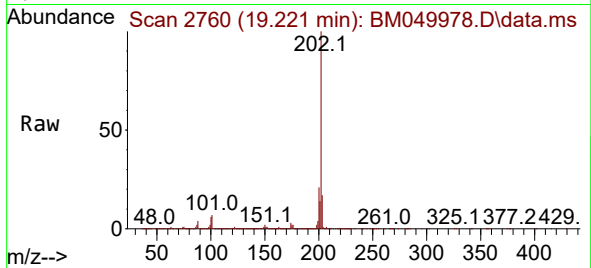




#75
Fluoranthene
Concen: 37.157 ng
RT: 19.221 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

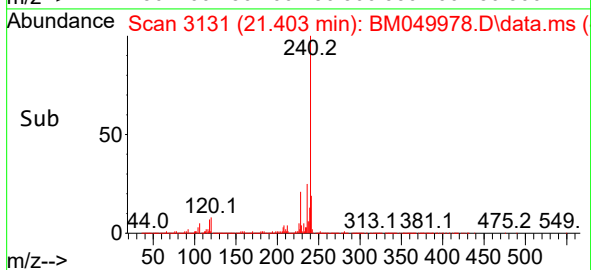
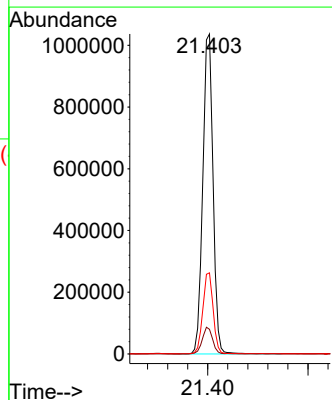
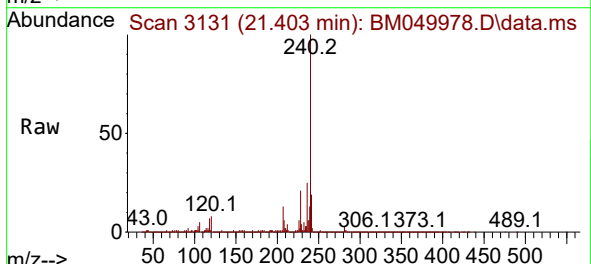
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

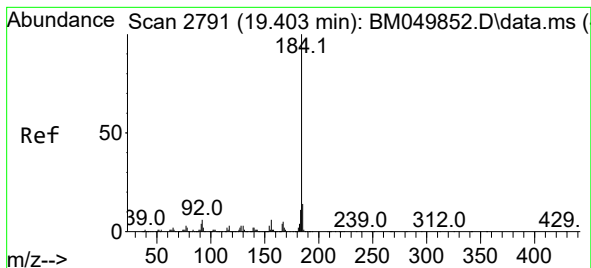
Tgt Ion:202 Resp: 4763746
Ion Ratio Lower Upper
202 100
101 7.4 0.0 28.4
203 17.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:240 Resp: 1473150
Ion Ratio Lower Upper
240 100
120 7.7 6.9 10.3
236 25.4 20.4 30.6





#77

Benzidine

Concen: 39.102 ng

RT: 19.403 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

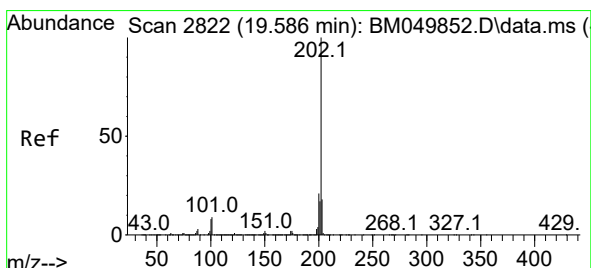
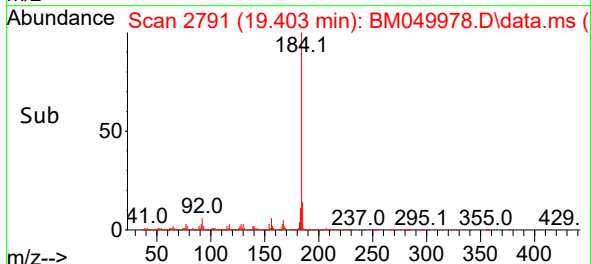
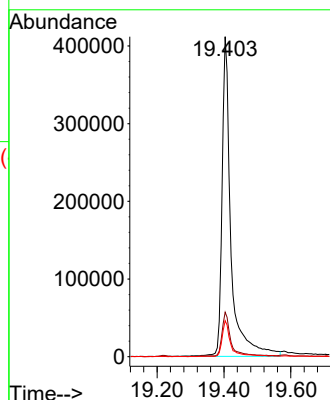
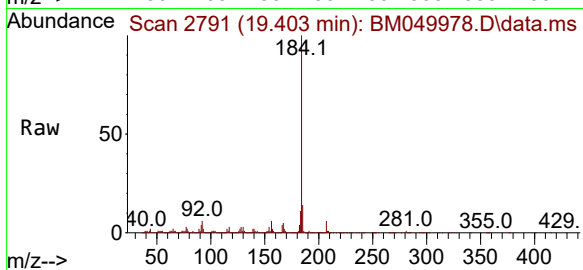
Tgt Ion:184 Resp: 764189

