

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049831.D
 Acq On : 04 Apr 2025 19:56
 Operator : RC/JU
 Sample : Q1694-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-18MS

Quant Time: Apr 04 22:57:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	356782	20.000	ng	-0.01
21) Naphthalene-d8	10.586	136	1294303	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	862231	20.000	ng	-0.01
64) Phenanthrene-d10	17.174	188	1735840	20.000	ng	-0.01
76) Chrysene-d12	21.415	240	1721481	20.000	ng	-0.01
86) Perylene-d12	24.421	264	1866539	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2131663	100.813	ng	-0.01
7) Phenol-d6	6.969	99	2740294	103.268	ng	-0.01
23) Nitrobenzene-d5	8.945	82	1588023	62.993	ng	-0.02
42) 2,4,6-Tribromophenol	15.921	330	1411590	140.202	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	4344581	63.104	ng	-0.01
79) Terphenyl-d14	19.798	244	7051205	69.023	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	327074	35.732	ng	96
3) Pyridine	3.669	79	905148	38.720	ng	98
4) n-Nitrosodimethylamine	3.575	42	369701	35.742	ng	89
6) Aniline	7.116	93	1180028	53.080	ng	97
8) 2-Chlorophenol	7.357	128	1045795	49.944	ng	97
9) Benzaldehyde	6.928	77	602975	45.965	ng	95
10) Phenol	6.992	94	1255026	48.777	ng	95
11) bis(2-Chloroethyl)ether	7.210	93	928576	44.566	ng	97
12) 1,3-Dichlorobenzene	7.681	146	1191597	46.827	ng	97
13) 1,4-Dichlorobenzene	7.828	146	1200257	46.754	ng	98
14) 1,2-Dichlorobenzene	8.139	146	1164321	47.723	ng	99
15) Benzyl Alcohol	8.028	79	844425	50.709	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.316	45	1096453	44.774	ng	98
17) 2-Methylphenol	8.239	107	813160	53.232	ng	96
18) Hexachloroethane	8.869	117	379254	41.834	ng	89
19) n-Nitroso-di-n-propyla...	8.598	70	710167	46.154	ng	96
20) 3+4-Methylphenols	8.563	107	1111107	54.276	ng	95
22) Acetophenone	8.610	105	1422024	42.610	ng	97
24) Nitrobenzene	8.986	77	1020526	42.932	ng	95
25) Isophorone	9.516	82	1950869	50.402	ng	98
26) 2-Nitrophenol	9.698	139	540494	53.422	ng	96
27) 2,4-Dimethylphenol	9.769	122	887210	68.892	ng	96
28) bis(2-Chloroethoxy)met...	9.998	93	1219253	44.725	ng	98
29) 2,4-Dichlorophenol	10.239	162	1083945	51.654	ng	97
30) 1,2,4-Trichlorobenzene	10.451	180	1231870	46.920	ng	99
31) Naphthalene	10.639	128	3041164	45.695	ng	99
32) Benzoic acid	9.916	122	699773	63.892	ng	96
33) 4-Chloroaniline	10.745	127	856792	37.722	ng	97
34) Hexachlorobutadiene	10.928	225	764172	47.148	ng	99
35) Caprolactam	11.528	113	296534	60.865	ng	# 87
36) 4-Chloro-3-methylphenol	11.880	107	950287	52.769	ng	97
37) 2-Methylnaphthalene	12.251	142	2045877	43.962	ng	98
38) 1-Methylnaphthalene	12.475	142	2129077	47.419	ng	98
40) 1,2,4,5-Tetrachloroben...	12.622	216	1428498	45.104	ng	98
41) Hexachlorocyclopentadiene	12.604	237	575323	49.034	ng	98
43) 2,4,6-Trichlorophenol	12.863	196	937302	52.841	ng	97

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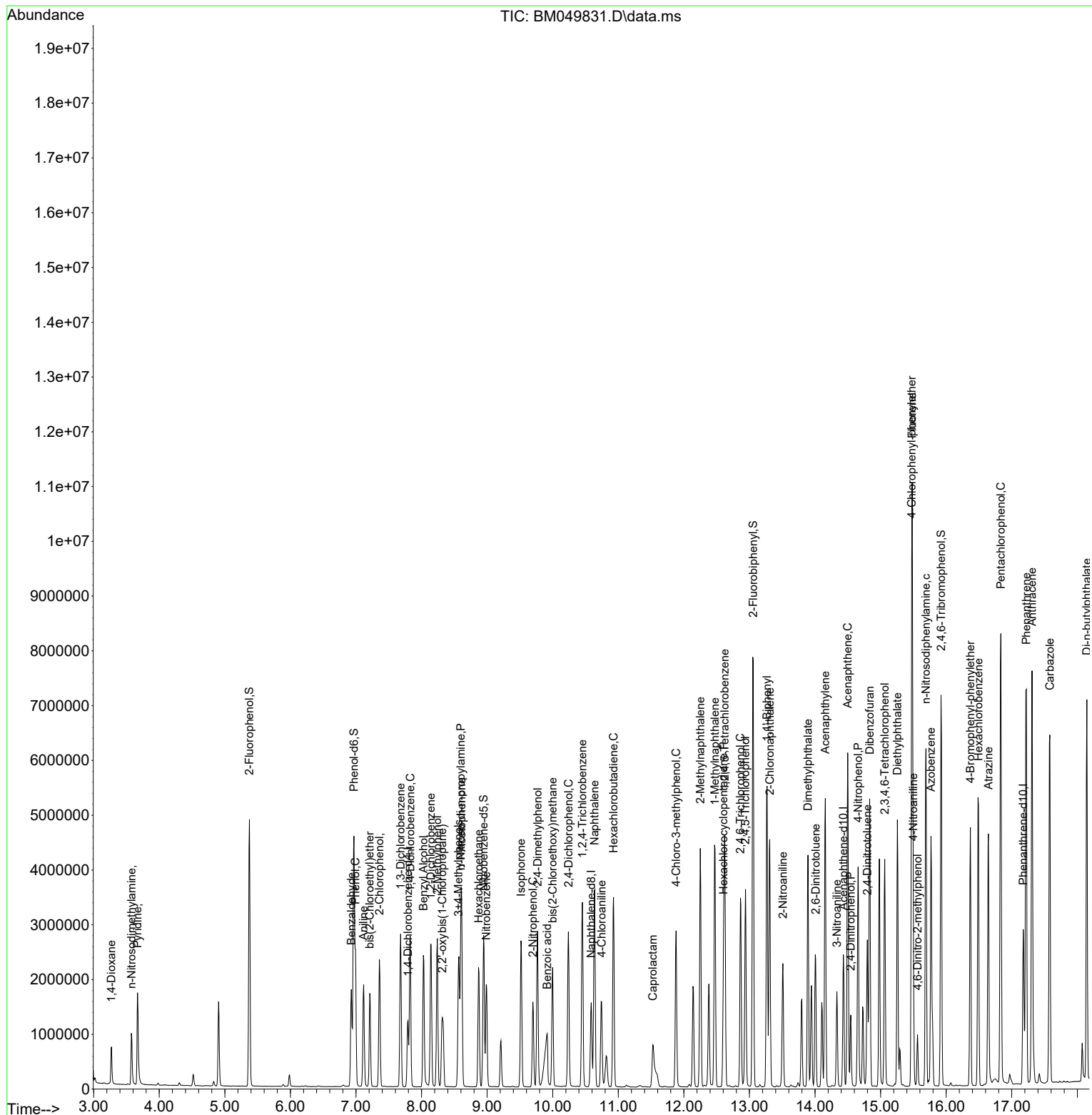
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	1020135	52.702	ng	97
46) 1,1'-Biphenyl	13.269	154	2987687	44.959	ng	98
47) 2-Chloronaphthalene	13.310	162	2383788	46.086	ng	100
48) 2-Nitroaniline	13.510	65	577604	49.744	ng	88
49) Acenaphthylene	14.157	152	3769193	52.133	ng	99
50) Dimethylphthalate	13.892	163	2800425	47.174	ng	100
51) 2,6-Dinitrotoluene	14.010	165	601714	50.586	ng	# 86
52) Acenaphthene	14.498	154	2182044	46.011	ng	98
53) 3-Nitroaniline	14.333	138	447415	39.527	ng	98
54) 2,4-Dinitrophenol	14.545	184	308689	49.273	ng	91
55) Dibenzofuran	14.833	168	3584928	45.365	ng	97
56) 4-Nitrophenol	14.657	139	1123672	114.046	ng	88
57) 2,4-Dinitrotoluene	14.798	165	850613	55.574	ng	92
58) Fluorene	15.480	166	3001109	46.645	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.063	232	871198	53.768	ng	97
60) Diethylphthalate	15.257	149	2672859	47.806	ng	97
61) 4-Chlorophenyl-phenyle...	15.474	204	1639431	46.663	ng	98
62) 4-Nitroaniline	15.498	138	572410	42.933	ng	91
63) Azobenzene	15.768	77	2601003	48.704	ng	94
65) 4,6-Dinitro-2-methylph...	15.563	198	226523	27.920	ng	97
66) n-Nitrosodiphenylamine	15.692	169	2516077	47.841	ng	98
67) 4-Bromophenyl-phenylether	16.368	248	999084	49.851	ng	97
68) Hexachlorobenzene	16.492	284	1133078	50.276	ng	95
69) Atrazine	16.645	200	925169	79.821	ng	99
70) Pentachlorophenol	16.833	266	1588260	112.143	ng	98
71) Phenanthrene	17.221	178	4636151	48.099	ng	100
72) Anthracene	17.309	178	4759687	50.990	ng	100
73) Carbazole	17.580	167	4282604	50.659	ng	99
74) Di-n-butylphthalate	18.145	149	4962054	53.553	ng	99
75) Fluoranthene	19.233	202	5564095	50.141	ng	99
77) Benzidine	19.421	184	5144221	248.731	ng	99
78) Pyrene	19.598	202	5692052	47.326	ng	100
80) Butylbenzylphthalate	20.492	149	2186734	58.586	ng	97
81) Benzo(a)anthracene	21.397	228	5694517	49.525	ng	99
82) 3,3'-Dichlorobenzidine	21.315	252	2248387	60.060	ng	98
83) Chrysene	21.456	228	5234523	48.024	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	3186763	54.784	ng	# 95
85) Di-n-octyl phthalate	22.456	149	5683539	62.863	ng	96
87) Indeno(1,2,3-cd)pyrene	27.826	276	6754576	50.278	ng	99
88) Benzo(b)fluoranthene	23.474	252	5602460	44.564	ng	99
89) Benzo(k)fluoranthene	23.538	252	5581332	45.118	ng	99
90) Benzo(a)pyrene	24.285	252	5372649	50.878	ng	99
91) Dibenzo(a,h)anthracene	27.879	278	5572457	49.785	ng	99
92) Benzo(g,h,i)perylene	28.885	276	5283895	46.866	ng	100

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

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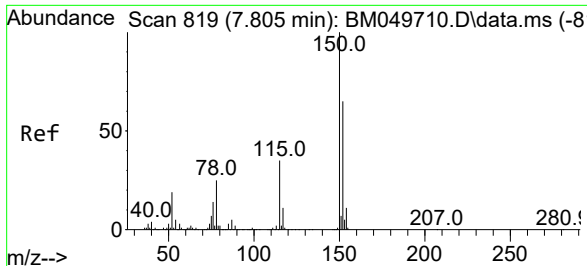
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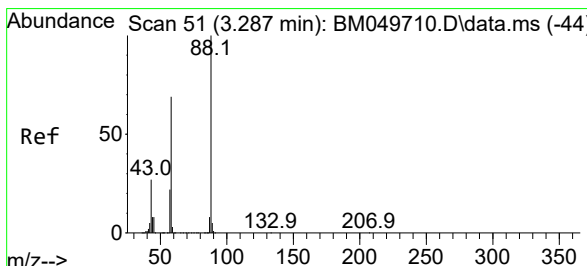
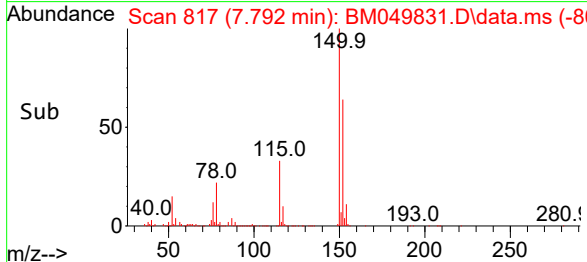
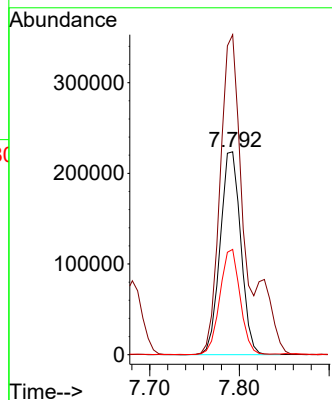
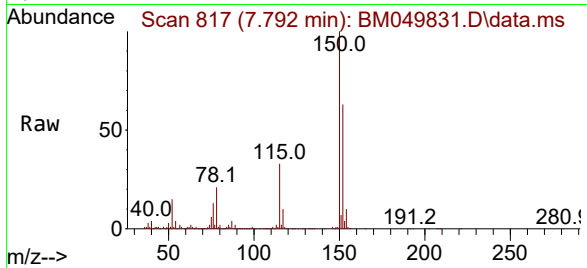




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.792 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: BM049831.D
 Acq: 04 Apr 2025 19:56

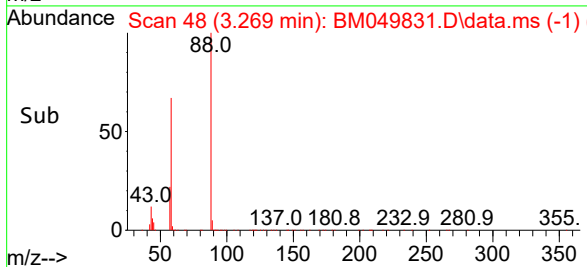
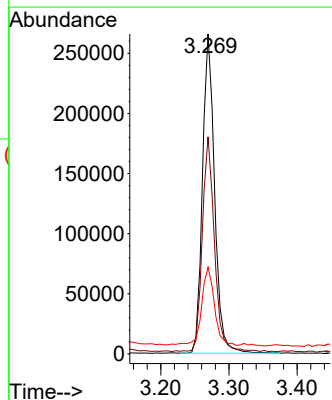
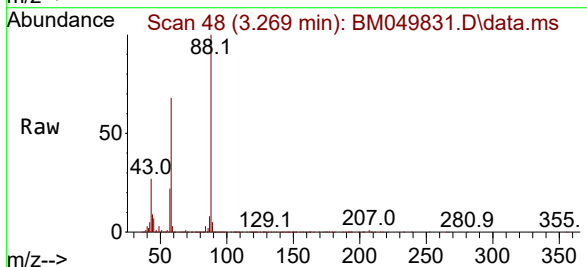
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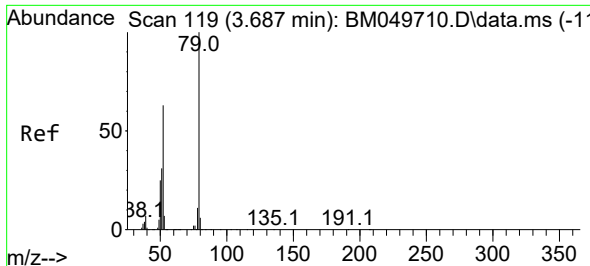
Tgt Ion:152 Resp: 356782
 Ion Ratio Lower Upper
 152 100
 150 157.8 123.8 185.8
 115 51.9 43.0 64.6



#2
 1,4-Dioxane
 Concen: 35.732 ng
 RT: 3.269 min Scan# 48
 Delta R.T. -0.018 min
 Lab File: BM049831.D
 Acq: 04 Apr 2025 19:56

Tgt Ion: 88 Resp: 327074
 Ion Ratio Lower Upper
 88 100
 58 67.9 56.7 85.1
 43 25.8 22.6 34.0



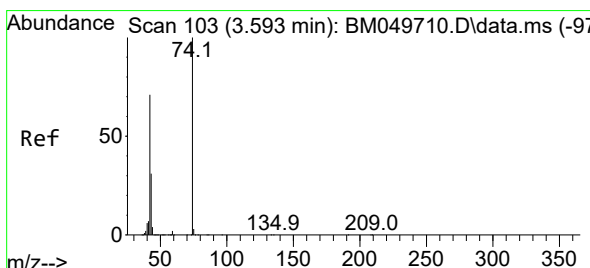
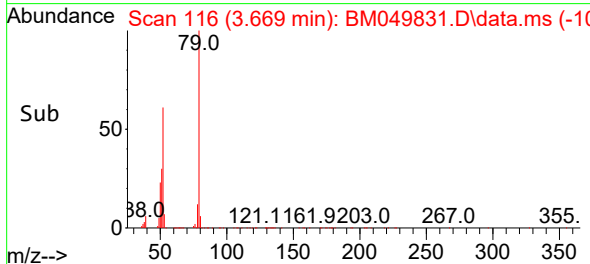
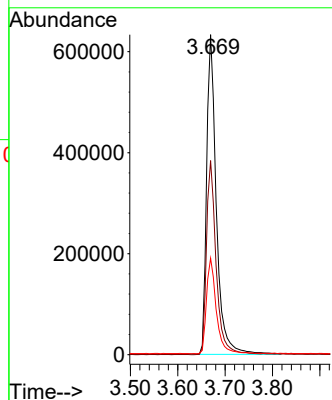
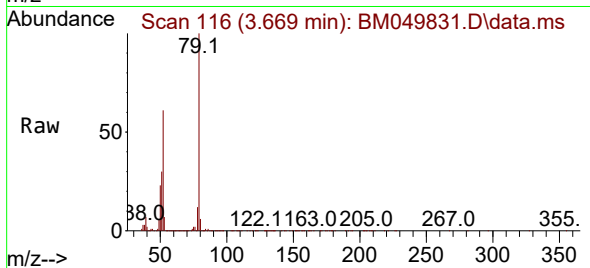


#3
 Pyridine
 Concen: 38.720 ng
 RT: 3.669 min Scan# 116
 Delta R.T. -0.018 min
 Lab File: BM049831.D
 Acq: 04 Apr 2025 19:56

Instrument :
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 ClientSampleId :
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Tgt Ion: 79 Resp: 905148

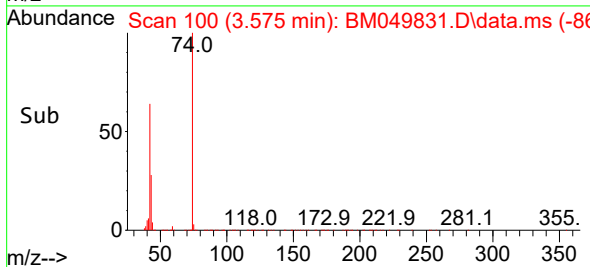
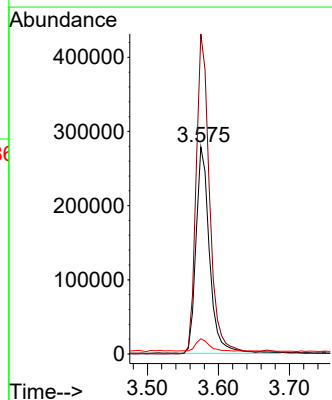
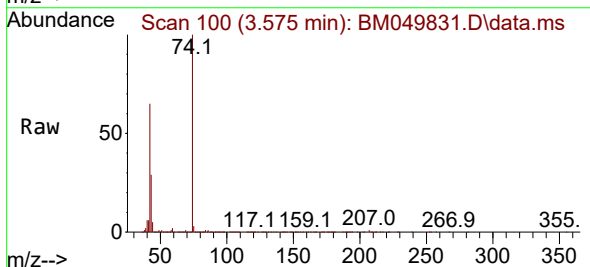
Ion	Ratio	Lower	Upper
79	100		
52	60.6	50.1	75.1
51	30.2	25.2	37.8

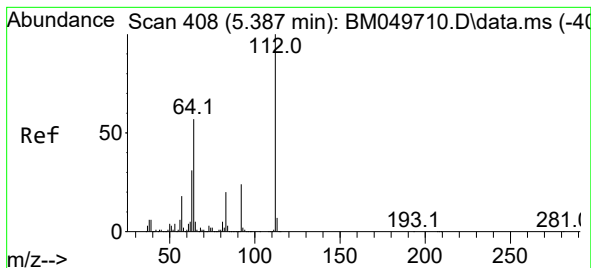


#4
 n-Nitrosodimethylamine
 Concen: 35.742 ng
 RT: 3.575 min Scan# 100
 Delta R.T. -0.018 min
 Lab File: BM049831.D
 Acq: 04 Apr 2025 19:56

Tgt Ion: 42 Resp: 369701

Ion	Ratio	Lower	Upper
42	100		
74	154.6	112.6	168.8
44	7.4	5.0	7.6

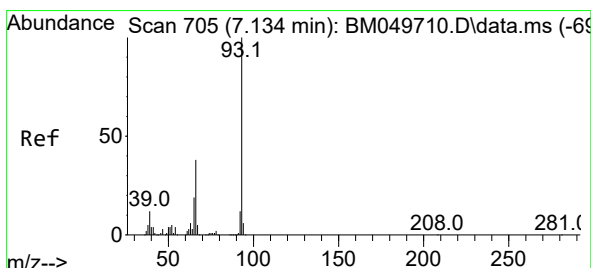
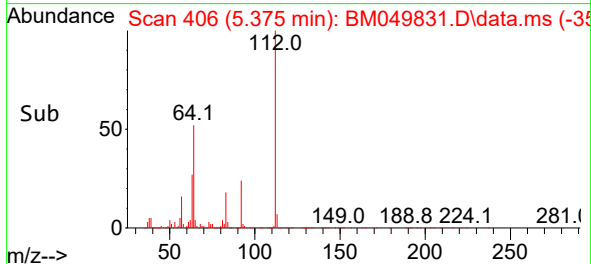
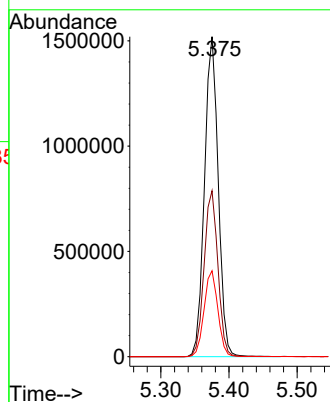
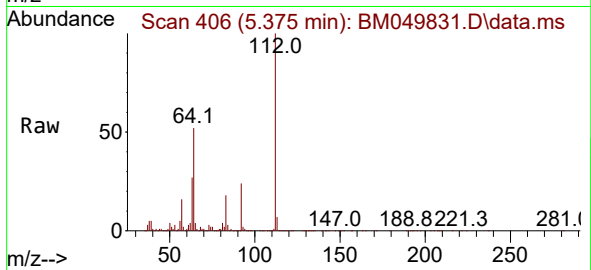