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.2

183 11.2 8.8 13.2



#78

Pyrene

Concen: 47.434 ng

RT: 19.580 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

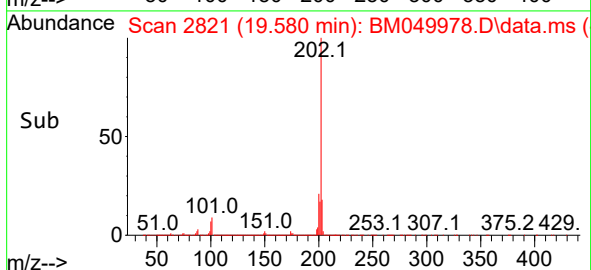
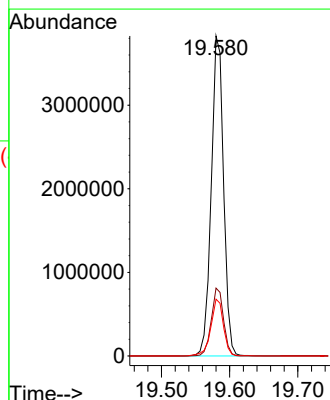
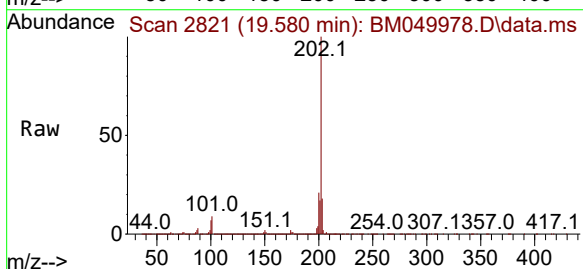
Tgt Ion:202 Resp: 4815851

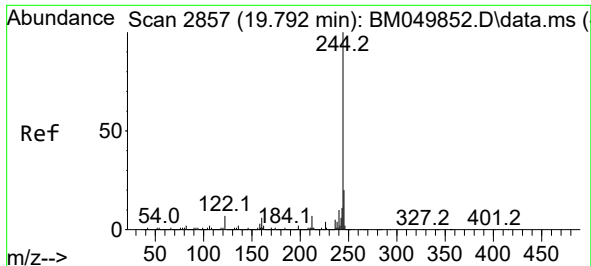
Ion Ratio Lower Upper

202 100

200 21.2 16.5 24.7

203 17.7 14.0 21.0

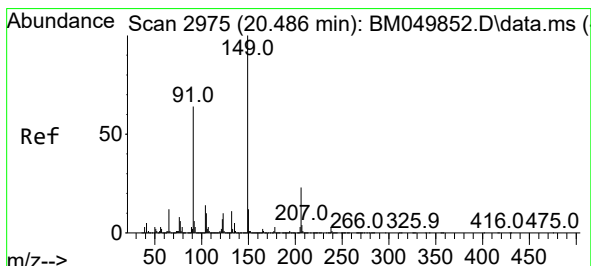
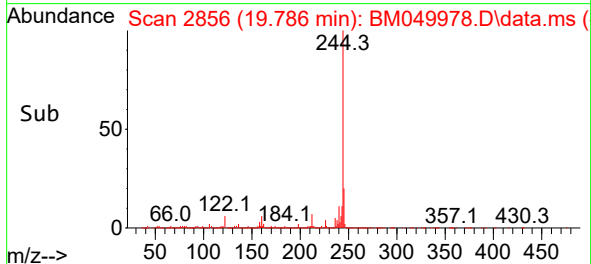
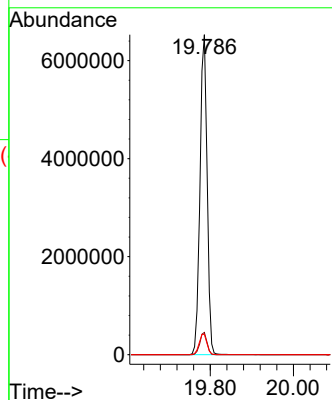
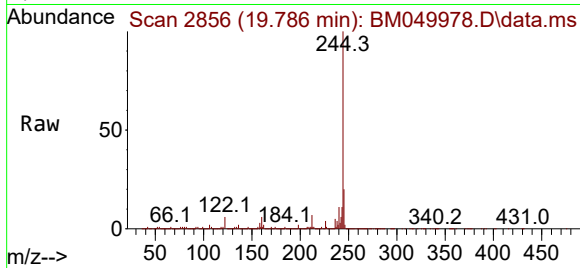