#5
2-Fluorophenol
Concen: 100.813 ng
RT: 5.375 min Scan# 408
Delta R.T. -0.012 min
Lab File: BM049831.D
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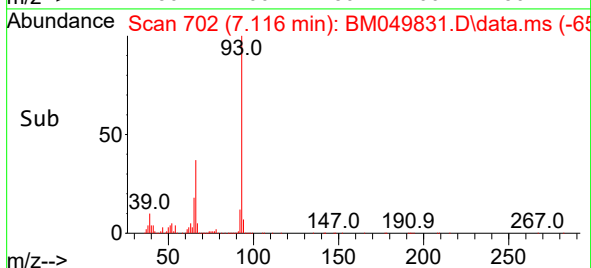
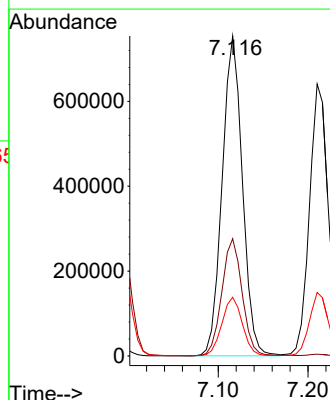
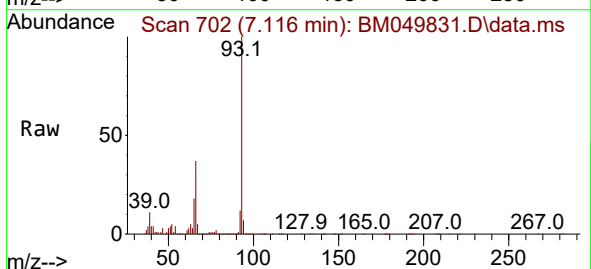
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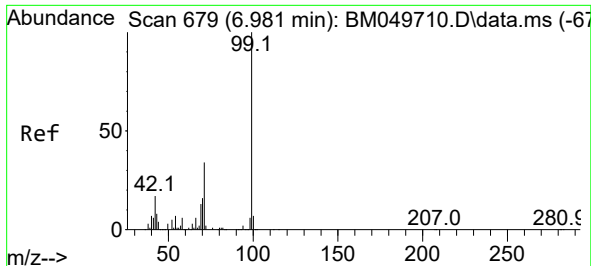
Tgt Ion:112 Resp: 2131663
Ion Ratio Lower Upper
112 100
64 51.8 45.3 67.9
63 26.9 24.4 36.6



#6
Aniline
Concen: 53.080 ng
RT: 7.116 min Scan# 702
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion: 93 Resp: 1180028
Ion Ratio Lower Upper
93 100
66 36.7 30.6 46.0
65 18.3 15.4 23.2

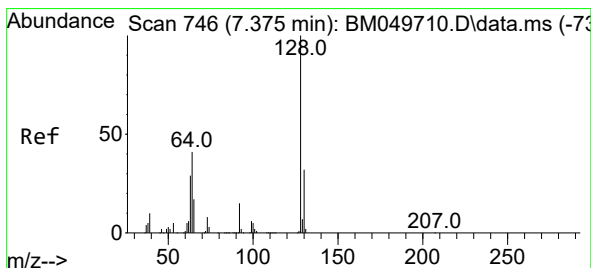
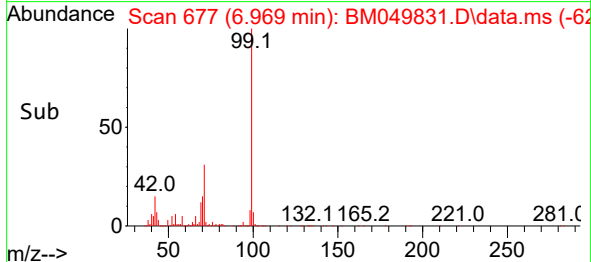
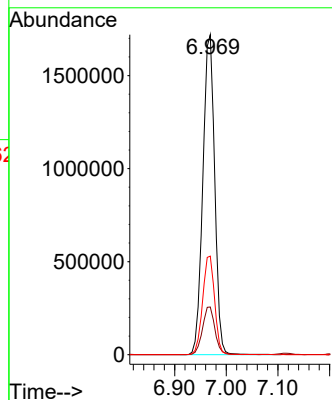
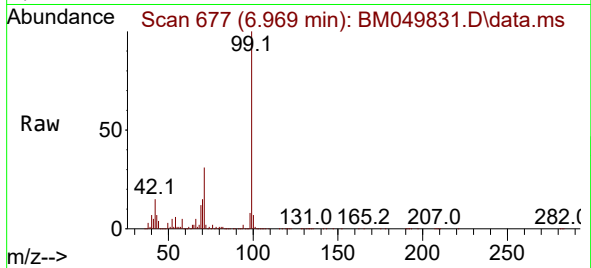




#7
Phenol-d6
Concen: 103.268 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM049831.D
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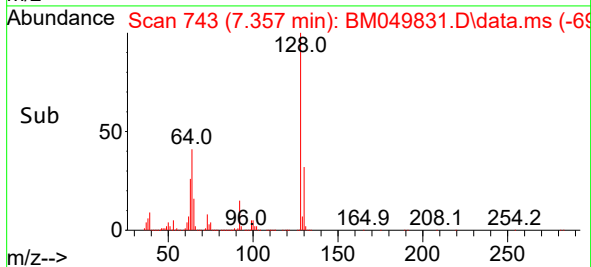
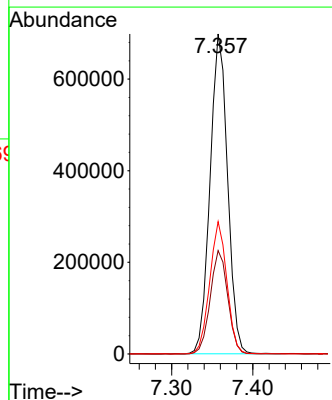
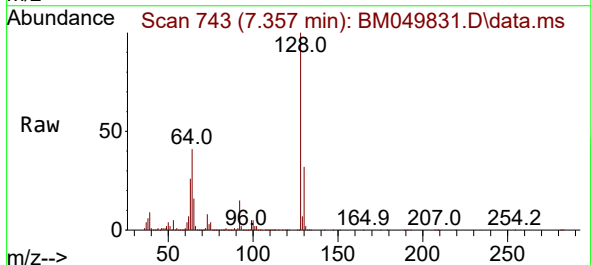
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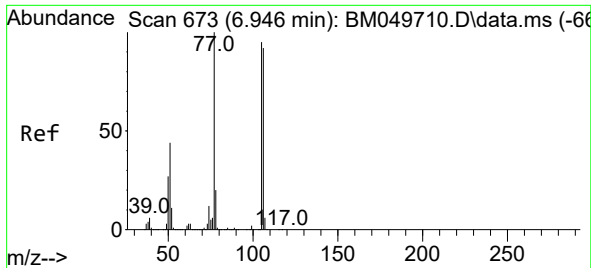
Tgt Ion: 99 Resp: 2740294
Ion Ratio Lower Upper
99 100
42 14.9 13.6 20.4
71 30.8 27.0 40.6



#8
2-Chlorophenol
Concen: 49.944 ng
RT: 7.357 min Scan# 743
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion: 128 Resp: 1045795
Ion Ratio Lower Upper
128 100
130 32.3 12.5 52.5
64 41.4 24.9 64.9

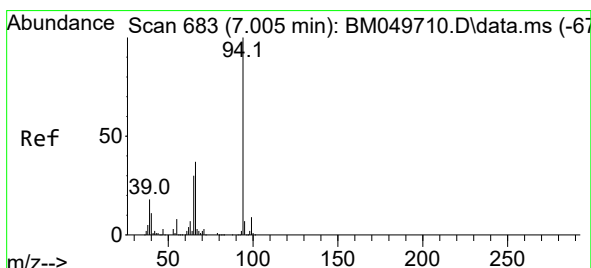
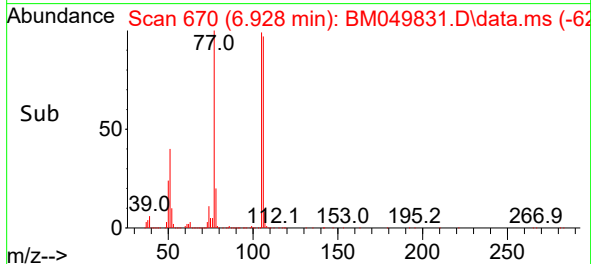
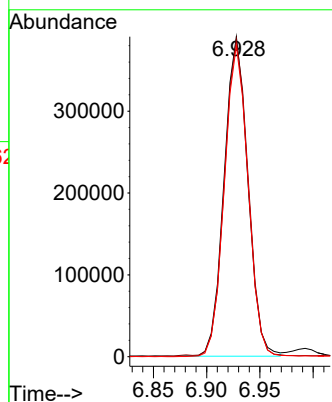
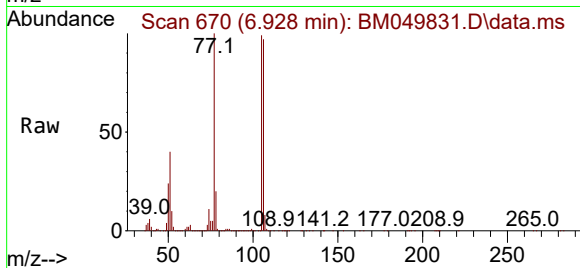




#9
Benzaldehyde
Concen: 45.965 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

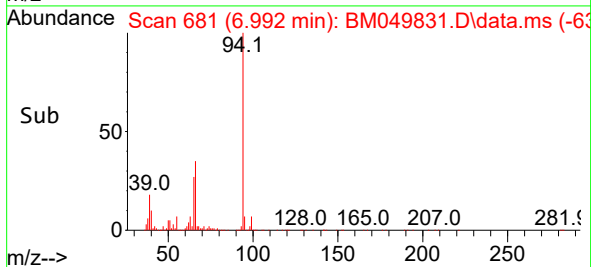
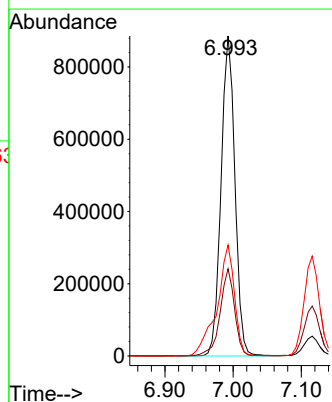
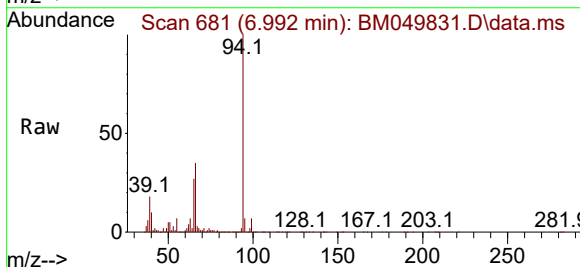
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ClientSampleId :
TP-18MS

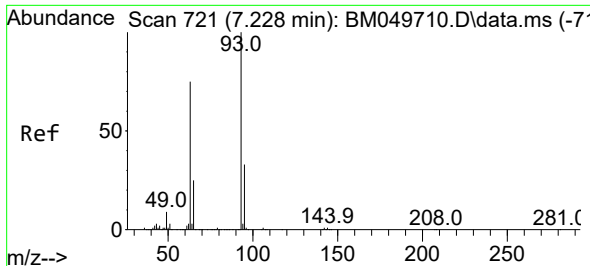
Tgt Ion: 77 Resp: 602975
Ion Ratio Lower Upper
77 100
105 99.3 75.0 115.0
106 97.3 72.3 112.3



#10
Phenol
Concen: 48.777 ng
RT: 6.992 min Scan# 681
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion: 94 Resp: 1255026
Ion Ratio Lower Upper
94 100
65 27.2 10.4 50.4
66 34.7 17.1 57.1

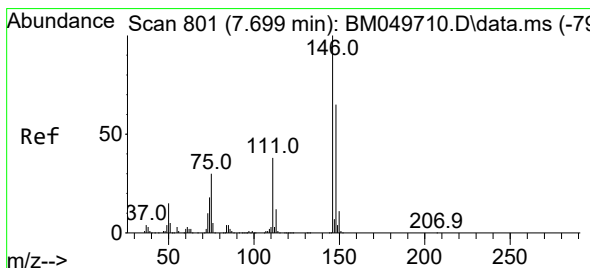
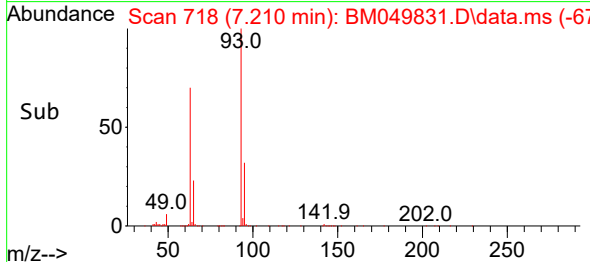
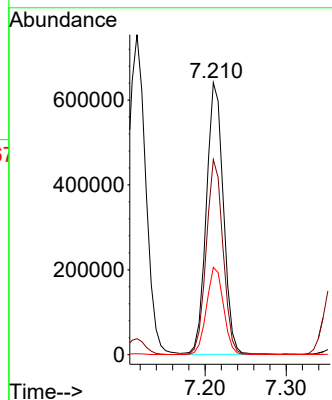
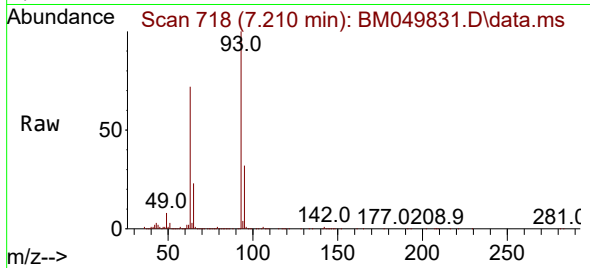




#11
bis(2-Chloroethyl)ether
Concen: 44.566 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

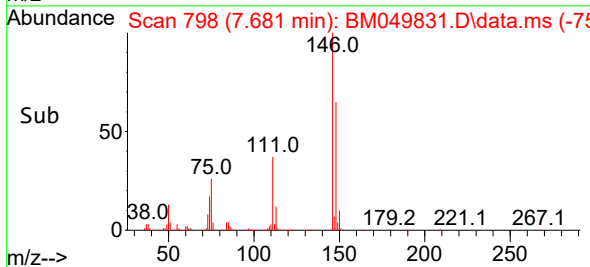
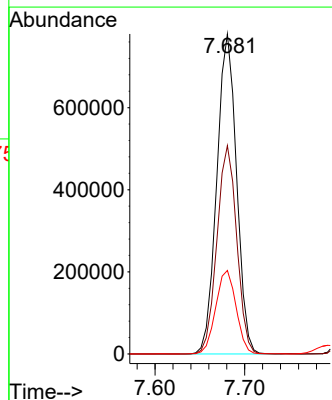
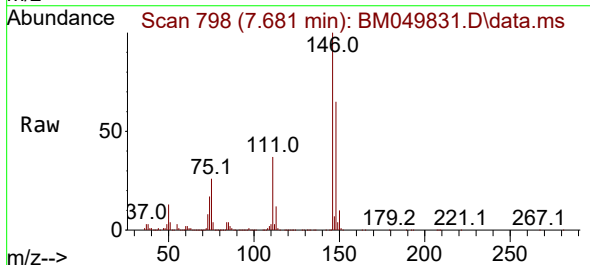
Instrument :
BNA_M
ClientSampleId :
TP-18MS

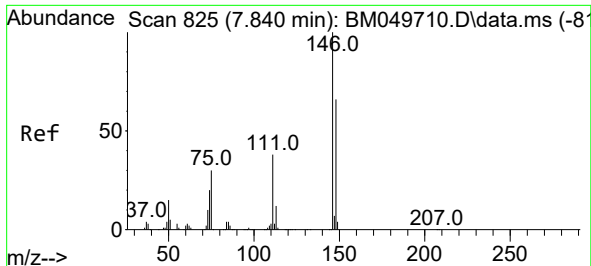
Tgt Ion: 93 Resp: 928576
Ion Ratio Lower Upper
93 100
63 71.7 54.8 94.8
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 46.827 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:146 Resp: 1191597
Ion Ratio Lower Upper
146 100
148 65.1 52.3 78.5
75 26.1 24.2 36.2

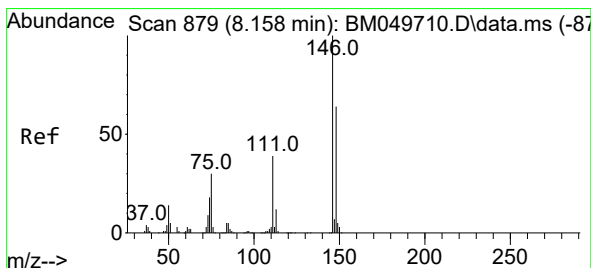
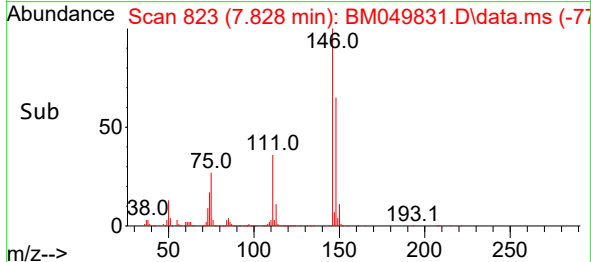
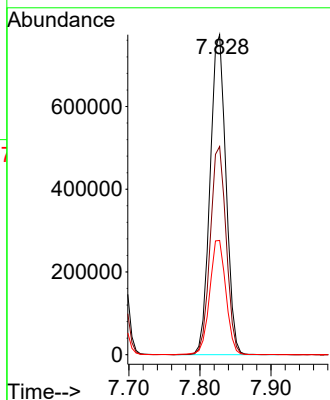
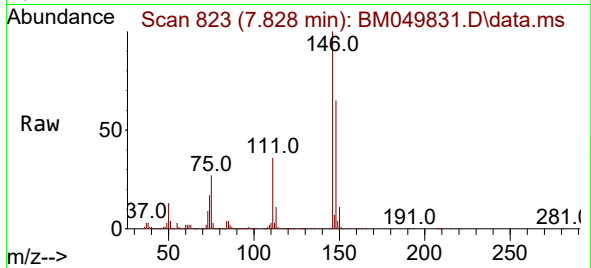




#13
1,4-Dichlorobenzene
Concen: 46.754 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

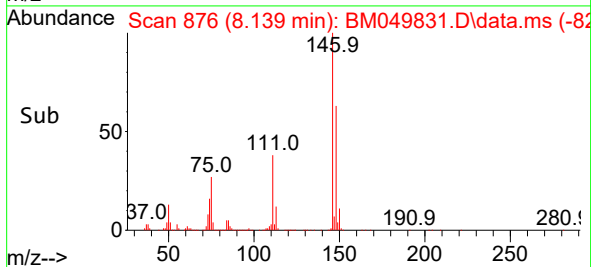
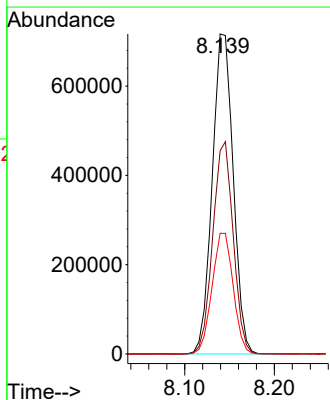
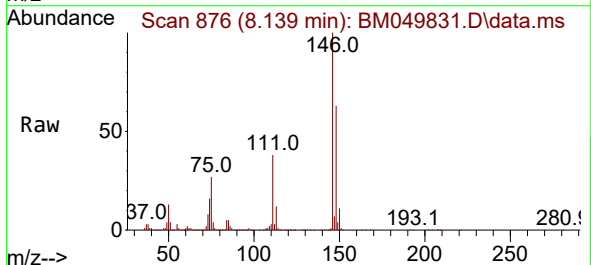
Instrument :
BNA_M
ClientSampleId :
TP-18MS

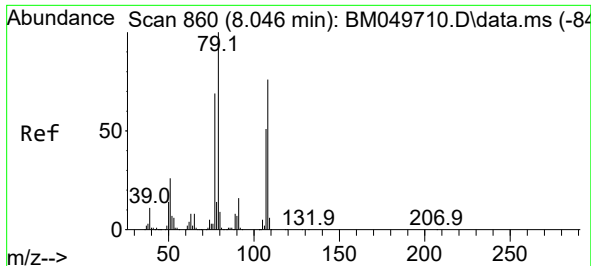
Tgt Ion:146 Resp: 1200257
Ion Ratio Lower Upper
146 100
148 65.1 52.6 79.0
111 35.7 30.8 46.2



#14
1,2-Dichlorobenzene
Concen: 47.723 ng
RT: 8.139 min Scan# 876
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:146 Resp: 1164321
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
111 37.7 31.0 46.6

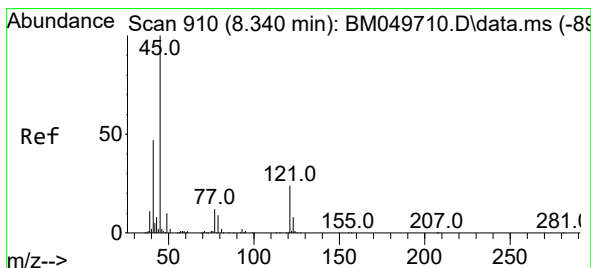
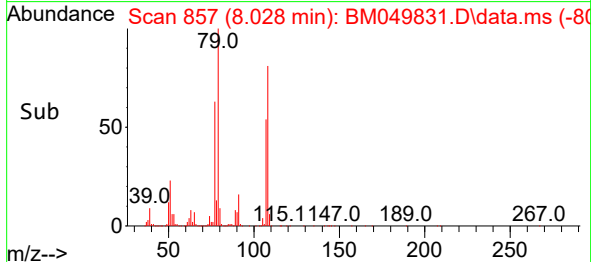
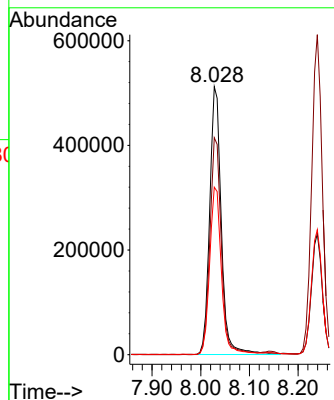
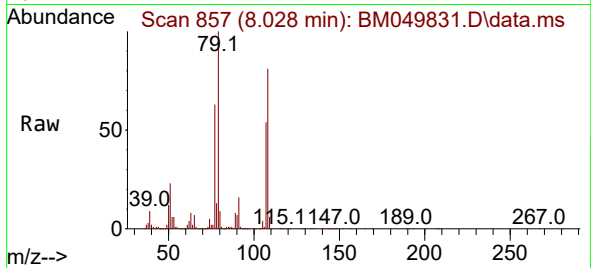




#15
Benzyl Alcohol
Concen: 50.709 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

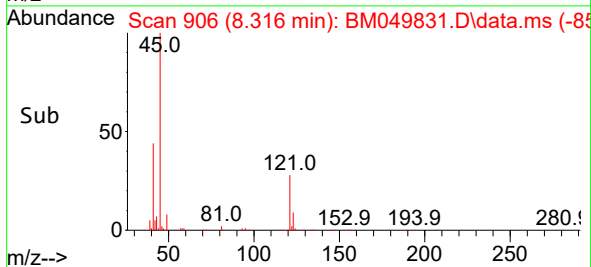
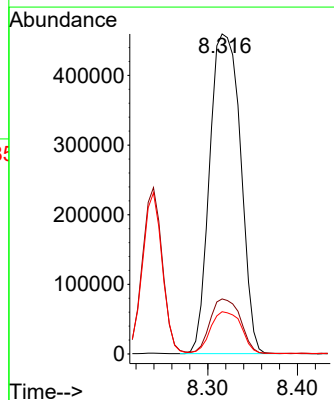
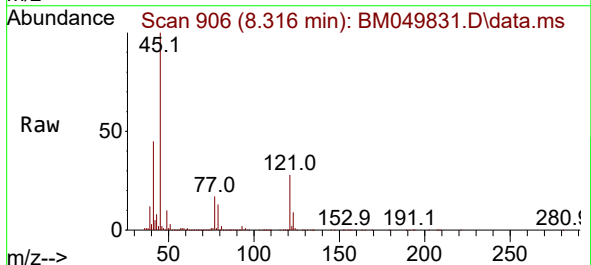
Instrument :
BNA_M
ClientSampleId :
TP-18MS

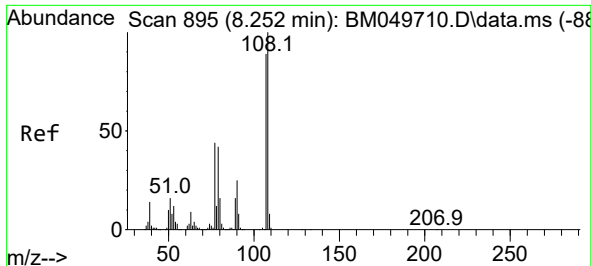
Tgt Ion: 79 Resp: 844425
Ion Ratio Lower Upper
79 100
108 81.0 60.7 91.1
77 62.6 55.4 83.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.774 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.024 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion: 45 Resp: 1096453
Ion Ratio Lower Upper
45 100
77 17.2 0.0 36.1
79 13.2 0.0 32.8

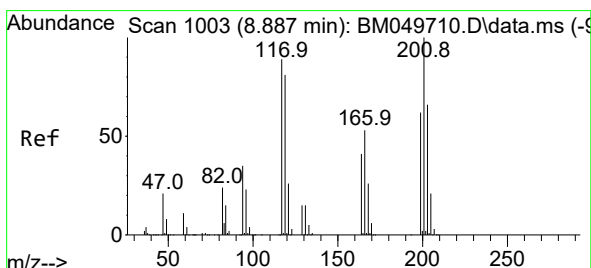
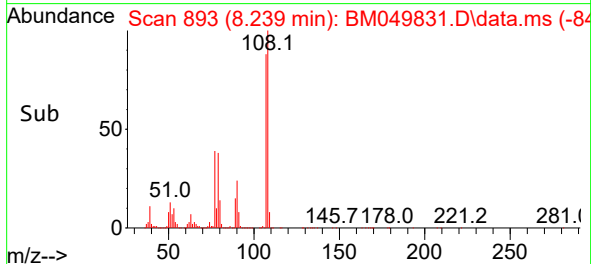
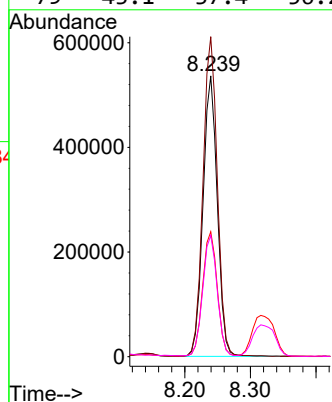
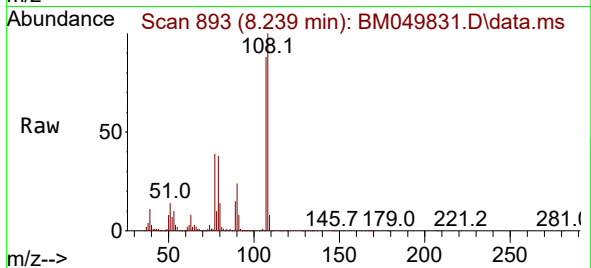




#17
2-Methylphenol
Concen: 53.232 ng
RT: 8.239 min Scan# 895
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

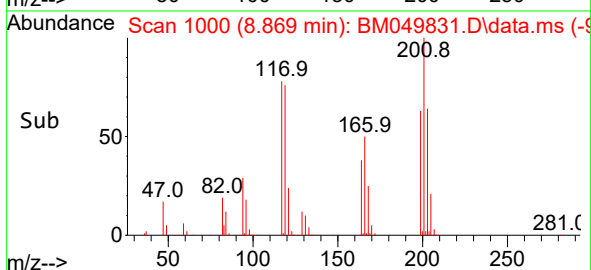
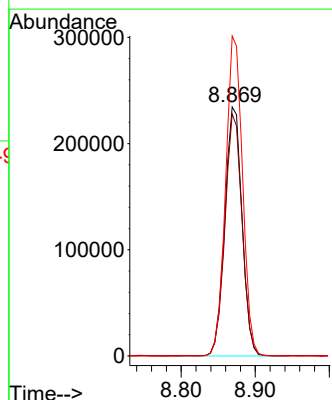
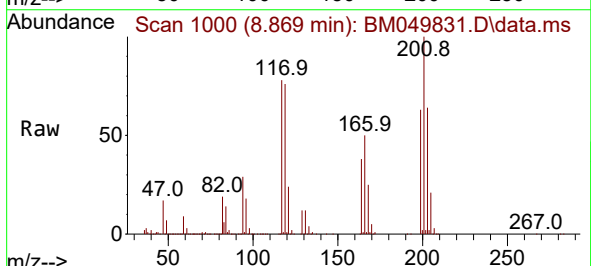
Instrument :
BNA_M
ClientSampleId :
TP-18MS

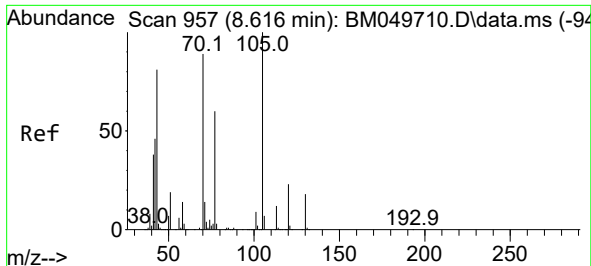
Tgt Ion:	107	Resp:	813160
Ion	Ratio	Lower	Upper
107	100		
108	113.9	89.6	134.4
77	44.5	39.8	59.6
79	43.1	37.4	56.2



#18
Hexachloroethane
Concen: 41.834 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:	117	Resp:	379254
Ion	Ratio	Lower	Upper
117	100		
119	97.2	73.1	109.7
201	128.6	90.0	135.0





#19

n-Nitroso-di-n-propylamine

Concen: 46.154 ng

RT: 8.598 min Scan# 91

Delta R.T. -0.018 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Instrument :

BNA_M

ClientSampleId :

TP-18MS

Tgt Ion: 70 Resp: 710167

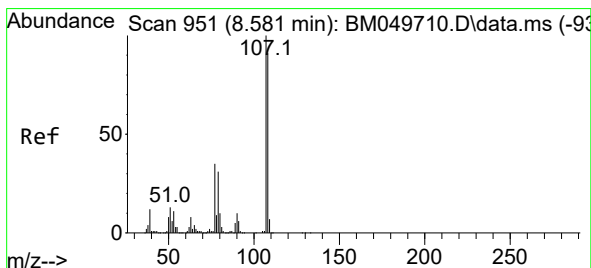
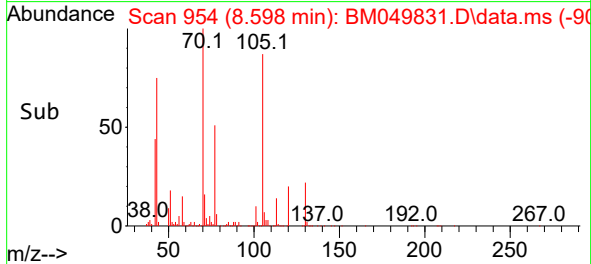
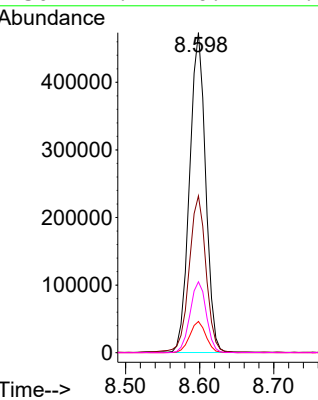
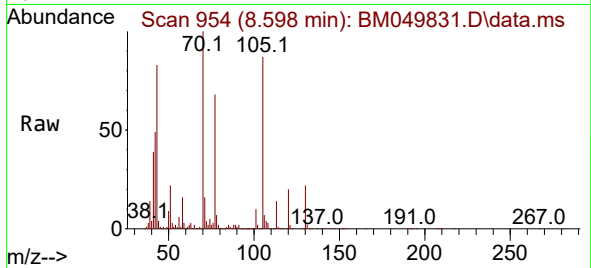
Ion Ratio Lower Upper

70 100

42 49.0 41.8 62.6

101 9.7 7.7 11.5

130 22.2 16.2 24.4



#20

3+4-Methylphenols

Concen: 54.276 ng

RT: 8.563 min Scan# 948

Delta R.T. -0.018 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Tgt Ion: 107 Resp: 1111107

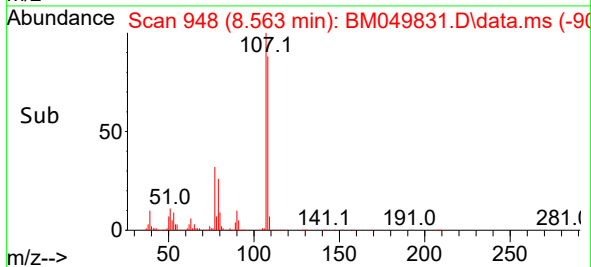
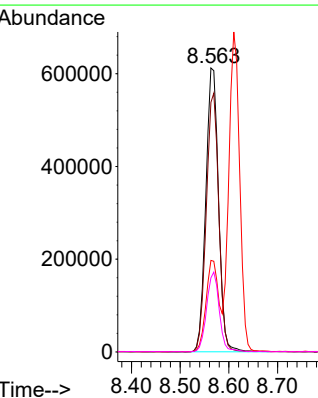
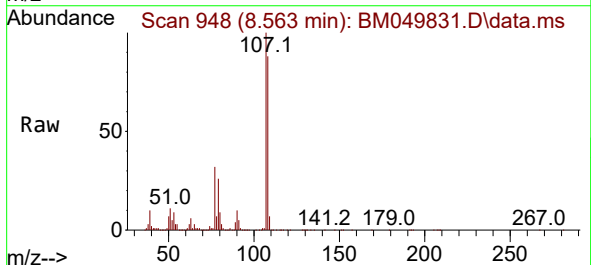
Ion Ratio Lower Upper

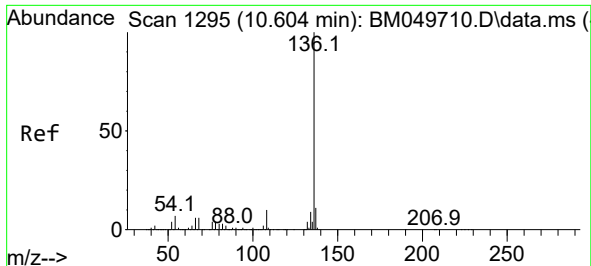
107 100

108 87.9 71.0 111.0

77 32.3 15.1 55.1

79 26.1 11.2 51.2

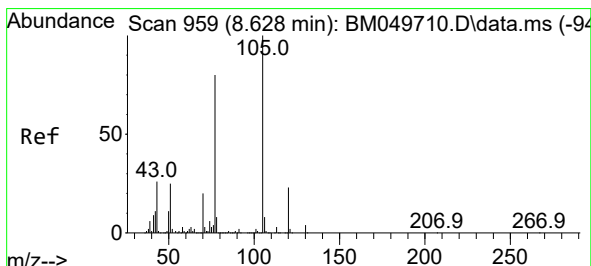
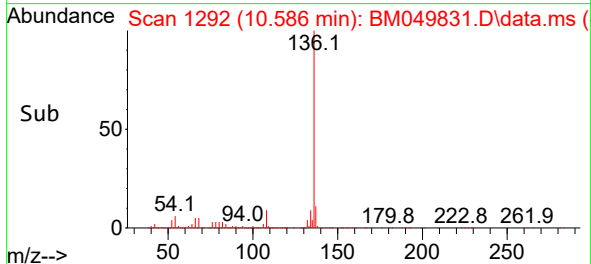
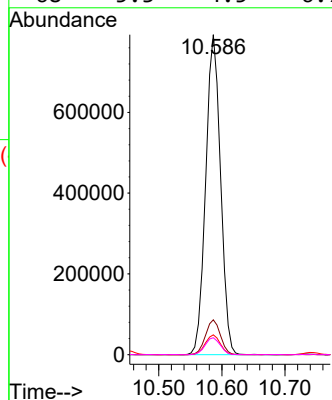
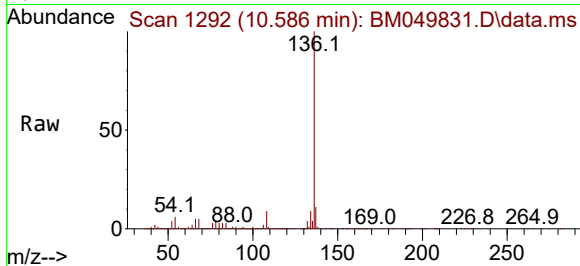




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

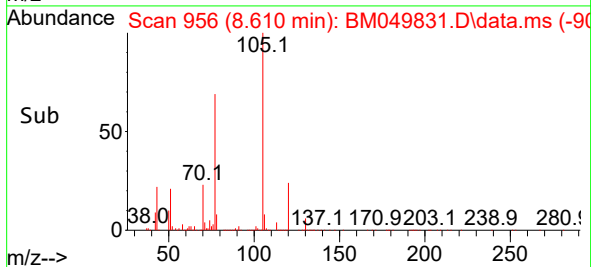
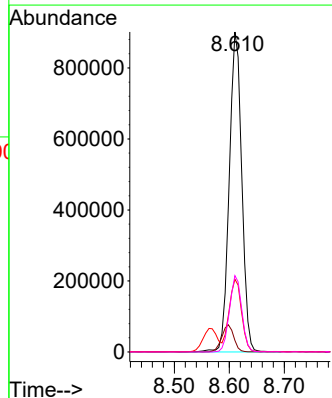
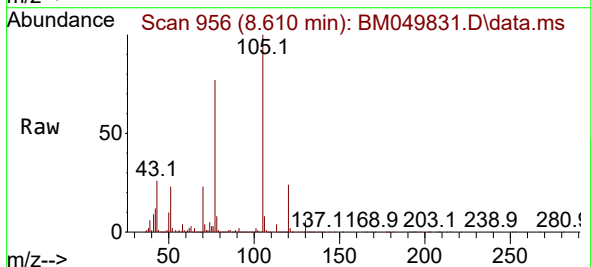
Instrument :
BNA_M
ClientSampleId :
TP-18MS

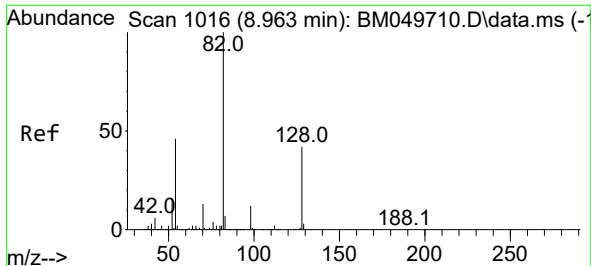
Tgt Ion:136 Resp: 1294303
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.2 5.8 8.8
68 5.3 4.5 6.7



#22
Acetophenone
Concen: 42.610 ng
RT: 8.610 min Scan# 956
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:105 Resp: 1422024
Ion Ratio Lower Upper
105 100
71 3.6 2.5 3.7
51 22.7 19.9 29.9
120 23.8 18.3 27.5





#23

Nitrobenzene-d5

Concen: 62.993 ng

RT: 8.945 min Scan# 1013

Delta R.T. -0.018 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Instrument :

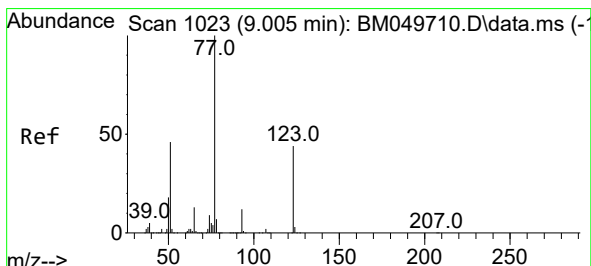
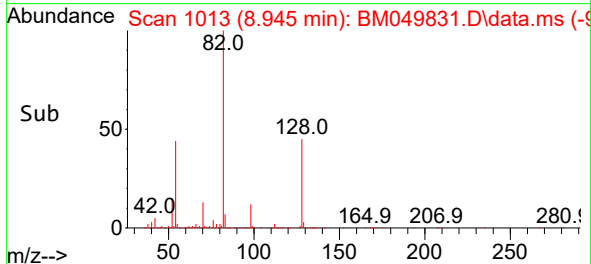
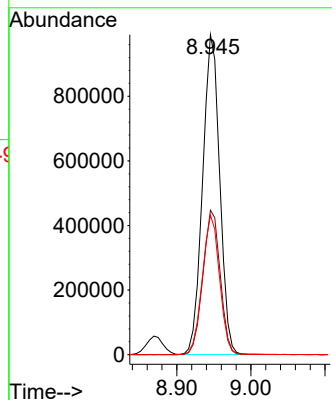
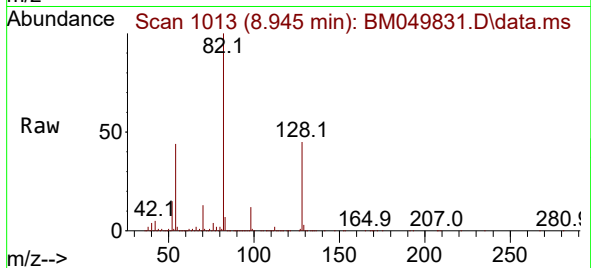
BNA_M

ClientSampleId :

TP-18MS

Tgt Ion: 82 Resp: 1588023

Ion	Ratio	Lower	Upper
82	100		
128	45.2	33.4	50.0
54	43.6	36.4	54.6



#24

Nitrobenzene

Concen: 42.932 ng

RT: 8.986 min Scan# 1020

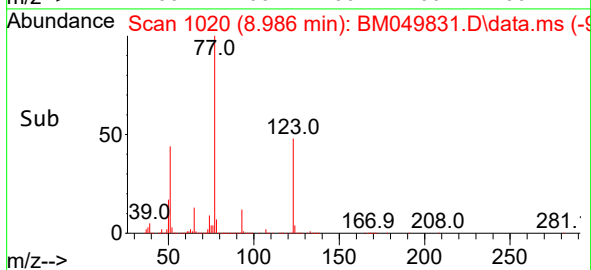
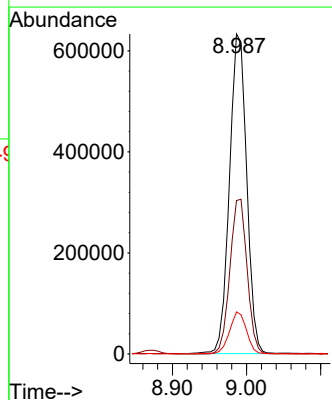
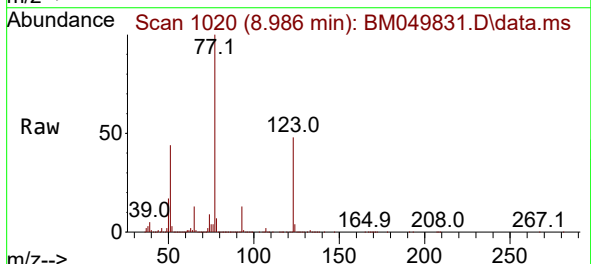
Delta R.T. -0.018 min

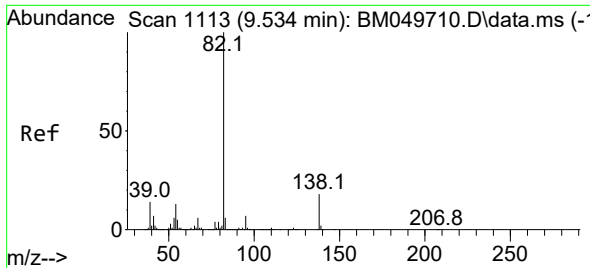
Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Tgt Ion: 77 Resp: 1020526