#79
 Terphenyl-d14
 Concen: 99.254 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049978.D
 Acq: 21 Apr 2025 09:57

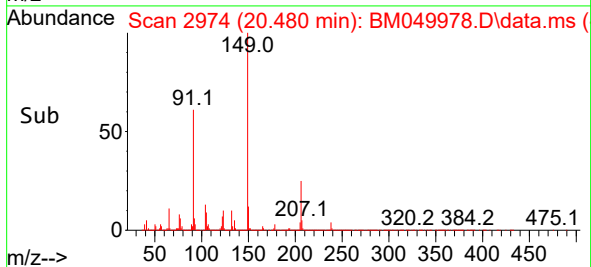
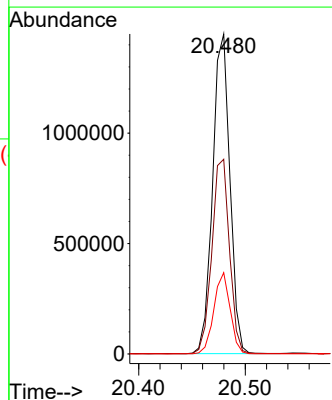
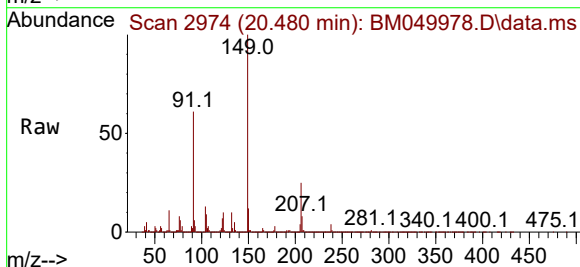
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

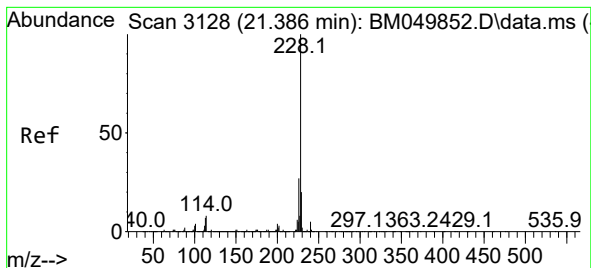
Tgt Ion:244 Resp: 7802165
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 6.3 5.4 8.0



#80
 Butylbenzylphthalate
 Concen: 42.532 ng
 RT: 20.480 min Scan# 2974
 Delta R.T. -0.006 min
 Lab File: BM049978.D
 Acq: 21 Apr 2025 09:57

Tgt Ion:149 Resp: 1622563
 Ion Ratio Lower Upper
 149 100
 91 60.9 50.9 76.3
 206 25.4 18.4 27.6





#81

Benzo(a)anthracene

Concen: 39.180 ng

RT: 21.386 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

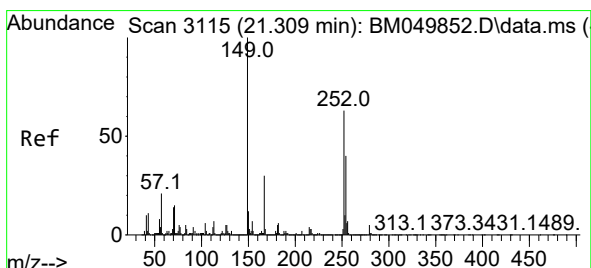
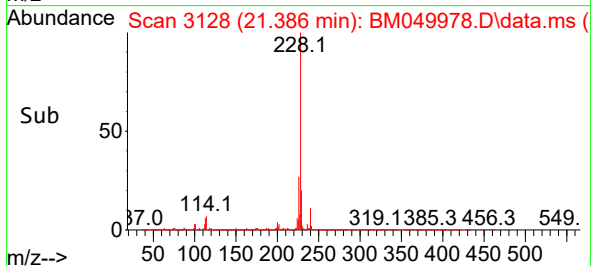
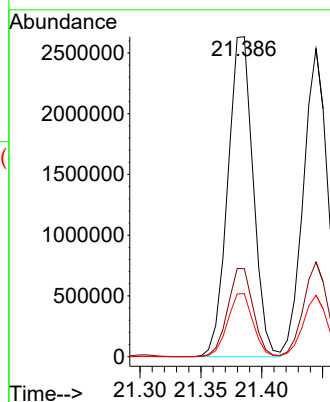
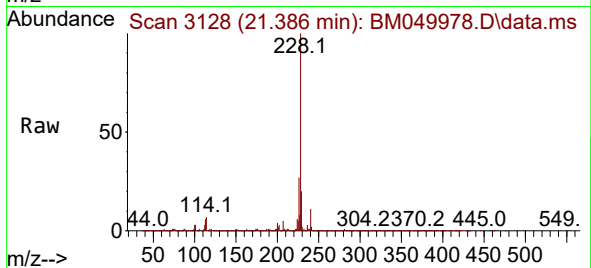
Tgt Ion:228 Resp: 3835915