Ion	Ratio	Lower	Upper
77	100		
123	48.0	34.9	52.3
65	13.2	10.6	15.8

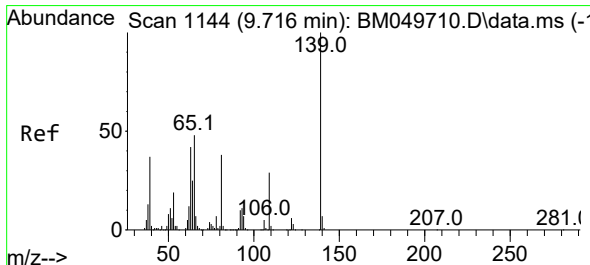
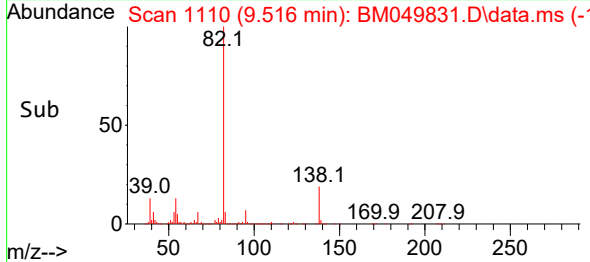
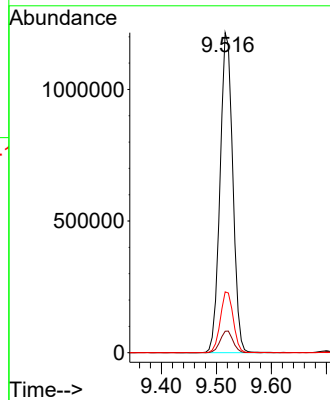
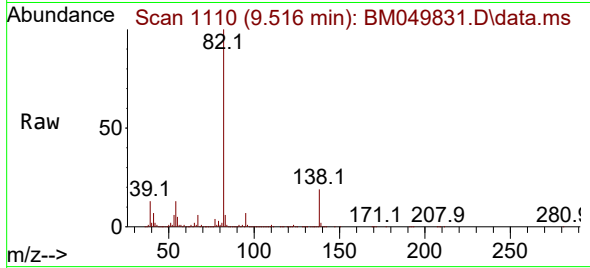




#25
Isophorone
Concen: 50.402 ng
RT: 9.516 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

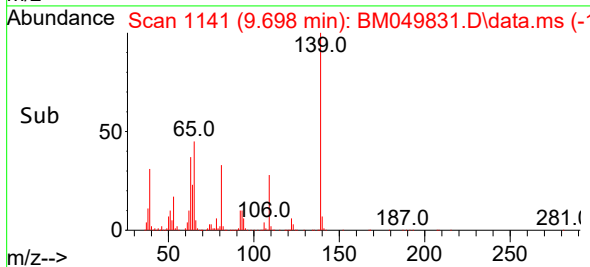
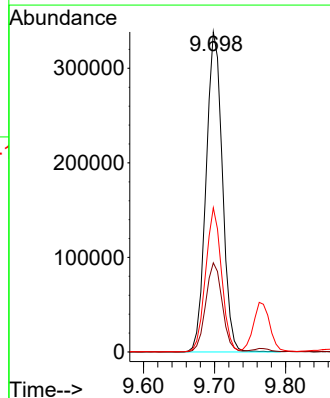
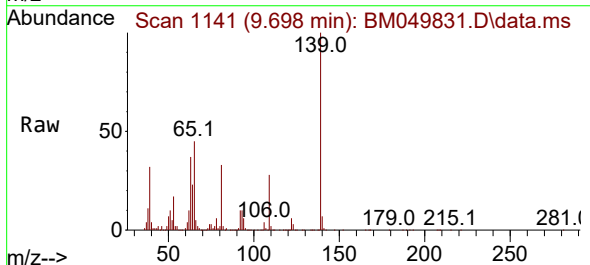
Instrument :
BNA_M
ClientSampleId :
TP-18MS

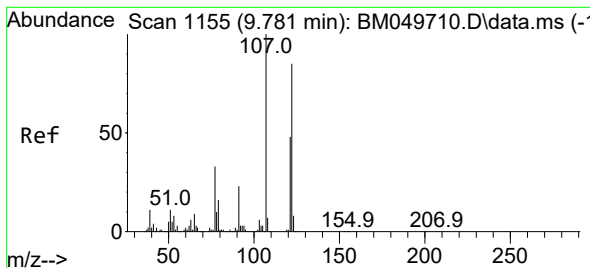
Tgt Ion: 82 Resp: 1950869
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 19.0 14.4 21.6



#26
2-Nitrophenol
Concen: 53.422 ng
RT: 9.698 min Scan# 1141
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion: 139 Resp: 540494
Ion Ratio Lower Upper
139 100
109 27.9 23.3 34.9
65 45.1 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 68.892 ng

RT: 9.769 min Scan# 1153

Delta R.T. -0.012 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Instrument :

BNA_M

ClientSampleId :

TP-18MS

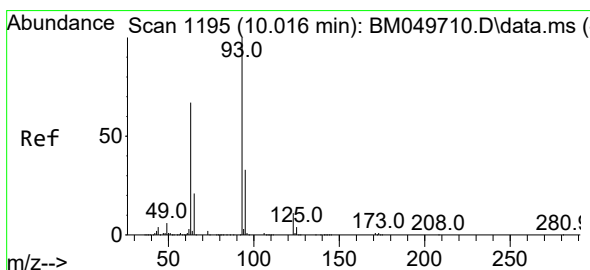
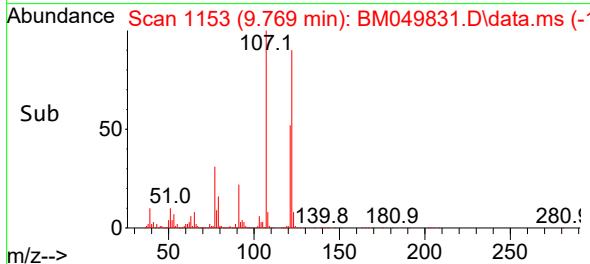
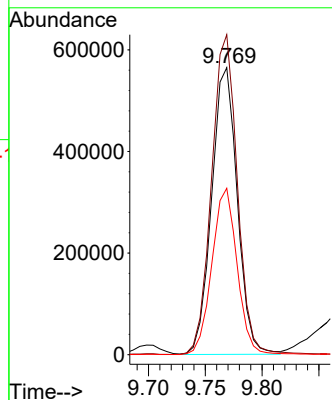
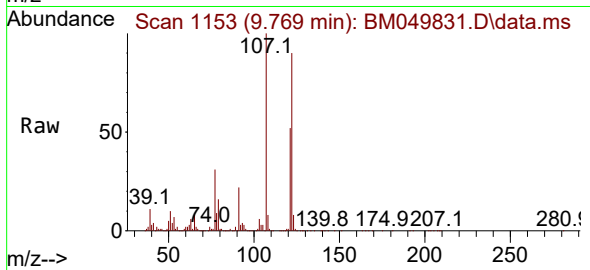
Tgt Ion:122 Resp: 887210

Ion Ratio Lower Upper

122 100

107 111.5 94.3 141.5

121 58.0 45.4 68.2



#28

bis(2-Chloroethoxy)methane

Concen: 44.725 ng

RT: 9.998 min Scan# 1192

Delta R.T. -0.018 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

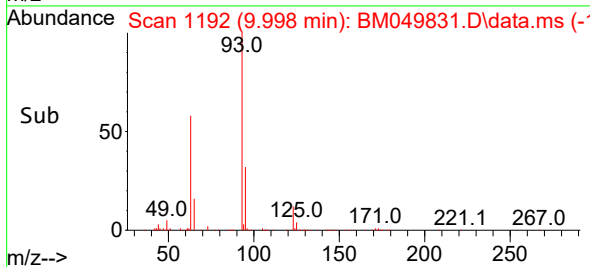
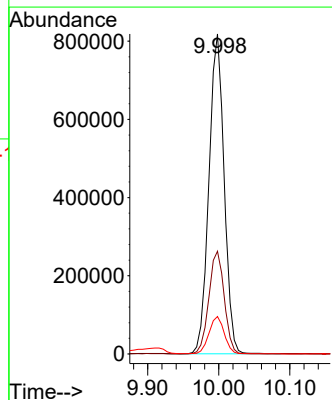
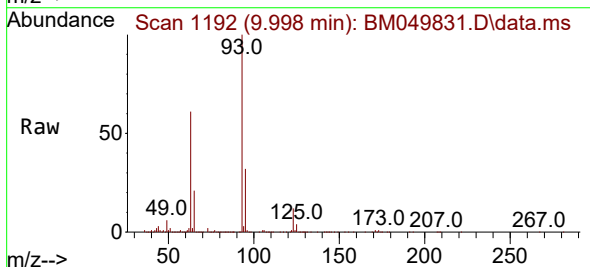
Tgt Ion: 93 Resp: 1219253

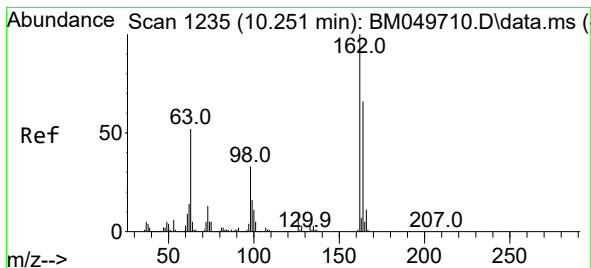
Ion Ratio Lower Upper

93 100

95 32.1 26.6 40.0

123 11.7 9.0 13.6

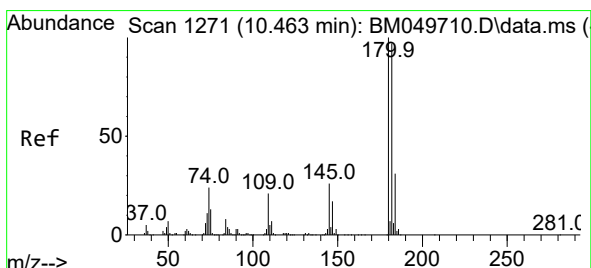
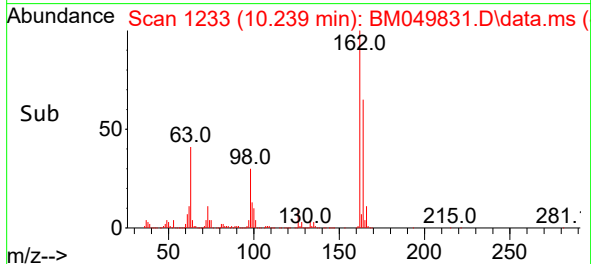
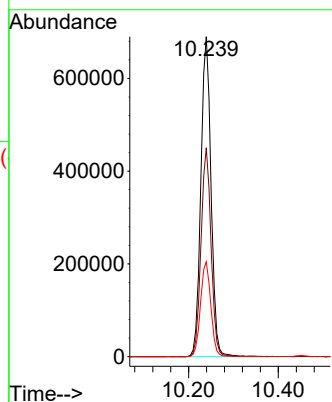
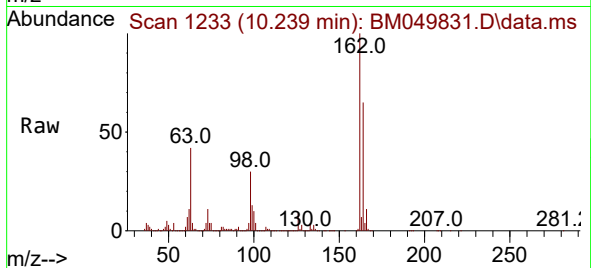




#29
2,4-Dichlorophenol
Concen: 51.654 ng
RT: 10.239 min Scan# 1233
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

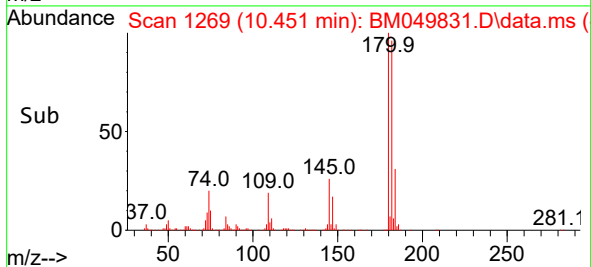
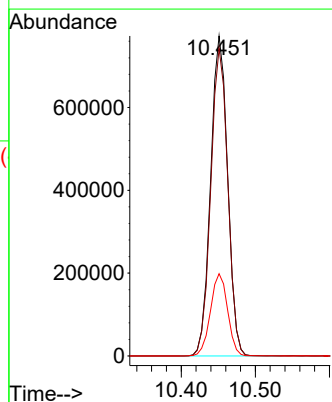
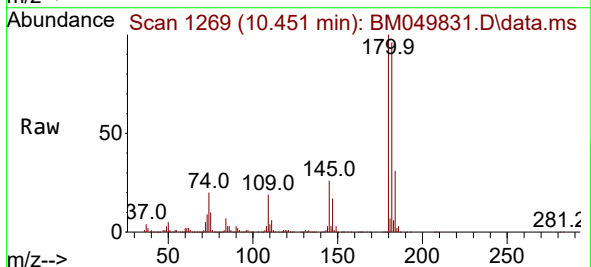
Instrument :
BNA_M
ClientSampleId :
TP-18MS

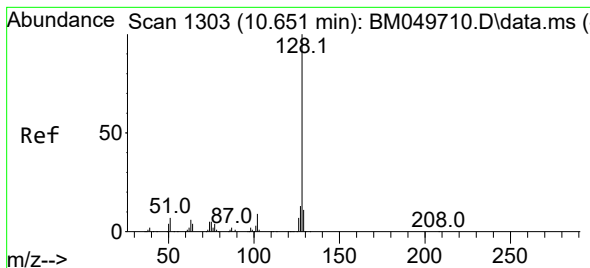
Tgt Ion:162 Resp: 1083945
Ion Ratio Lower Upper
162 100
164 65.3 46.3 86.3
98 29.6 12.8 52.8



#30
1,2,4-Trichlorobenzene
Concen: 46.920 ng
RT: 10.451 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:180 Resp: 1231870
Ion Ratio Lower Upper
180 100
182 96.1 77.7 116.5
145 25.7 21.0 31.4

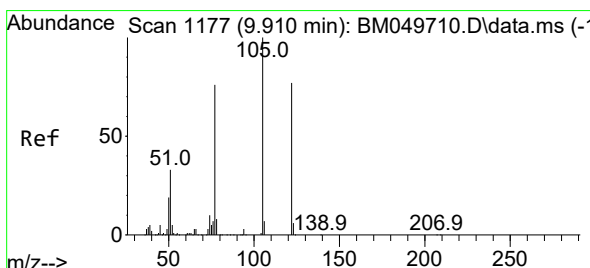
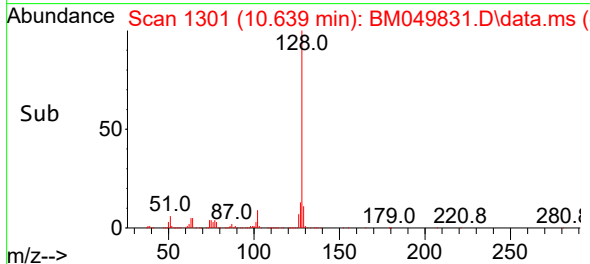
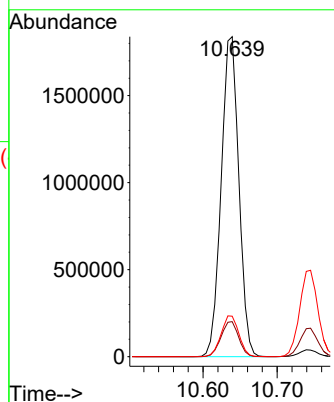
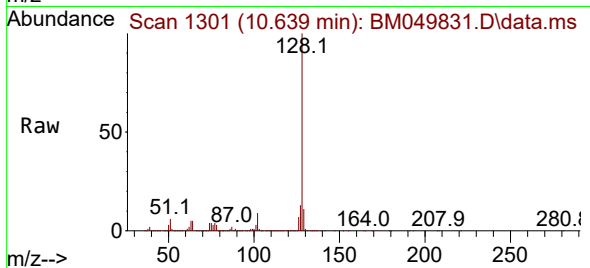




#31
Naphthalene
Concen: 45.695 ng
RT: 10.639 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

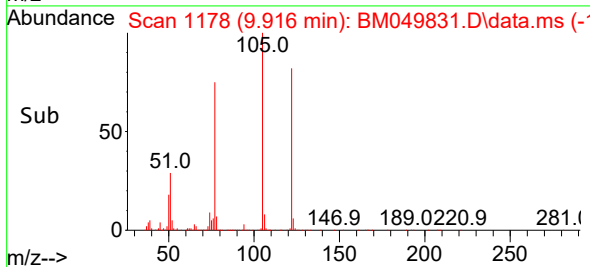
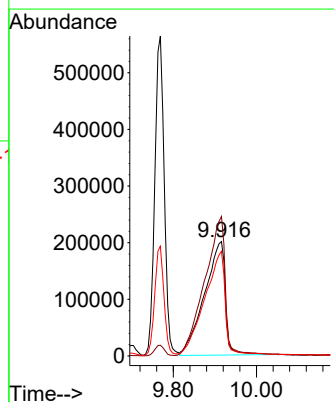
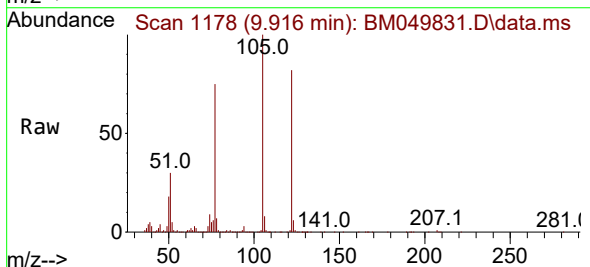
Instrument :
BNA_M
ClientSampleId :
TP-18MS

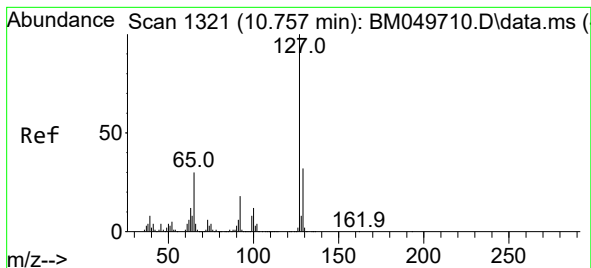
Tgt Ion:128 Resp: 3041164
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.6 10.4 15.6



#32
Benzoic acid
Concen: 63.892 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:122 Resp: 699773
Ion Ratio Lower Upper
122 100
105 122.0 105.6 145.6
77 91.4 76.9 116.9





#33

4-Chloroaniline

Concen: 37.722 ng

RT: 10.745 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Instrument :

BNA_M

ClientSampleId :

TP-18MS

Tgt Ion:127 Resp: 856792

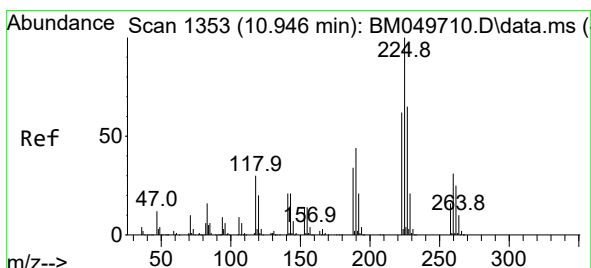
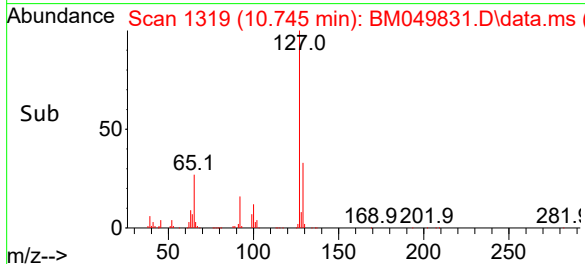
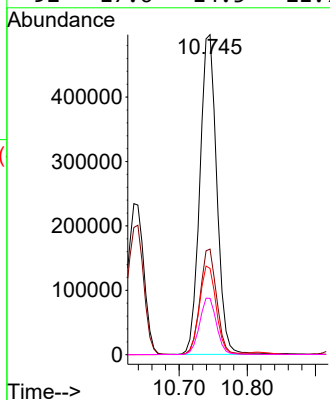
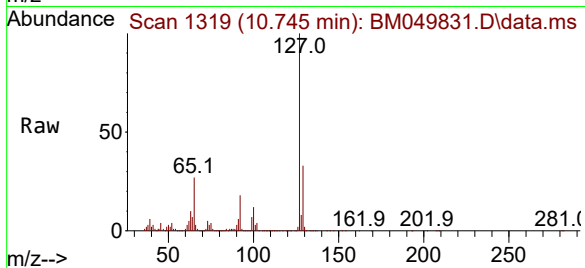
Ion Ratio Lower Upper

127 100

129 33.0 25.7 38.5

65 27.0 24.1 36.1

92 17.6 14.5 21.7



#34

Hexachlorobutadiene

Concen: 47.148 ng

RT: 10.928 min Scan# 1350

Delta R.T. -0.018 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

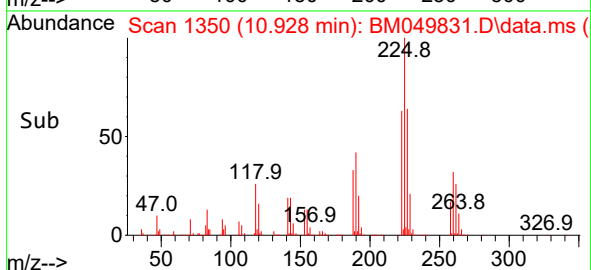
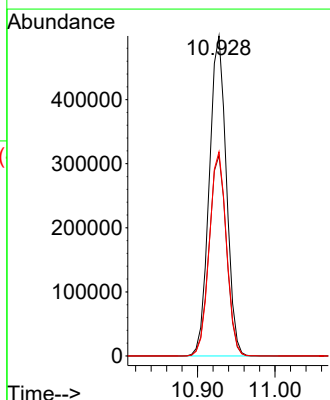
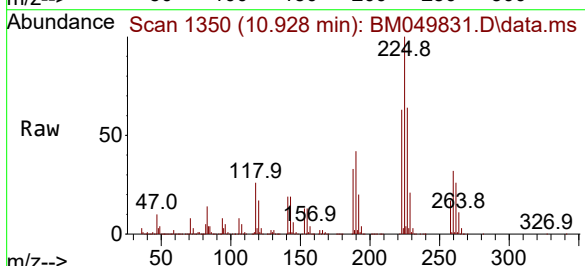
Tgt Ion:225 Resp: 764172