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 33.957 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

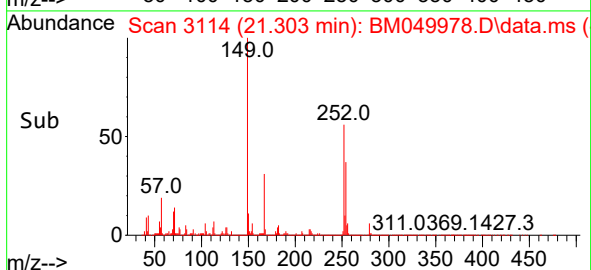
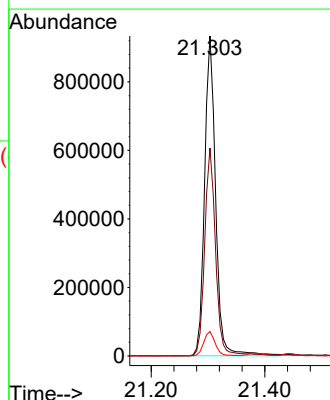
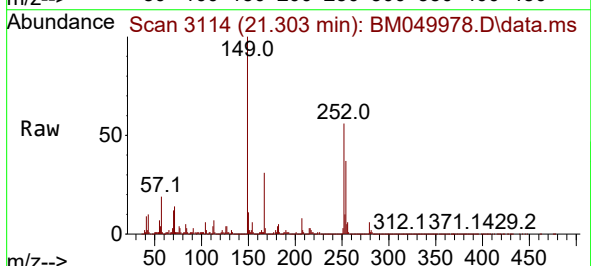
Tgt Ion:252 Resp: 1255505

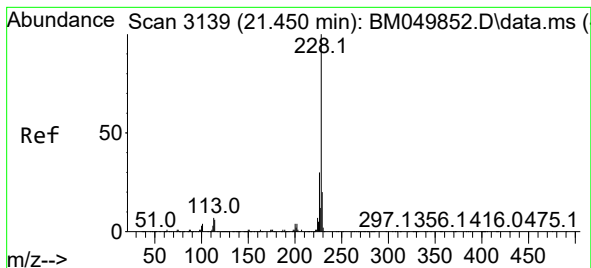
Ion Ratio Lower Upper

252 100

254 65.0 51.5 77.3

126 7.6 6.3 9.5





#83

Chrysene

Concen: 37.906 ng

RT: 21.445 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

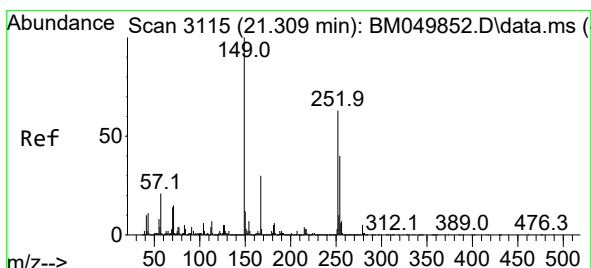
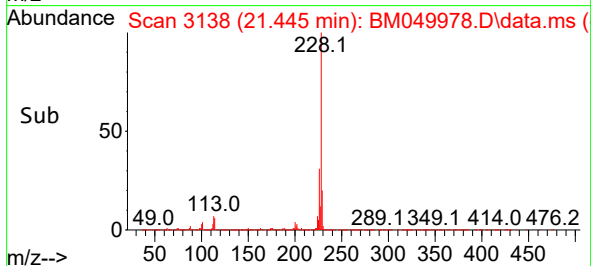
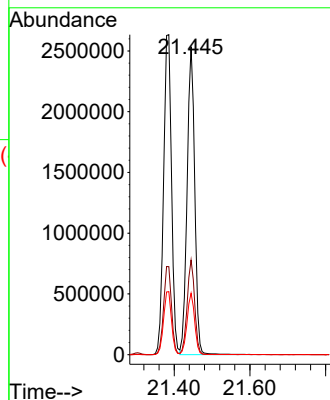
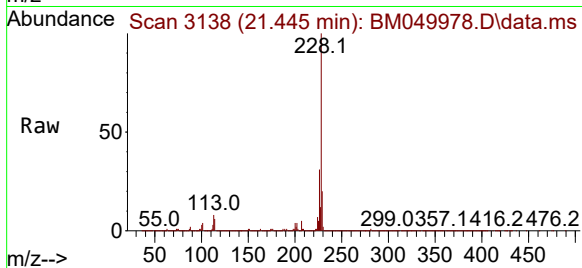
Tgt Ion:228 Resp: 3528251