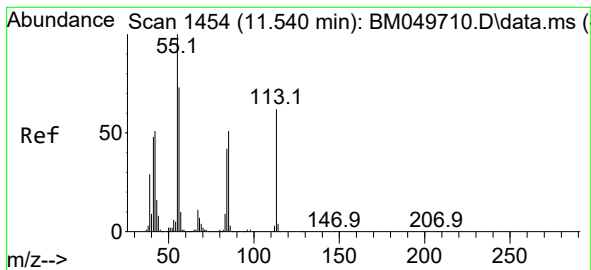
Ion Ratio Lower Upper

225 100

223 62.6 49.8 74.8

227 63.8 52.1 78.1

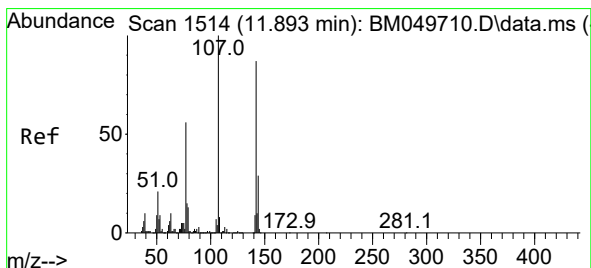
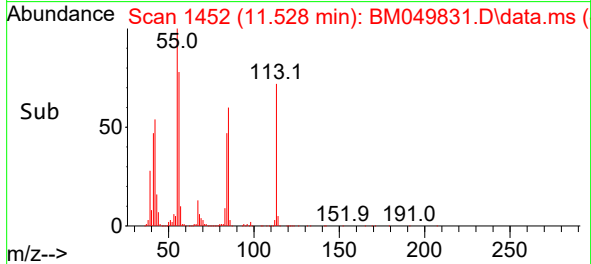
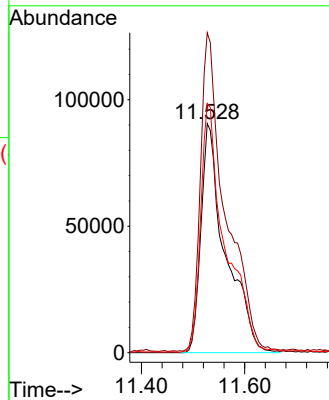
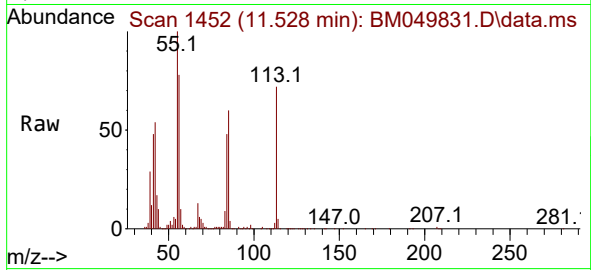




#35
Caprolactam
Concen: 60.865 ng
RT: 11.528 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

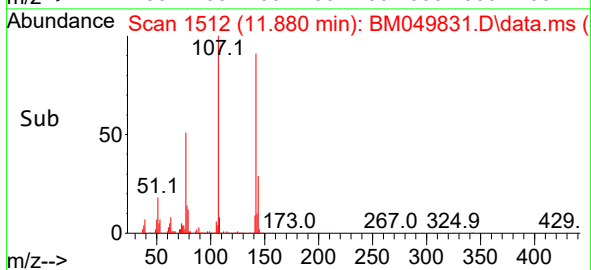
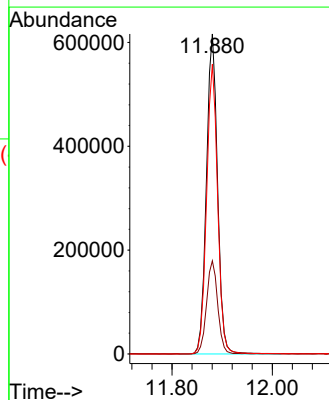
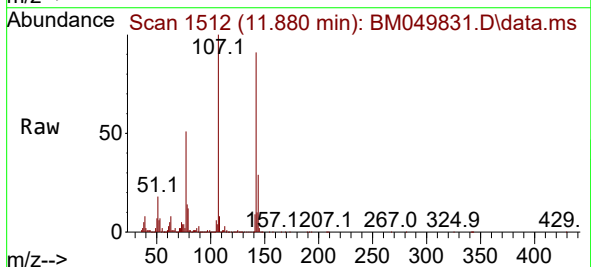
Instrument :
BNA_M
ClientSampleId :
TP-18MS

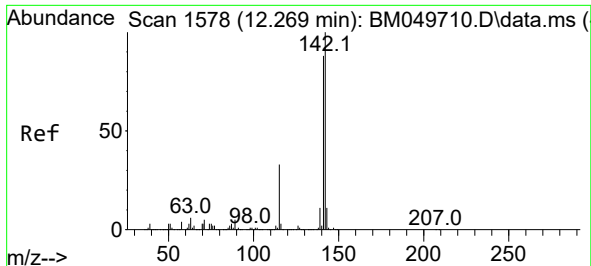
Tgt Ion:113 Resp: 296534
Ion Ratio Lower Upper
113 100
55 139.7 141.8 181.8#
56 108.8 98.0 138.0



#36
4-Chloro-3-methylphenol
Concen: 52.769 ng
RT: 11.880 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:107 Resp: 950287
Ion Ratio Lower Upper
107 100
144 29.1 23.0 34.6
142 90.6 69.8 104.8

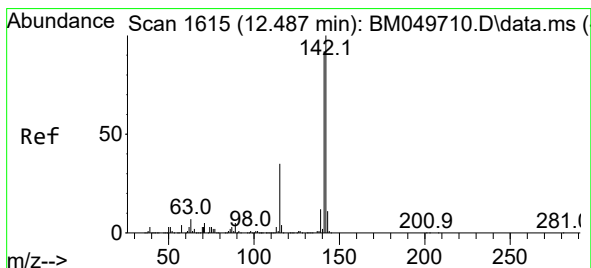
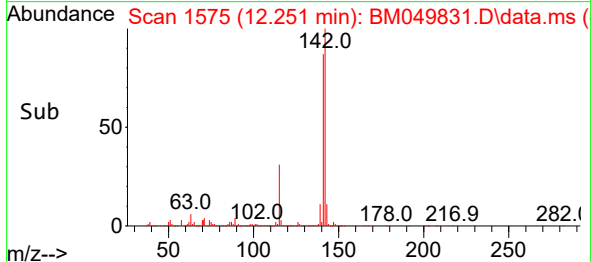
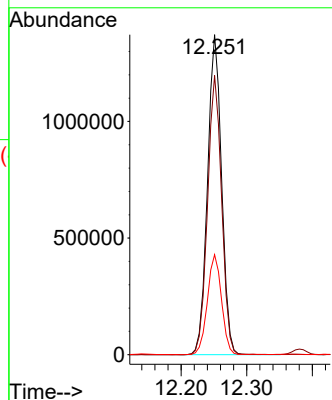
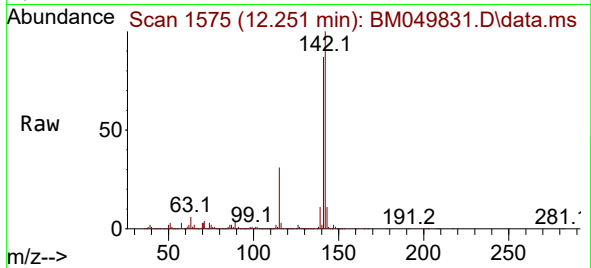




#37
2-Methylnaphthalene
Concen: 43.962 ng
RT: 12.251 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

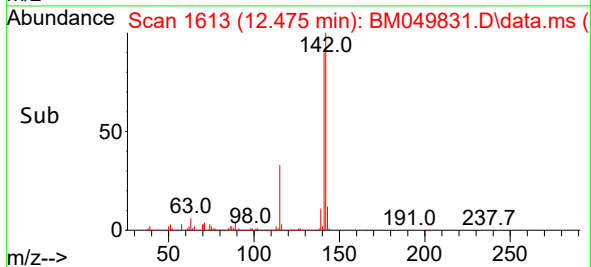
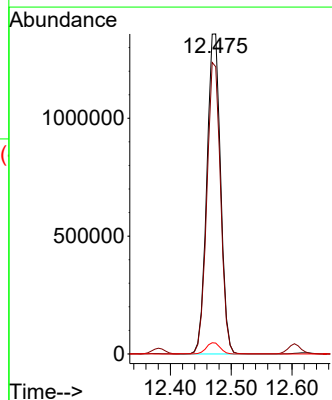
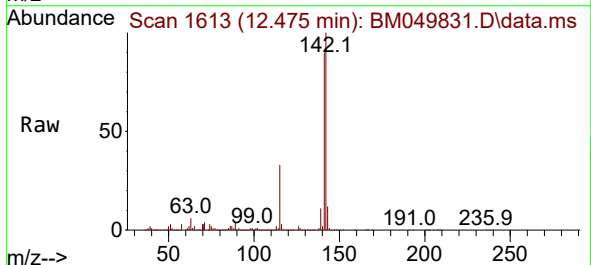
Instrument :
BNA_M
ClientSampleId :
TP-18MS

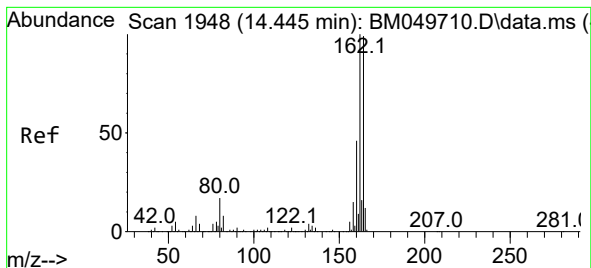
Tgt Ion:142 Resp: 2045877
Ion Ratio Lower Upper
142 100
141 87.2 70.5 105.7
115 31.3 26.5 39.7



#38
1-Methylnaphthalene
Concen: 47.419 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:142 Resp: 2129077
Ion Ratio Lower Upper
142 100
141 89.7 73.4 110.2
116 3.4 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.433 min Scan# 1946

Delta R.T. -0.012 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Instrument :

BNA_M

ClientSampleId :

TP-18MS

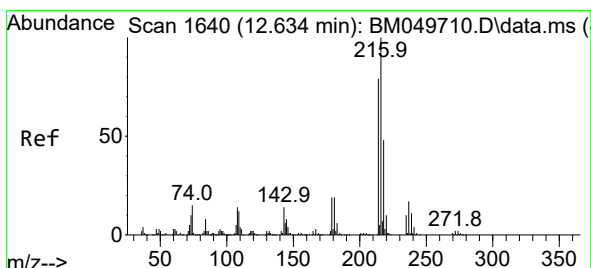
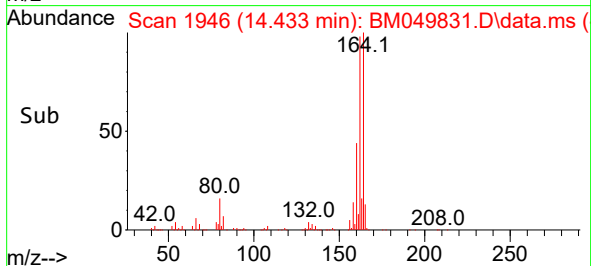
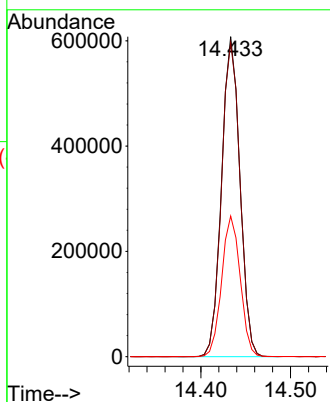
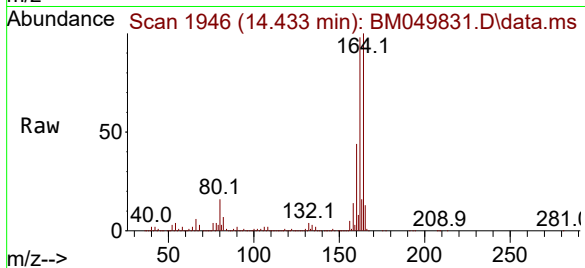
Tgt Ion:164 Resp: 862231

Ion Ratio Lower Upper

164 100

162 98.2 80.5 120.7

160 43.9 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.104 ng

RT: 12.622 min Scan# 1638

Delta R.T. -0.012 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Tgt Ion:216 Resp: 1428498

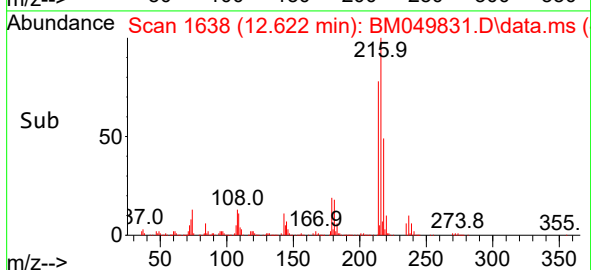
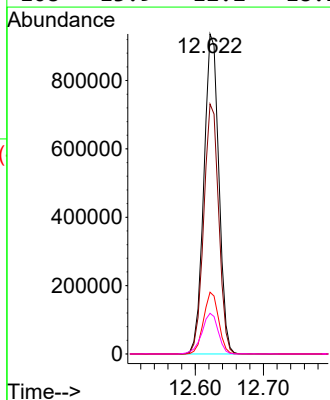
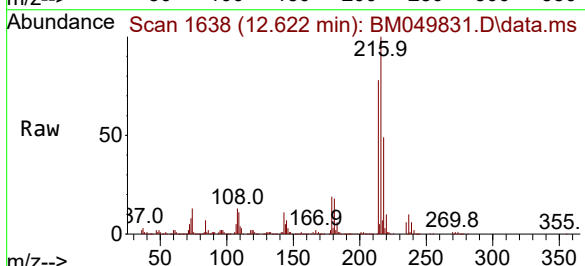
Ion Ratio Lower Upper

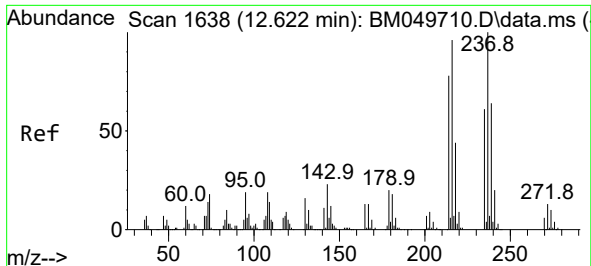
216 100

214 78.0 63.5 95.3

179 19.3 15.7 23.5

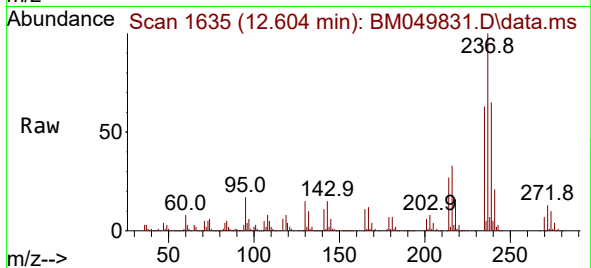
108 13.9 12.2 18.2



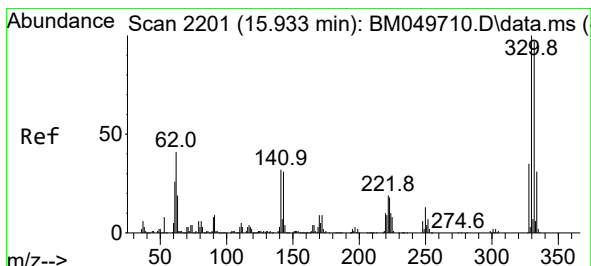
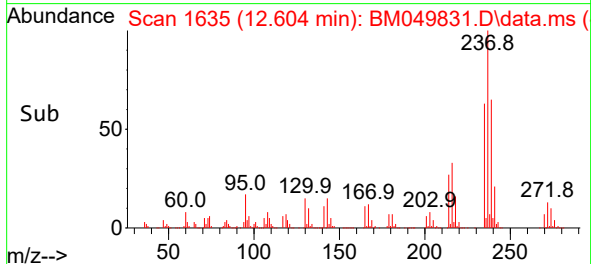
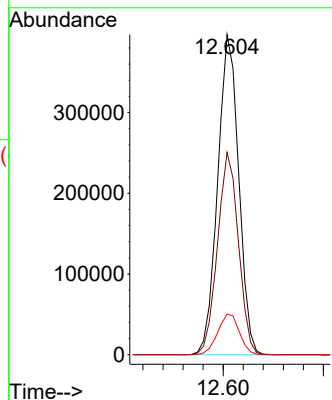


#41
Hexachlorocyclopentadiene
Concen: 49.034 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Instrument :
BNA_M
ClientSampleId :
TP-18MS

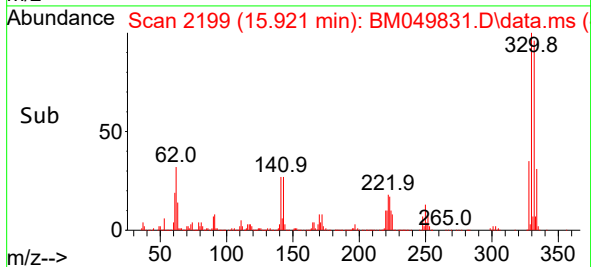
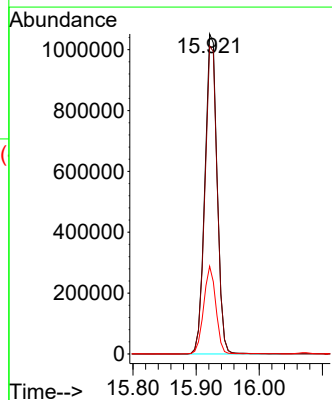
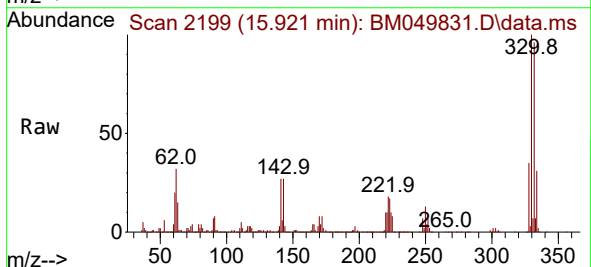


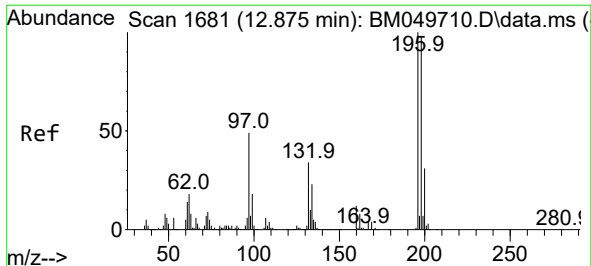
Tgt Ion:237 Resp: 575323
Ion Ratio Lower Upper
237 100
235 63.2 41.1 81.1
272 12.7 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 140.202 ng
RT: 15.921 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:330 Resp: 1411590
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 27.2 27.8 41.6#

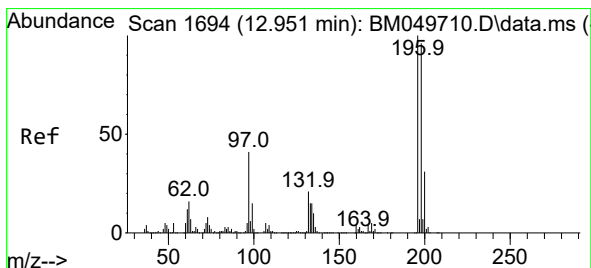
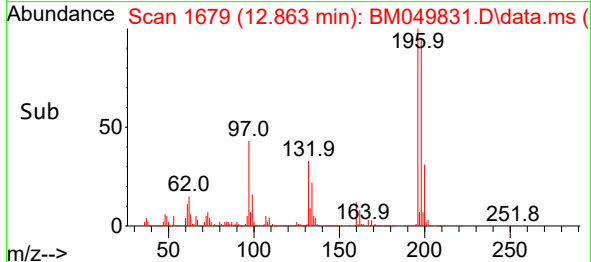
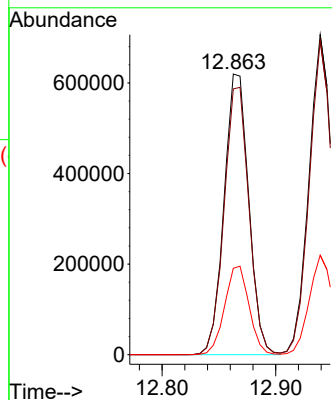
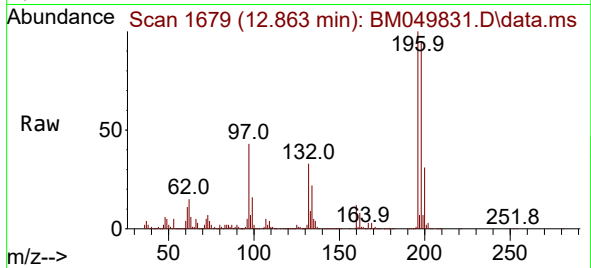




#43
2,4,6-Trichlorophenol
Concen: 52.841 ng
RT: 12.863 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

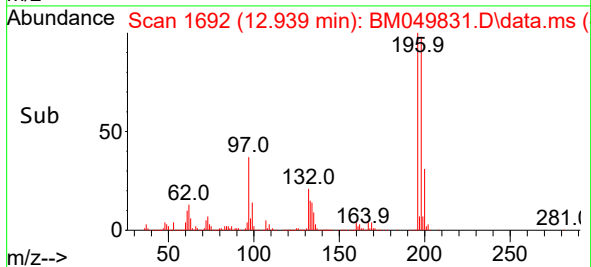
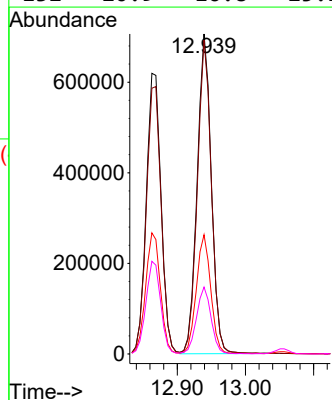
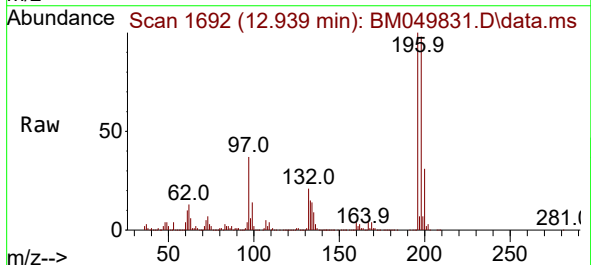
Instrument :
BNA_M
ClientSampleId :
TP-18MS