Ion Ratio Lower Upper

228 100

226 30.8 24.1 36.1

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.969 ng

RT: 21.297 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

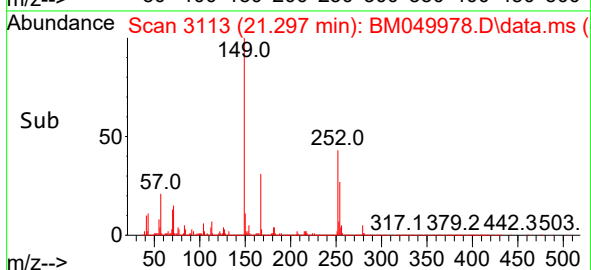
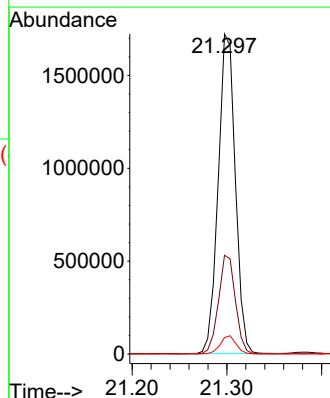
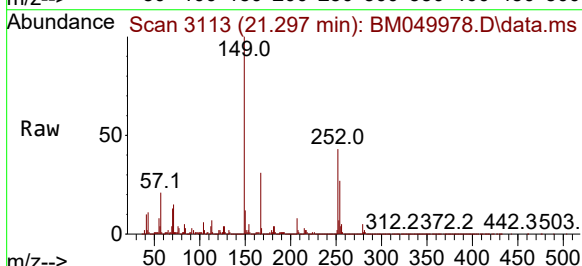
Tgt Ion:149 Resp: 2165959

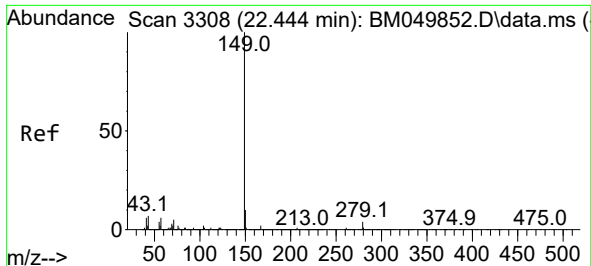
Ion Ratio Lower Upper

149 100

167 30.8 23.8 35.6

279 5.1 3.8 5.8

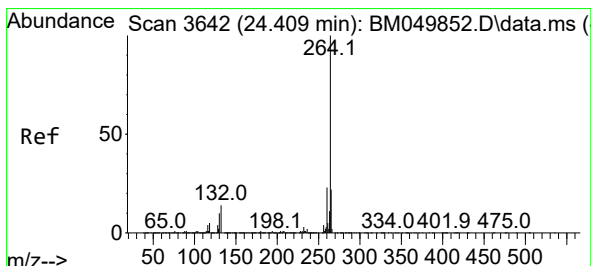
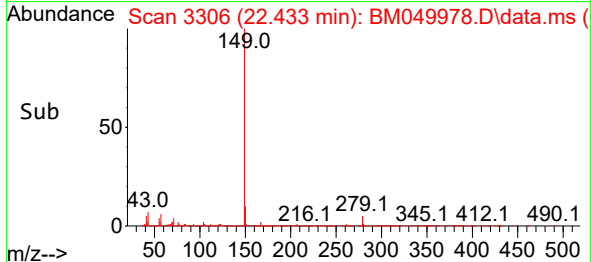
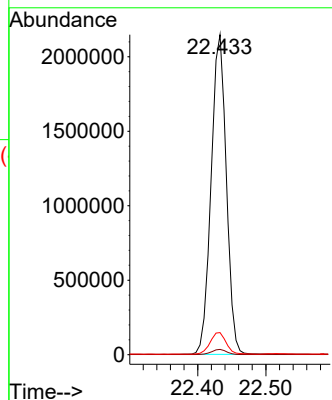
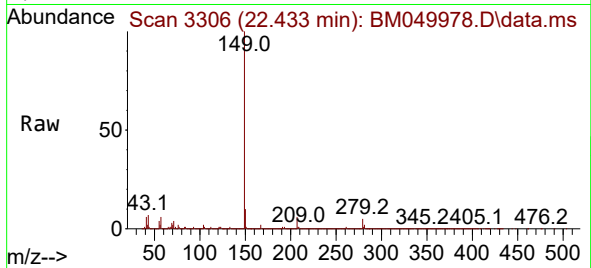




#85
Di-n-octyl phthalate
Concen: 34.288 ng
RT: 22.433 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