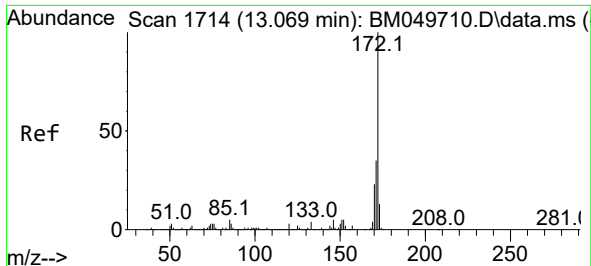
Tgt Ion:196 Resp: 937302
Ion Ratio Lower Upper
196 100
198 94.7 78.3 117.5
200 30.8 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 52.702 ng
RT: 12.939 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:196 Resp: 1020135
Ion Ratio Lower Upper
196 100
198 98.1 76.7 115.1
97 37.3 32.9 49.3
132 20.9 16.8 25.2

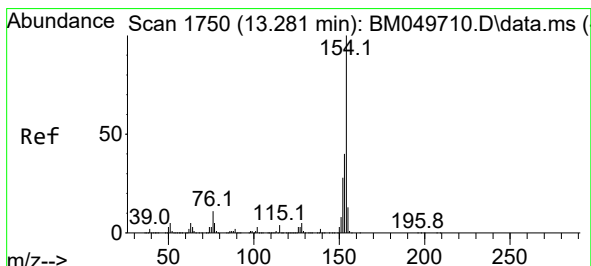
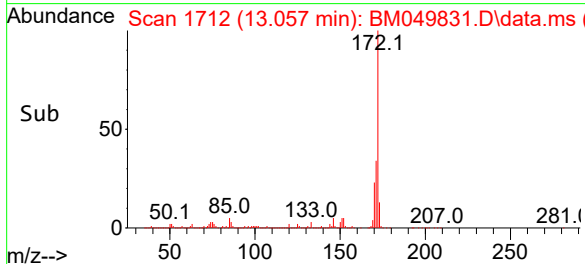
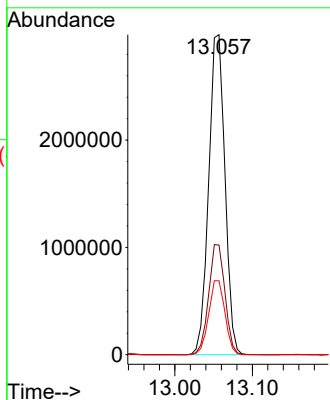
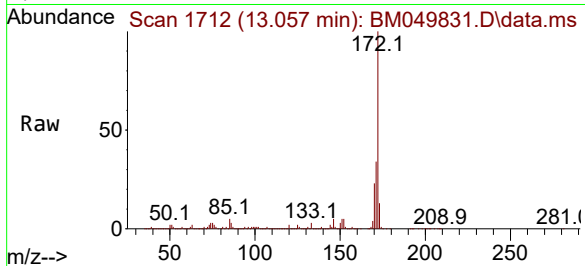




#45
2-Fluorobiphenyl
Concen: 63.104 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

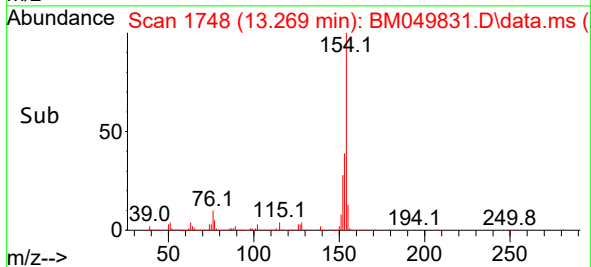
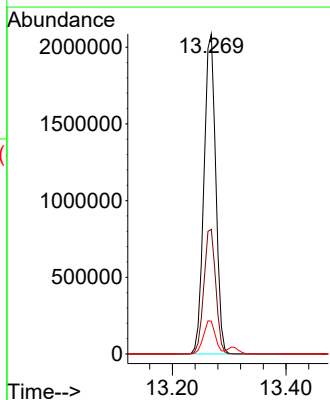
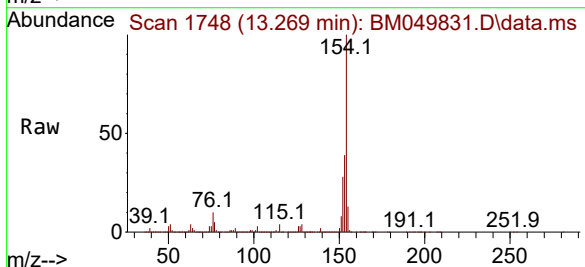
Instrument :
BNA_M
ClientSampleId :
TP-18MS

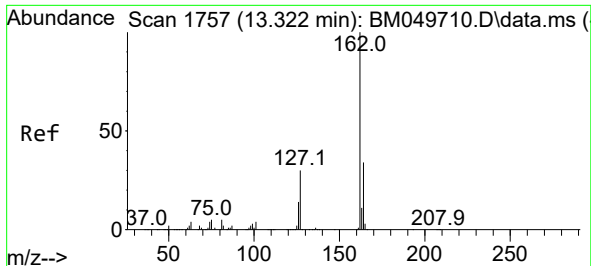
Tgt Ion:172 Resp: 4344581
Ion Ratio Lower Upper
172 100
171 34.2 27.9 41.9
170 23.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 44.959 ng
RT: 13.269 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:154 Resp: 2987687
Ion Ratio Lower Upper
154 100
153 38.9 19.7 59.7
76 10.3 0.0 31.2

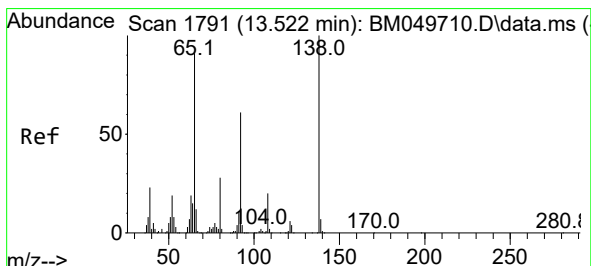
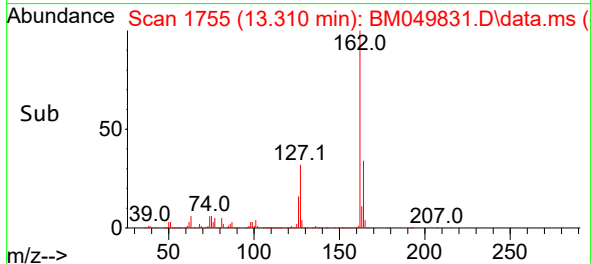
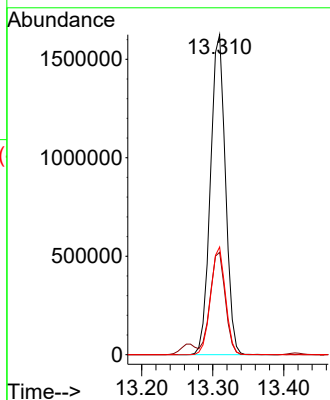
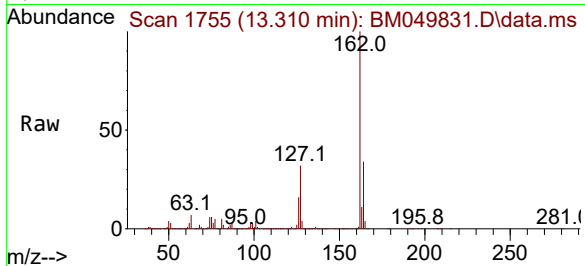




#47
2-Chloronaphthalene
Concen: 46.086 ng
RT: 13.310 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

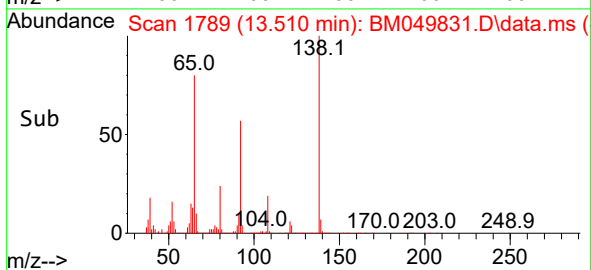
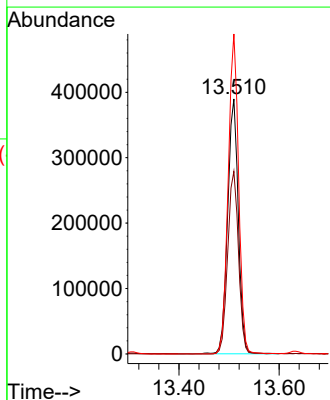
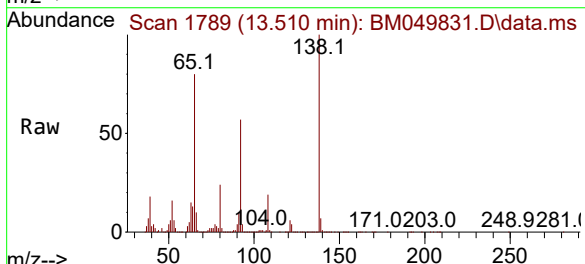
Instrument :
BNA_M
ClientSampleId :
TP-18MS

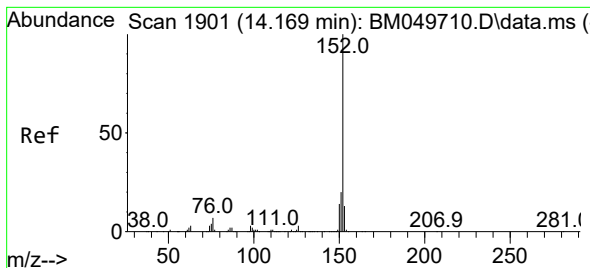
Tgt Ion:162 Resp: 2383788
Ion Ratio Lower Upper
162 100
127 32.0 25.8 38.6
164 33.7 27.1 40.7



#48
2-Nitroaniline
Concen: 49.744 ng
RT: 13.510 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion: 65 Resp: 577604
Ion Ratio Lower Upper
65 100
92 71.6 53.4 80.2
138 125.5 87.6 131.4





#49

Acenaphthylene

Concen: 52.133 ng

RT: 14.157 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Instrument :

BNA_M

ClientSampleId :

TP-18MS

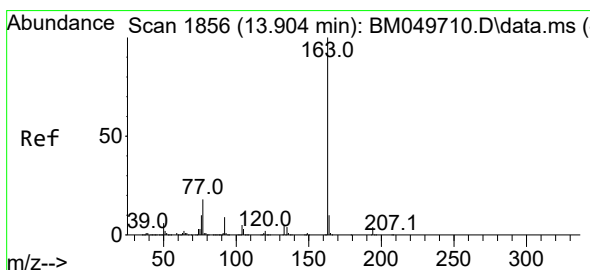
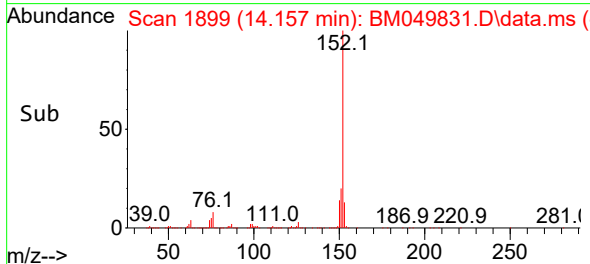
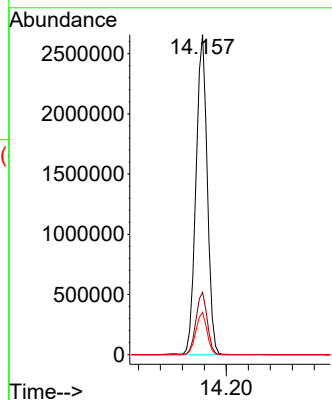
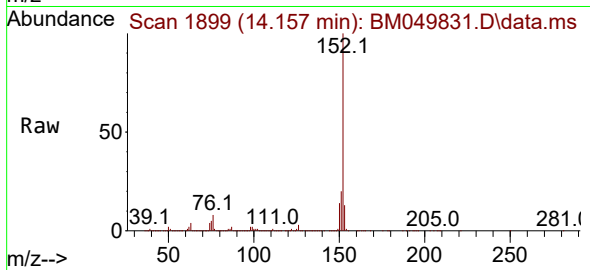
Tgt Ion:152 Resp: 3769193

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.8

153 13.2 10.2 15.4



#50

Dimethylphthalate

Concen: 47.174 ng

RT: 13.892 min Scan# 1854

Delta R.T. -0.012 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

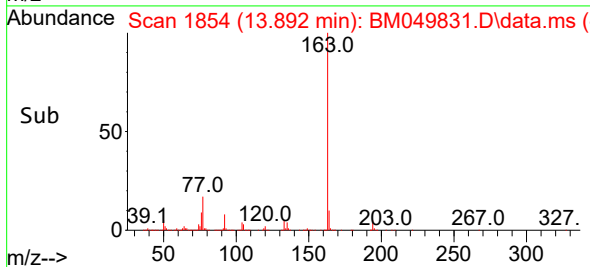
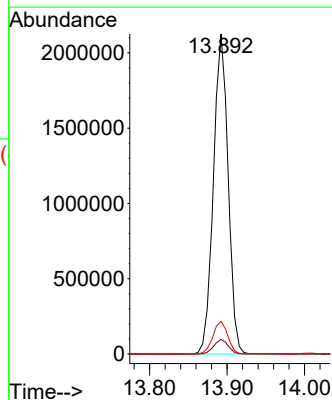
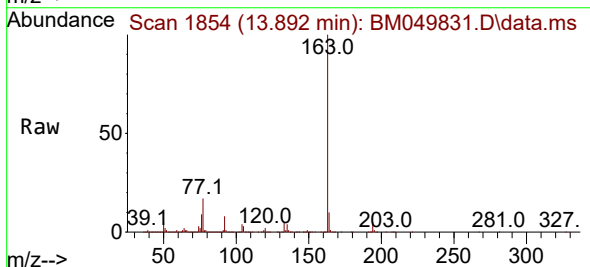
Tgt Ion:163 Resp: 2800425

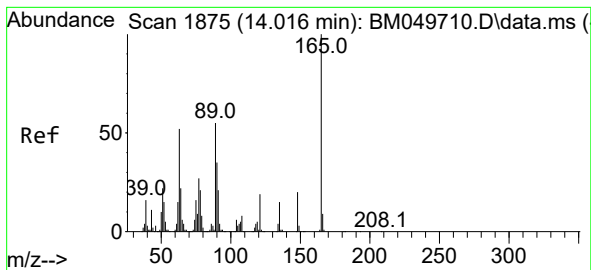
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 50.586 ng

RT: 14.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Instrument :

BNA_M

ClientSampleId :

TP-18MS

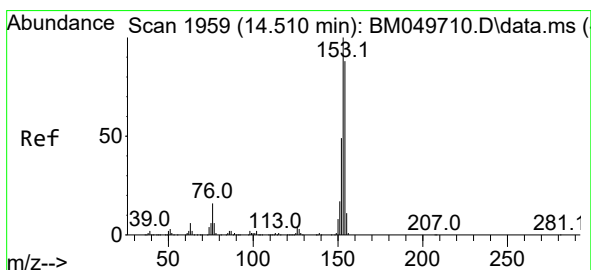
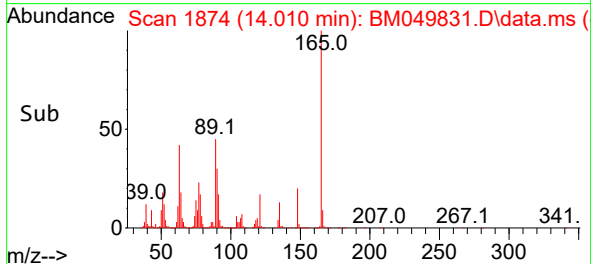
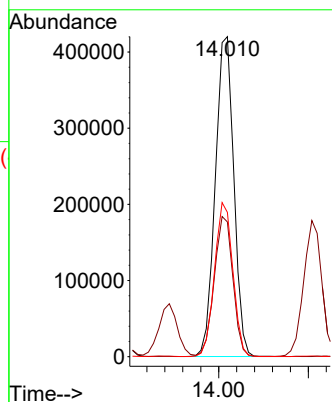
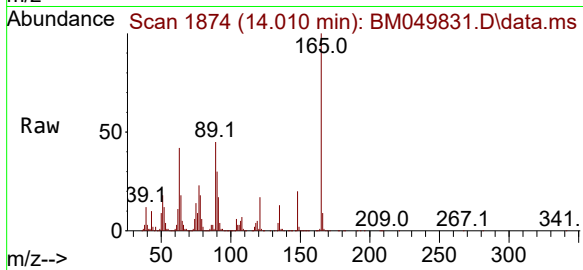
Tgt Ion:165 Resp: 601714

Ion Ratio Lower Upper

165 100

63 42.1 42.3 63.5#

89 45.1 43.9 65.9



#52

Acenaphthene

Concen: 46.011 ng

RT: 14.498 min Scan# 1957

Delta R.T. -0.012 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

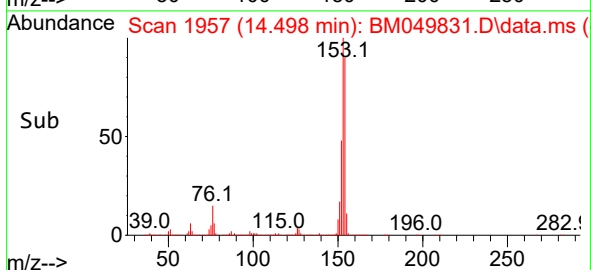
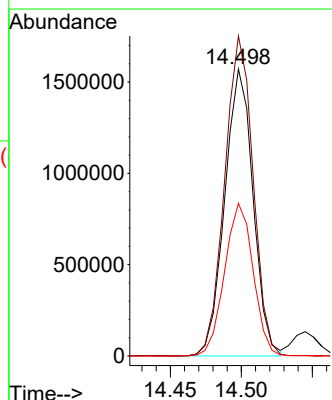
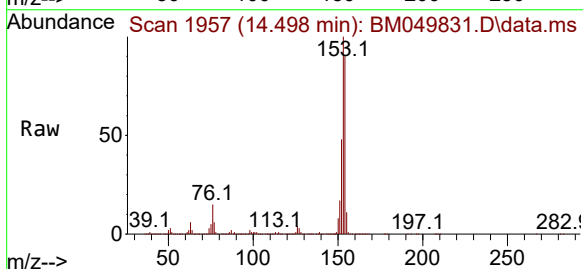
Tgt Ion:154 Resp: 2182044

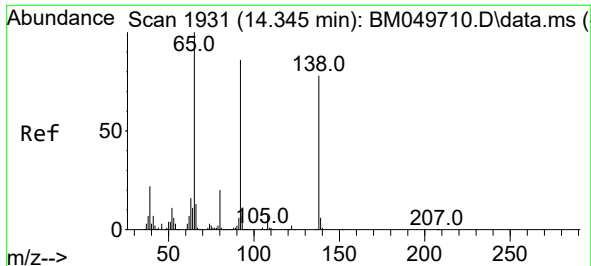
Ion Ratio Lower Upper

154 100

153 111.6 90.4 135.6

152 53.2 44.2 66.2

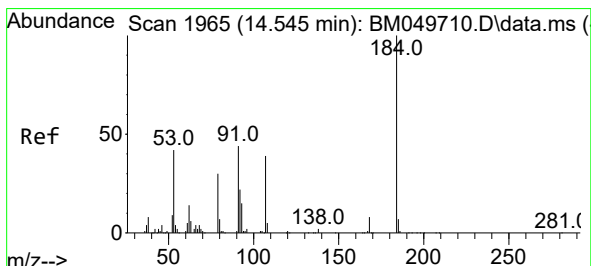
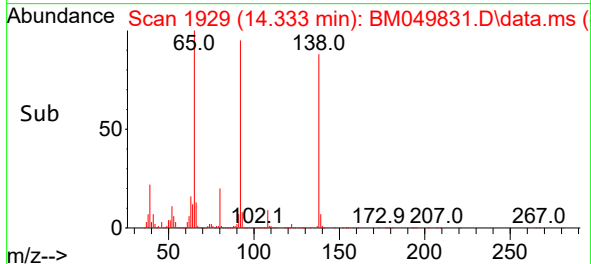
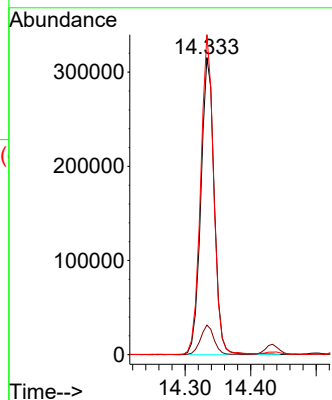
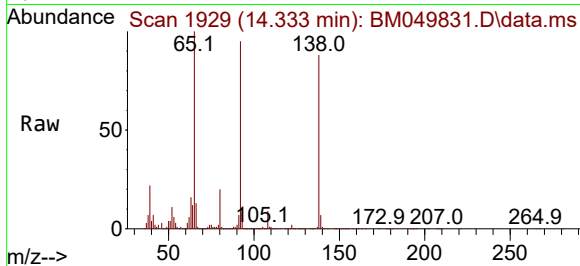




#53
3-Nitroaniline
Concen: 39.527 ng
RT: 14.333 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