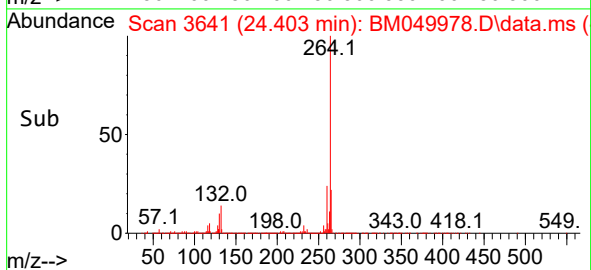
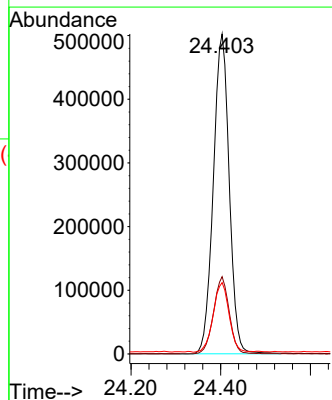
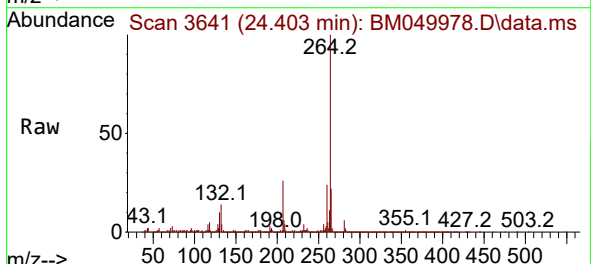
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

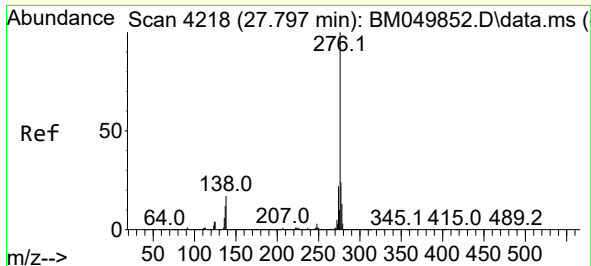
Tgt Ion:149 Resp: 3334041
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.0 5.8 8.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:264 Resp: 1238102
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.3 17.8 26.8

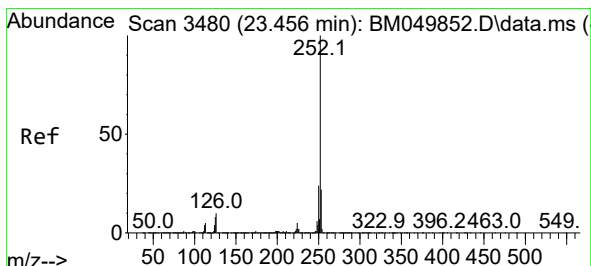
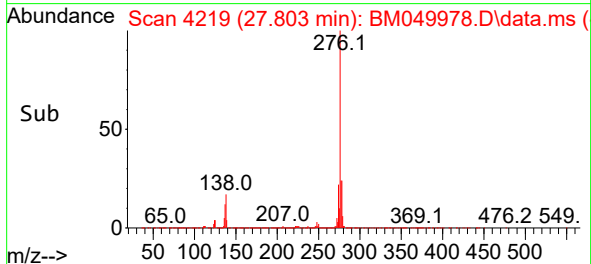
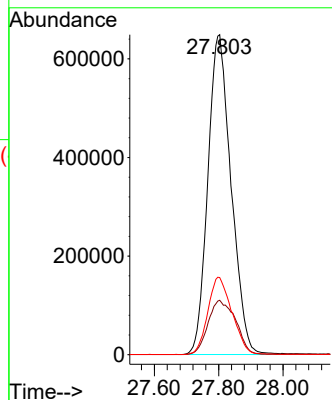
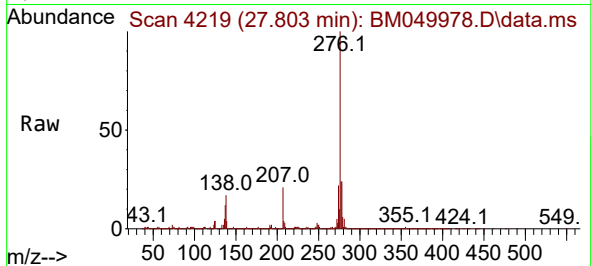




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.348 ng
 RT: 27.803 min Scan# 4218
 Delta R.T. 0.006 min
 Lab File: BM049978.D
 Acq: 21 Apr 2025 09:57

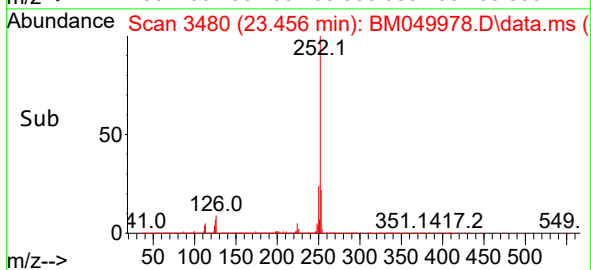
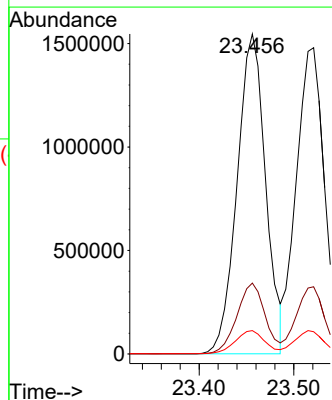
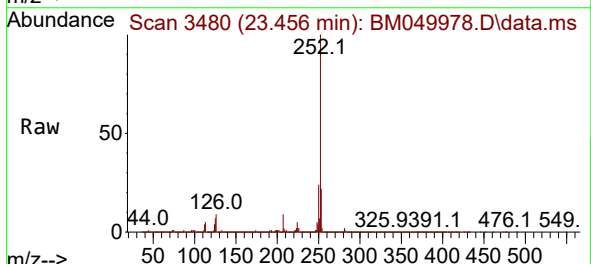
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

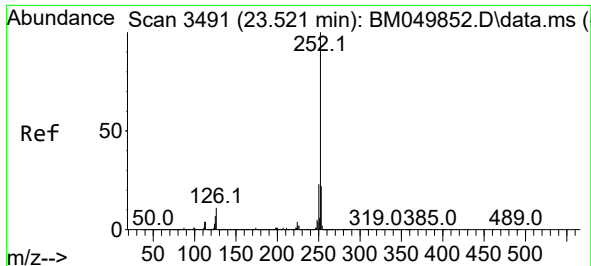
Tgt Ion:276 Resp: 3262232
 Ion Ratio Lower Upper
 276 100
 138 20.1 16.8 25.2
 277 25.0 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 40.782 ng
 RT: 23.456 min Scan# 3480
 Delta R.T. 0.000 min
 Lab File: BM049978.D
 Acq: 21 Apr 2025 09:57

Tgt Ion:252 Resp: 3224711
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 7.3 6.2 9.4

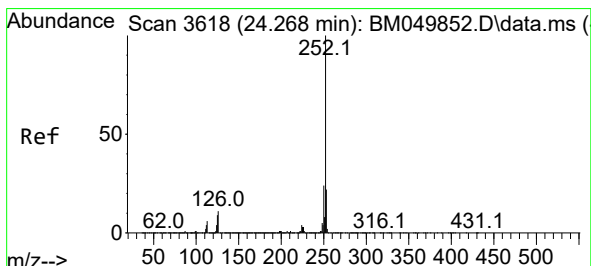
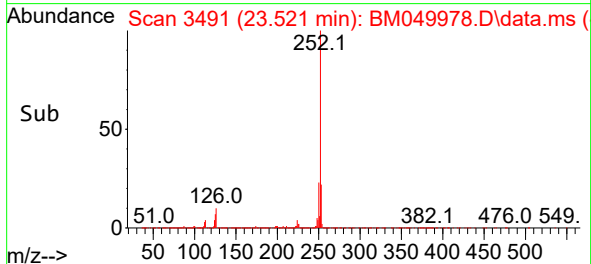
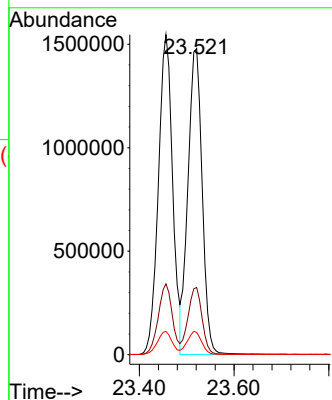
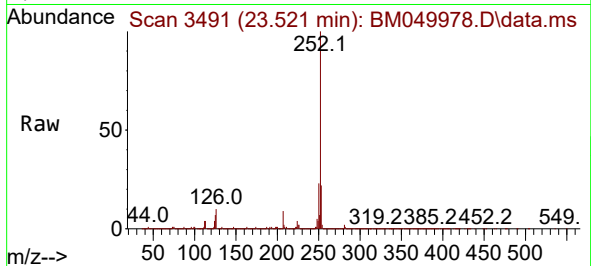




#89
Benzo(k)fluoranthene
Concen: 40.143 ng
RT: 23.521 min Scan# 3491
Delta R.T. 0.000 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