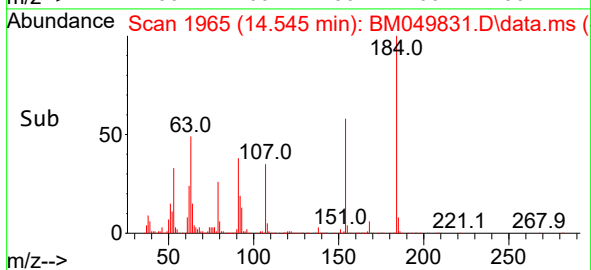
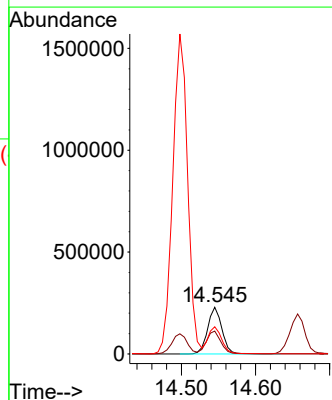
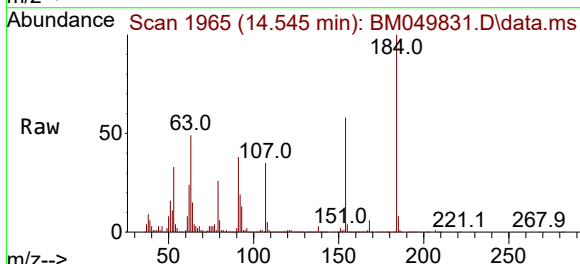
Instrument :
BNA_M
ClientSampleId :
TP-18MS

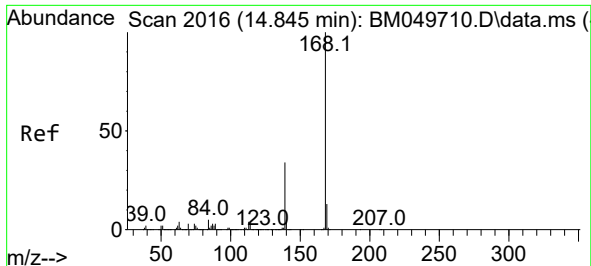
Tgt Ion:138 Resp: 447415
Ion Ratio Lower Upper
138 100
108 10.0 7.5 11.3
92 107.7 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 49.273 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:184 Resp: 308689
Ion Ratio Lower Upper
184 100
63 49.1 47.2 70.8
154 58.2 49.9 74.9

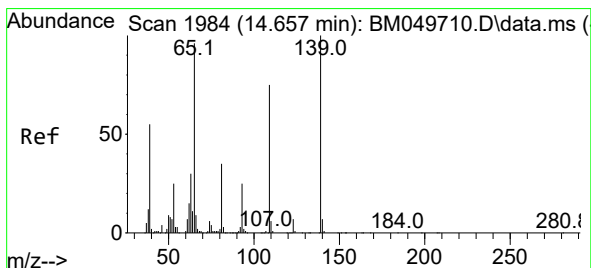
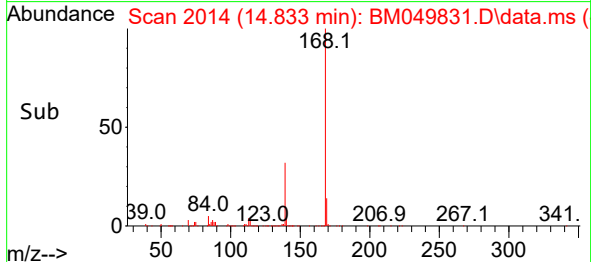
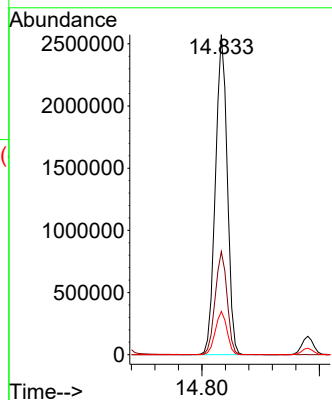
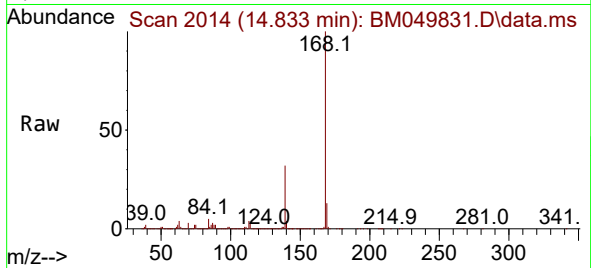




#55
Dibenzenofuran
Concen: 45.365 ng
RT: 14.833 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

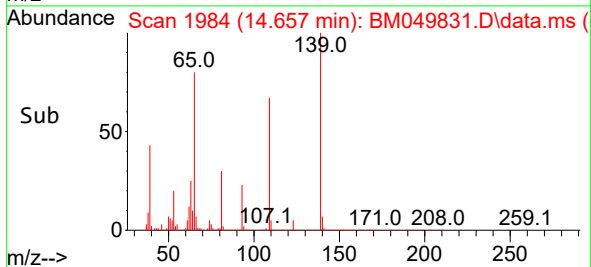
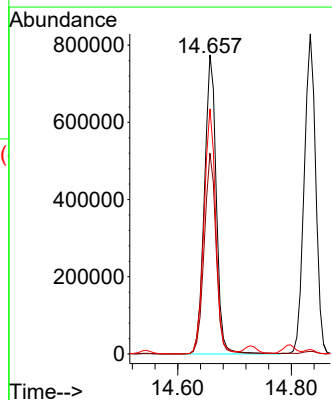
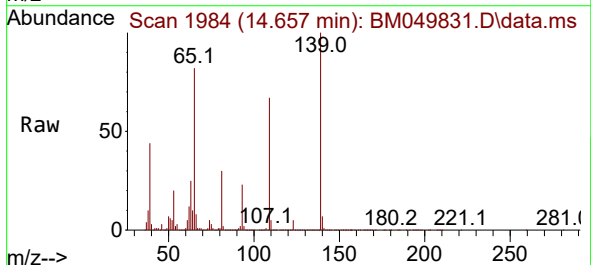
Instrument :
BNA_M
ClientSampleId :
TP-18MS

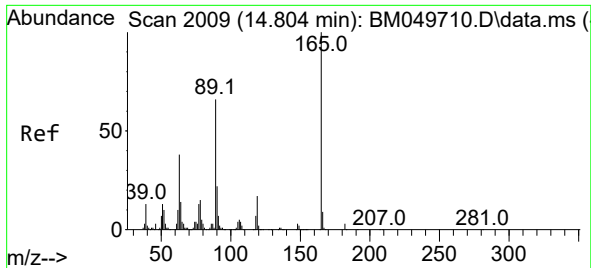
Tgt Ion:168 Resp: 3584928
Ion Ratio Lower Upper
168 100
139 32.2 27.4 41.0
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 114.046 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:139 Resp: 1123672
Ion Ratio Lower Upper
139 100
109 67.2 54.7 94.7
65 82.0 76.2 116.2

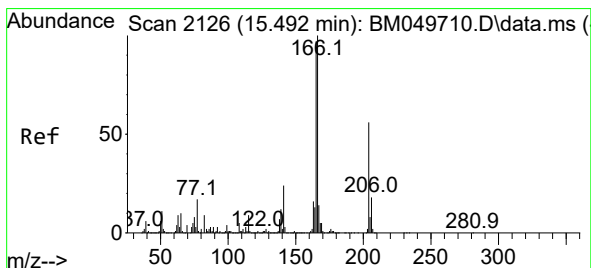
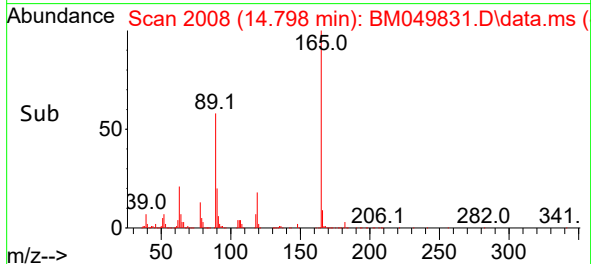
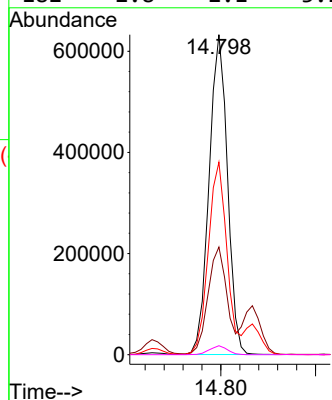
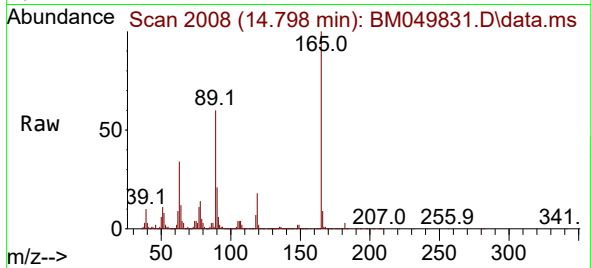




#57
2,4-Dinitrotoluene
Concen: 55.574 ng
RT: 14.798 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

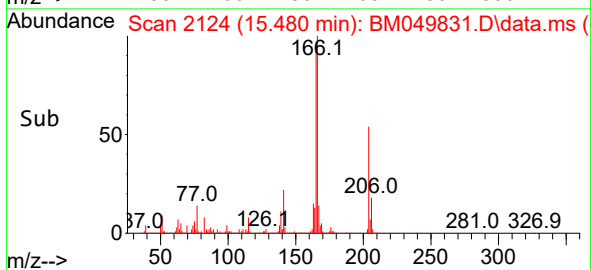
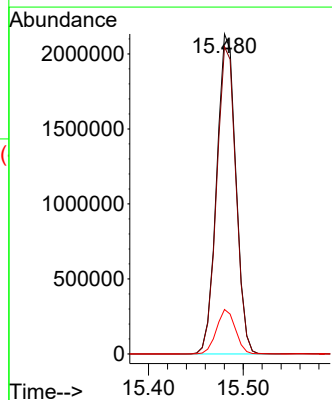
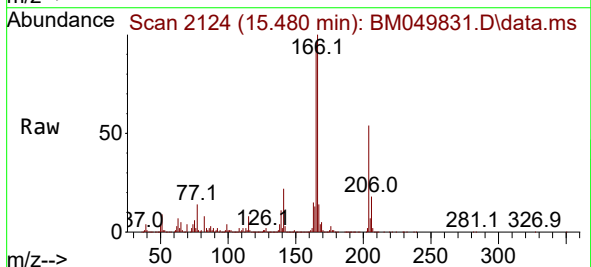
Instrument :
BNA_M
ClientSampleId :
TP-18MS

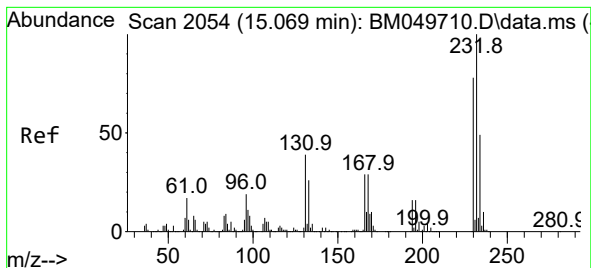
Tgt Ion:165 Resp: 850613
Ion Ratio Lower Upper
165 100
63 33.7 30.8 46.2
89 60.2 53.1 79.7
182 2.8 2.1 3.1



#58
Fluorene
Concen: 46.645 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:166 Resp: 3001109
Ion Ratio Lower Upper
166 100
165 96.0 77.5 116.3
167 13.9 10.9 16.3

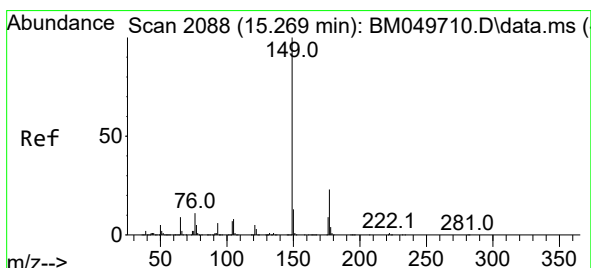
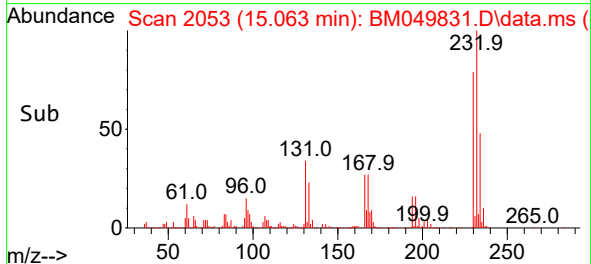
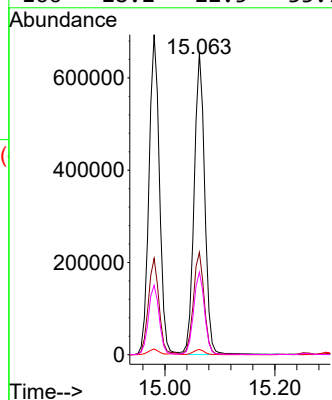
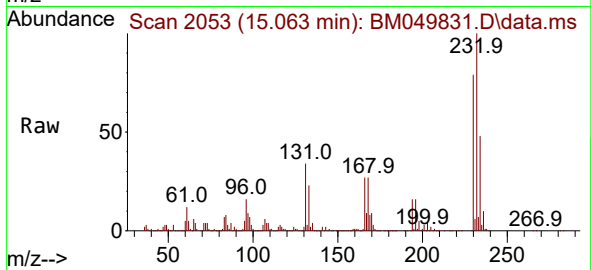




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.768 ng
RT: 15.063 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

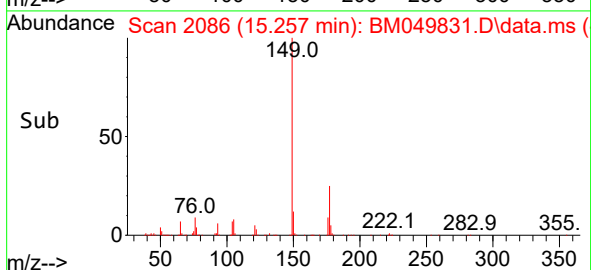
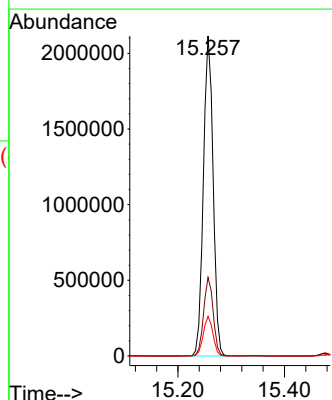
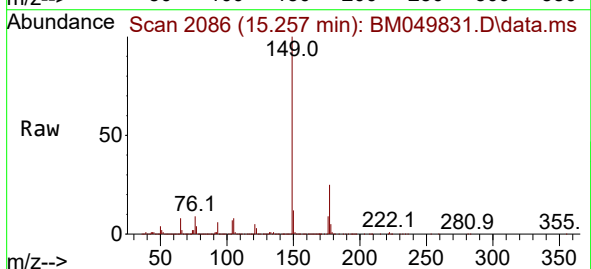
Instrument :
BNA_M
ClientSampleId :
TP-18MS

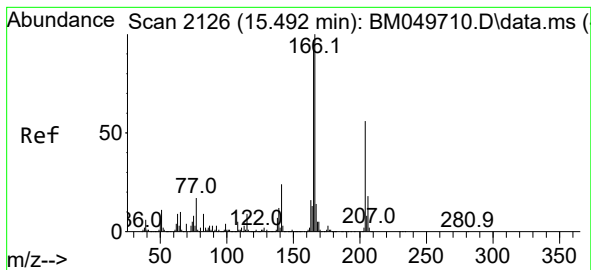
Tgt Ion:232 Resp: 871198
Ion Ratio Lower Upper
232 100
131 34.8 30.0 45.0
130 1.8 1.6 2.4
166 28.2 22.5 33.7



#60
Diethylphthalate
Concen: 47.806 ng
RT: 15.257 min Scan# 2086
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:149 Resp: 2672859
Ion Ratio Lower Upper
149 100
177 24.5 18.2 27.2
150 12.3 10.0 15.0

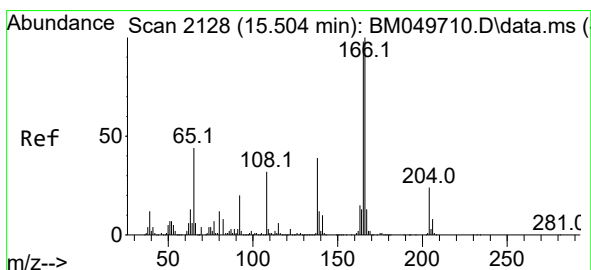
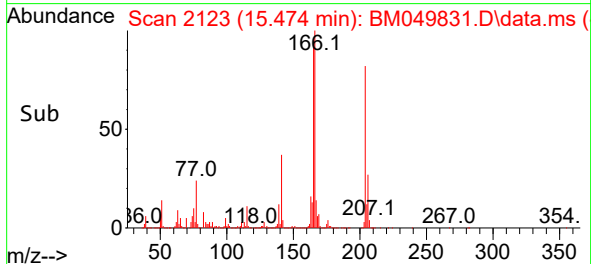
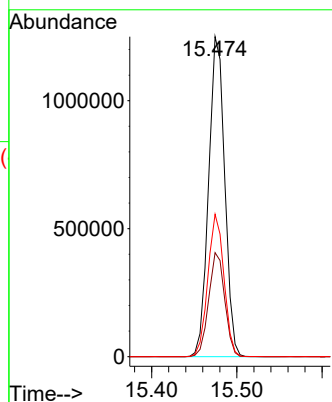
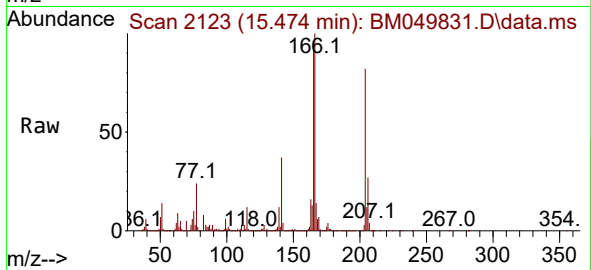




#61
4-Chlorophenyl-phenylether
Concen: 46.663 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

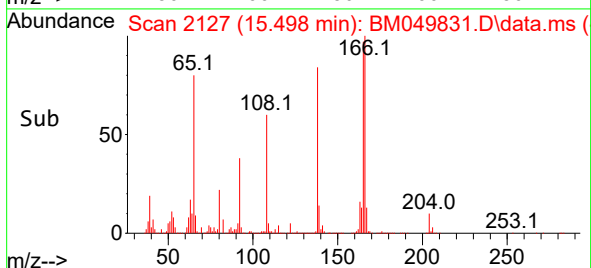
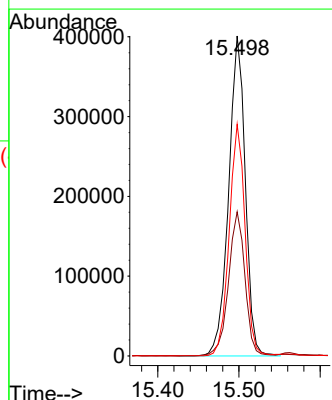
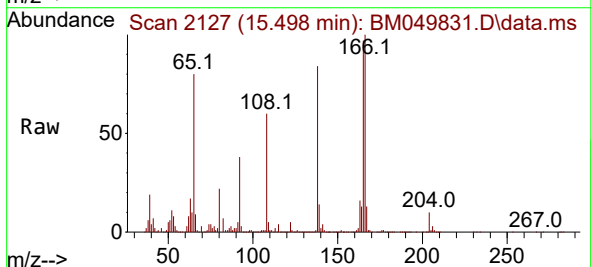
Instrument :
BNA_M
ClientSampleId :
TP-18MS

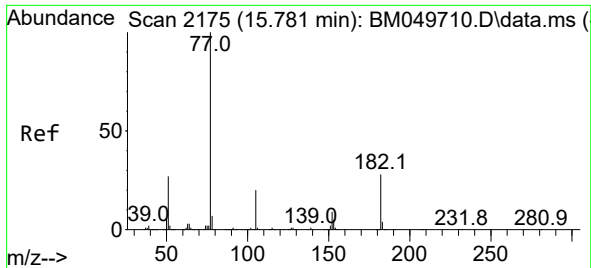
Tgt Ion:204 Resp: 1639431
Ion Ratio Lower Upper
204 100
206 32.5 25.2 37.8
141 44.5 34.5 51.7



#62
4-Nitroaniline
Concen: 42.933 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:138 Resp: 572410
Ion Ratio Lower Upper
138 100
92 45.0 29.8 69.8
108 72.4 61.3 101.3



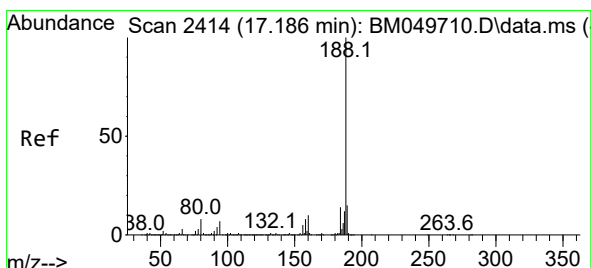
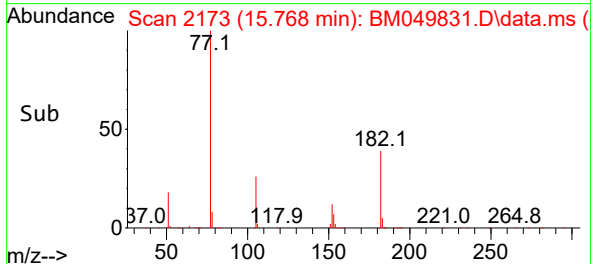
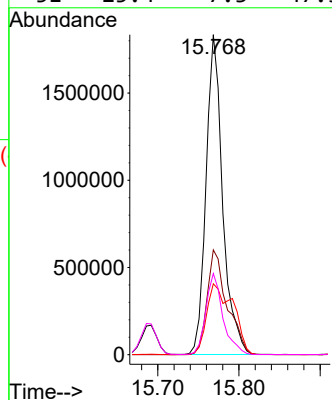
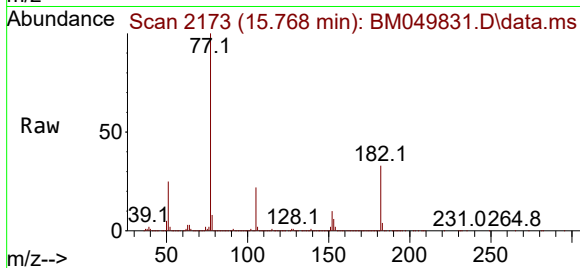


#63
Azobenzene
Concen: 48.704 ng
RT: 15.768 min Scan# 2173
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Instrument :
BNA_M
ClientSampleId :
TP-18MS