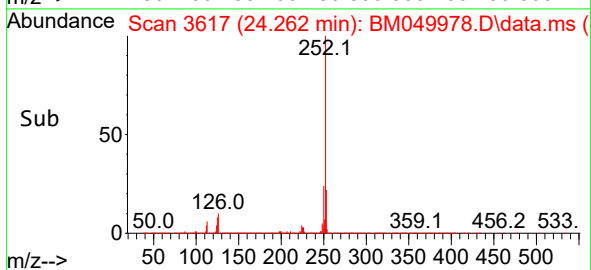
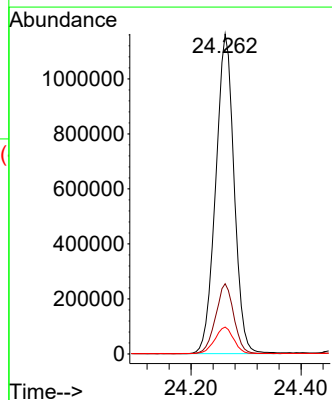
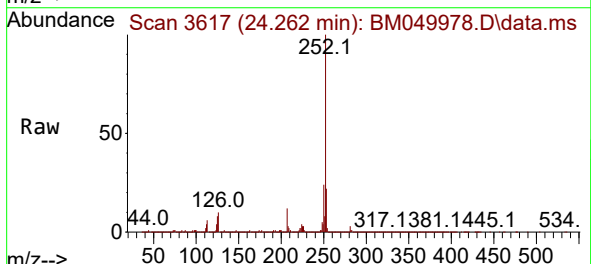
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

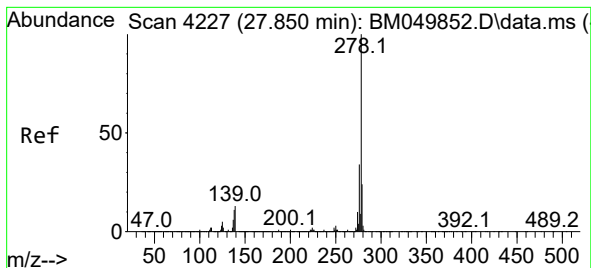
Tgt Ion:252 Resp: 3076084
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 7.3 5.8 8.8



#90
Benzo(a)pyrene
Concen: 38.843 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.006 min
Lab File: BM049978.D
Acq: 21 Apr 2025 09:57

Tgt Ion:252 Resp: 2698980
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.4 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 35.296 ng

RT: 27.850 min Scan# 4227

Delta R.T. 0.000 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

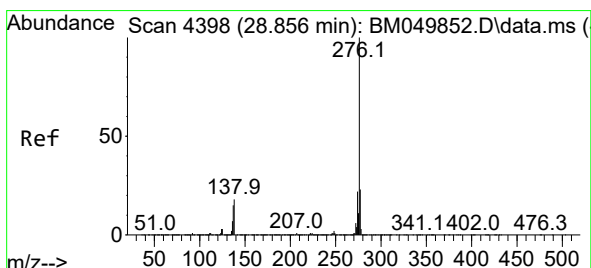
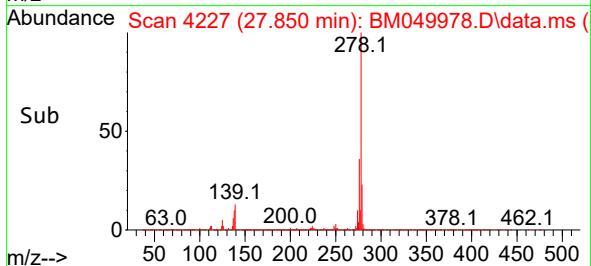
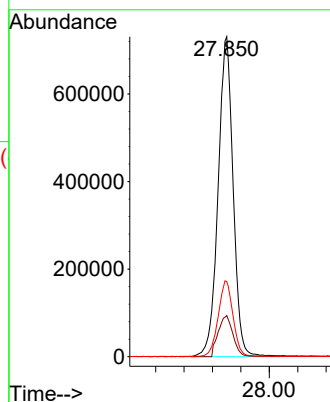
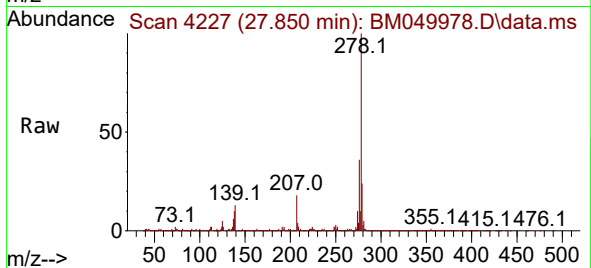
Tgt Ion:278 Resp: 2683131

Ion Ratio Lower Upper

278 100

139 12.9 10.6 15.8

279 23.5 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 34.533 ng

RT: 28.856 min Scan# 4398

Delta R.T. 0.000 min

Lab File: BM049978.D

Acq: 21 Apr 2025 09:57

Tgt Ion:276 Resp: 2682521

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 17.6 14.6 21.8