Tgt Ion: 77 Resp: 2601003

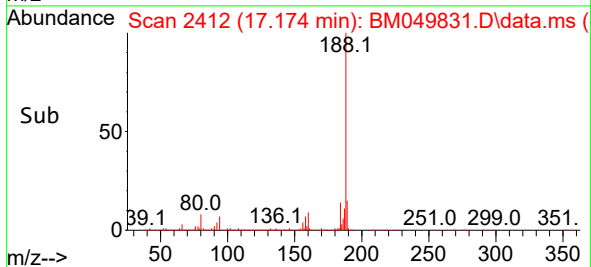
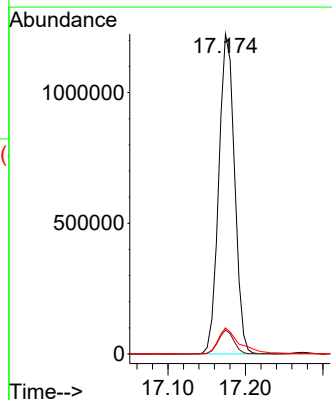
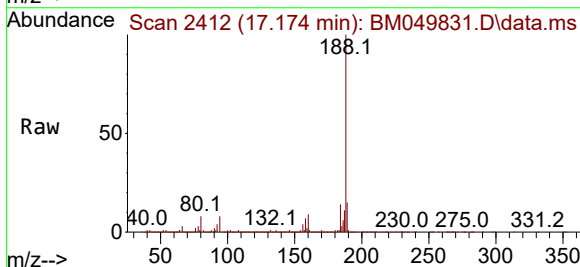
Ion	Ratio	Lower	Upper
77	100		
182	32.7	8.0	48.0
105	22.1	0.0	40.0
51	25.4	7.3	47.3

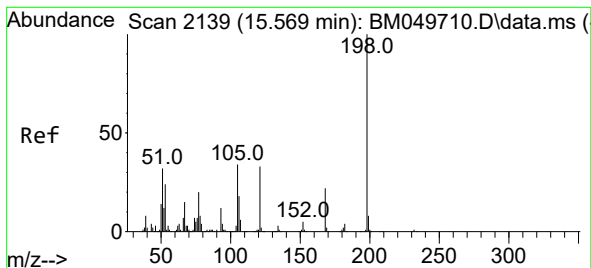


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion: 188 Resp: 1735840

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.8	8.6
80	8.1	6.3	9.5

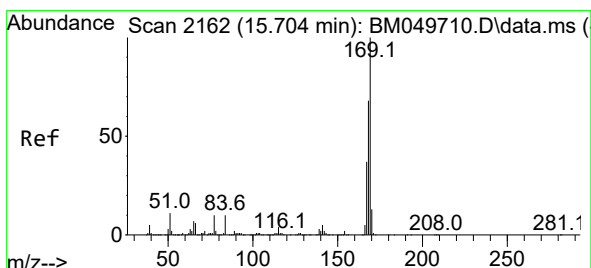
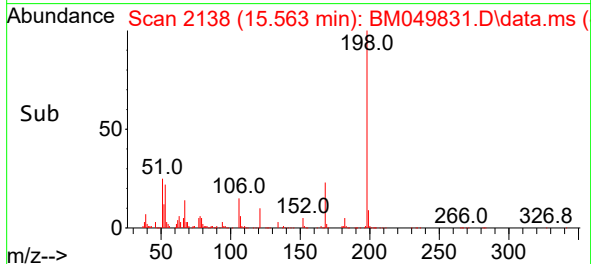
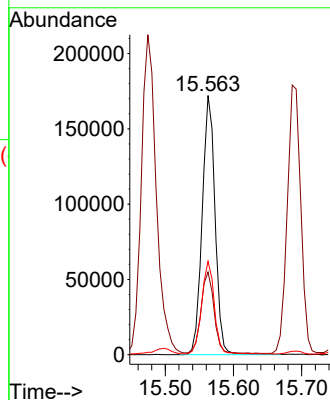
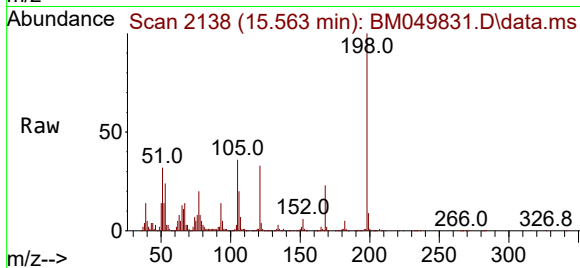




#65
4,6-Dinitro-2-methylphenol
Concen: 27.920 ng
RT: 15.563 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

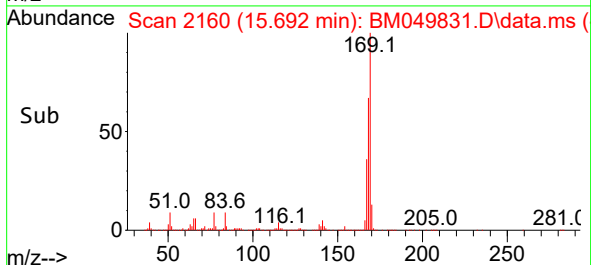
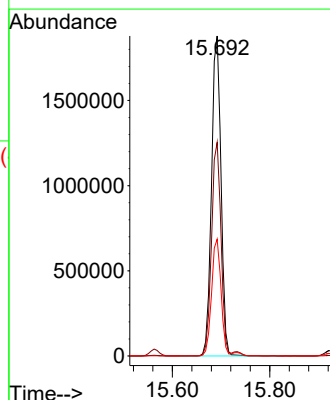
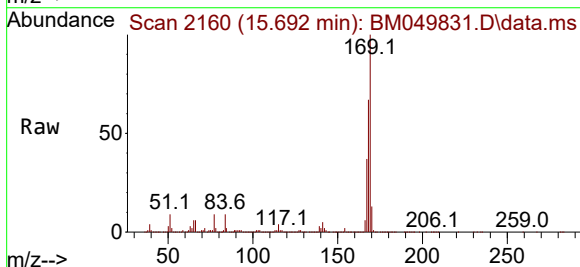
Instrument :
BNA_M
ClientSampleId :
TP-18MS

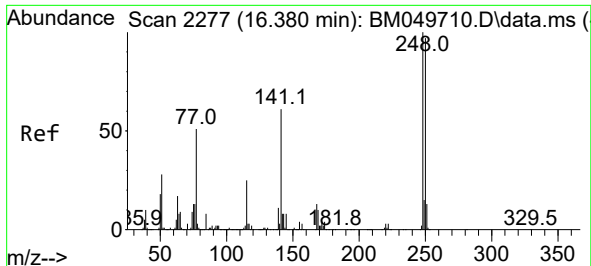
Tgt Ion:198 Resp: 226523
Ion Ratio Lower Upper
198 100
51 31.9 13.8 53.8
105 36.0 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 47.841 ng
RT: 15.692 min Scan# 2160
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:169 Resp: 2516077
Ion Ratio Lower Upper
169 100
168 66.7 54.8 82.2
167 36.5 29.9 44.9

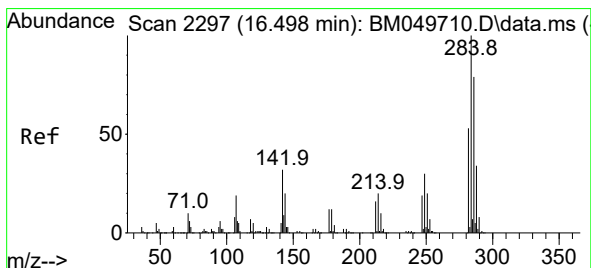
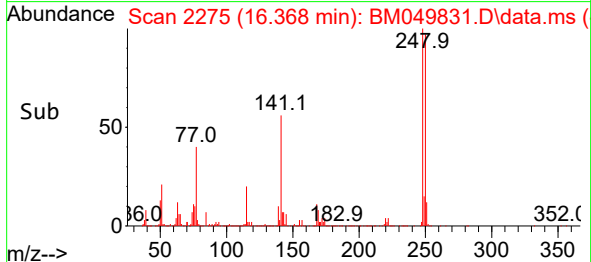
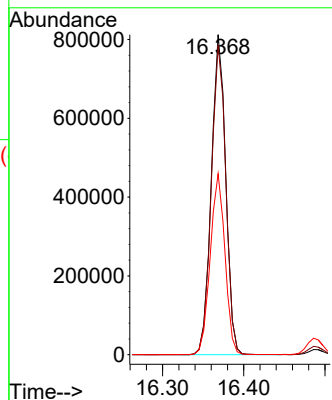
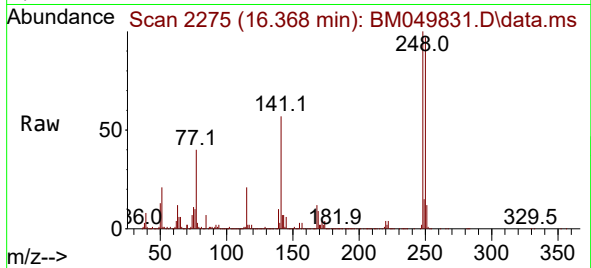




#67
4-Bromophenyl-phenylether
Concen: 49.851 ng
RT: 16.368 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

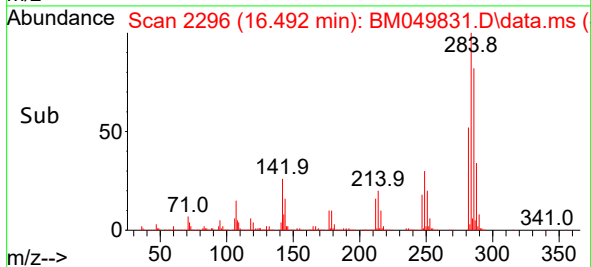
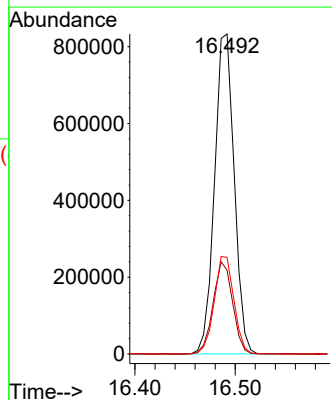
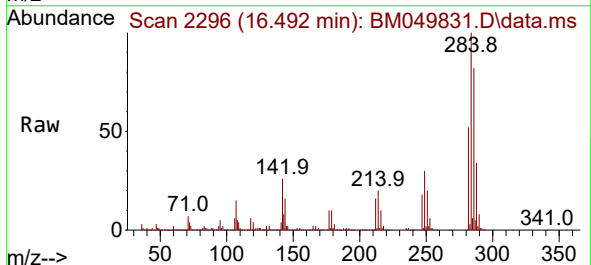
Instrument :
BNA_M
ClientSampleId :
TP-18MS

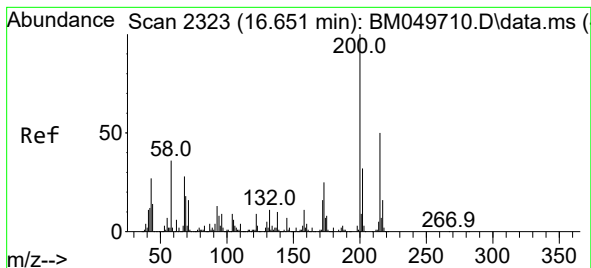
Tgt Ion:248 Resp: 999084
Ion Ratio Lower Upper
248 100
250 96.7 77.9 116.9
141 56.6 48.6 73.0



#68
Hexachlorobenzene
Concen: 50.276 ng
RT: 16.492 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:284 Resp: 1133078
Ion Ratio Lower Upper
284 100
142 26.2 25.5 38.3
249 30.2 24.2 36.2





#69

Atrazine

Concen: 79.821 ng

RT: 16.645 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Instrument :

BNA_M

ClientSampleId :

TP-18MS

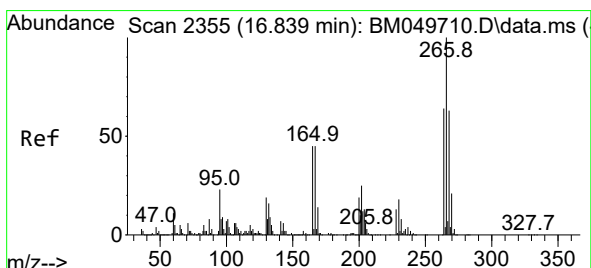
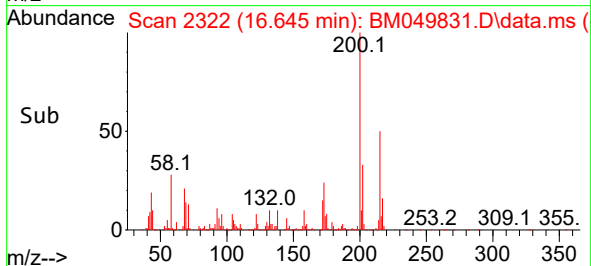
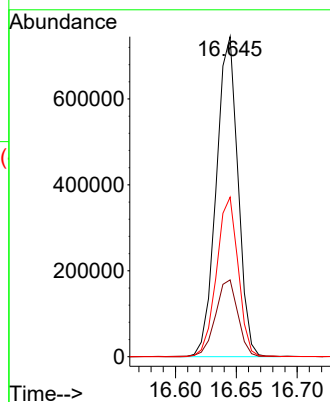
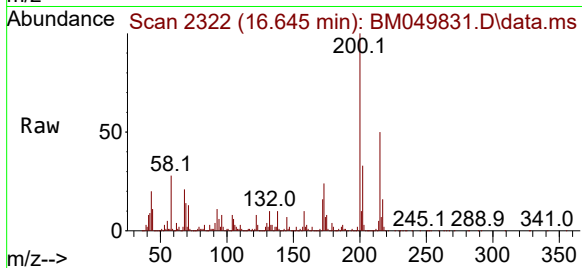
Tgt Ion:200 Resp: 925169

Ion Ratio Lower Upper

200 100

173 24.0 5.4 45.4

215 49.9 29.8 69.8



#70

Pentachlorophenol

Concen: 112.143 ng

RT: 16.833 min Scan# 2354

Delta R.T. -0.006 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

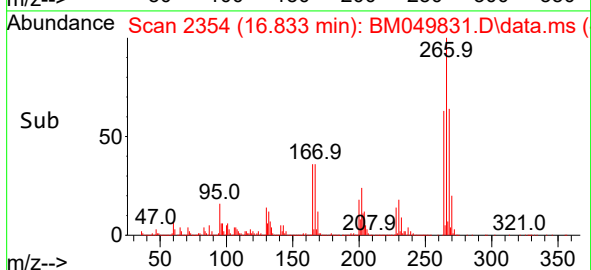
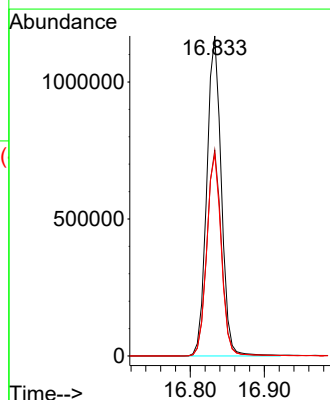
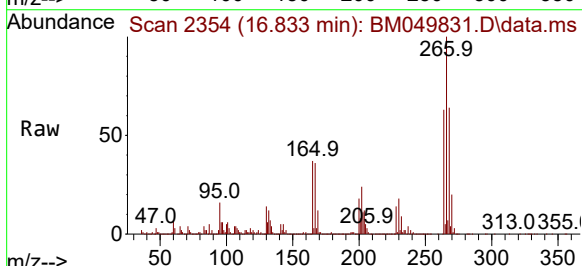
Tgt Ion:266 Resp: 1588260

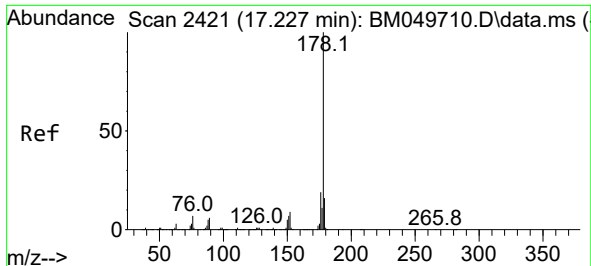
Ion Ratio Lower Upper

266 100

268 64.3 50.2 75.2

264 63.0 51.3 76.9

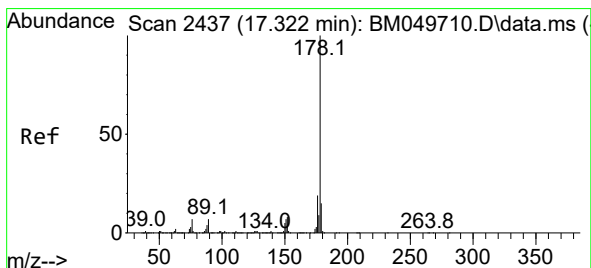
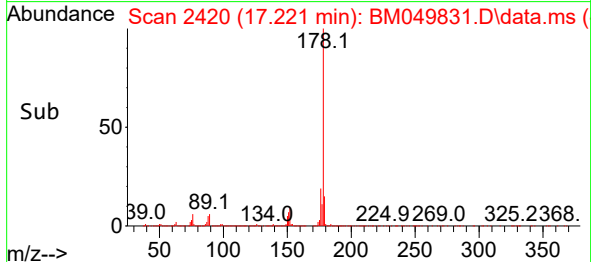
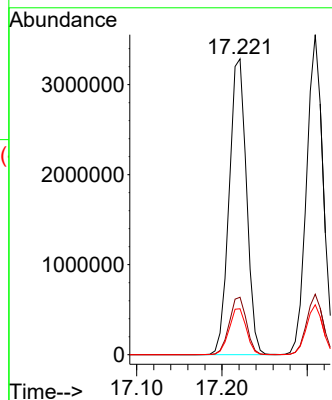
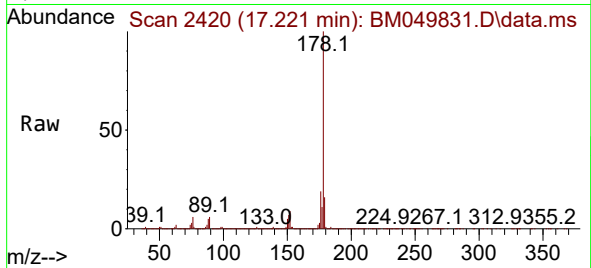




#71
Phenanthrene
Concen: 48.099 ng
RT: 17.221 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

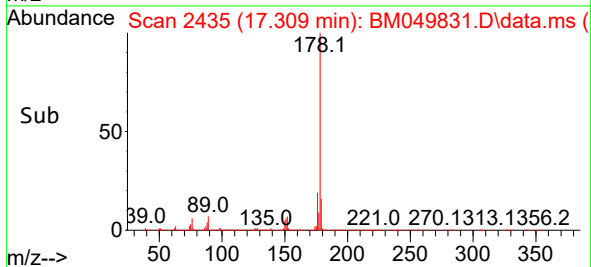
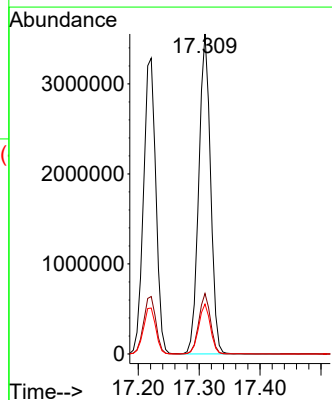
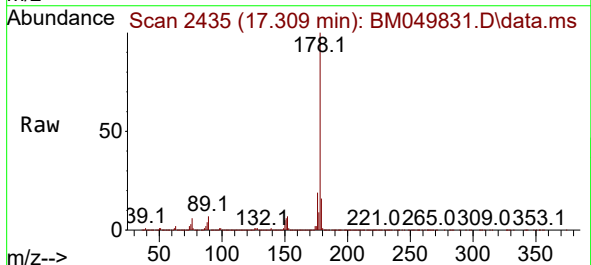
Instrument :
BNA_M
ClientSampleId :
TP-18MS

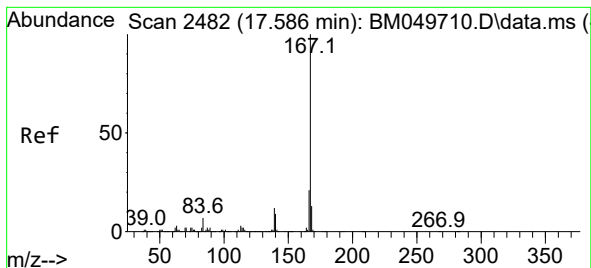
Tgt Ion:178 Resp: 4636151
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.5 12.5 18.7



#72
Anthracene
Concen: 50.990 ng
RT: 17.309 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:178 Resp: 4759687
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.6 12.4 18.6





#73

Carbazole

Concen: 50.659 ng

RT: 17.580 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Instrument :

BNA_M

ClientSampleId :

TP-18MS

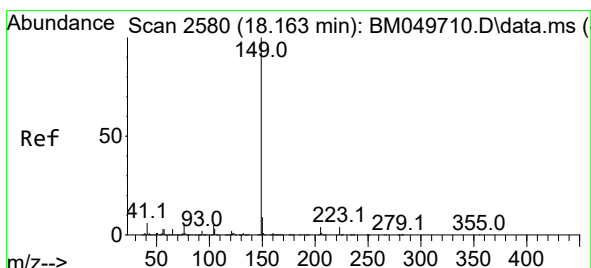
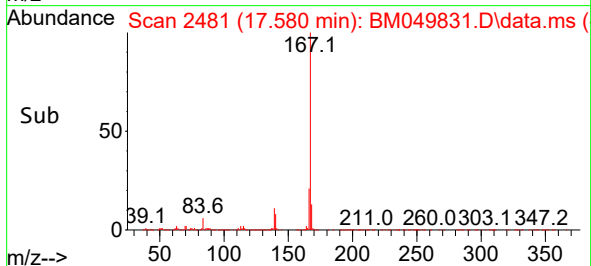
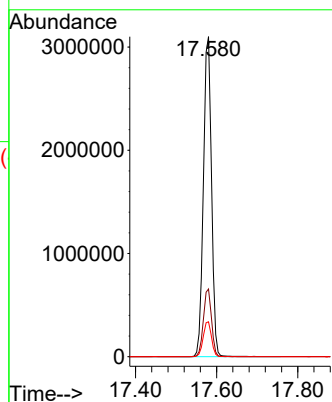
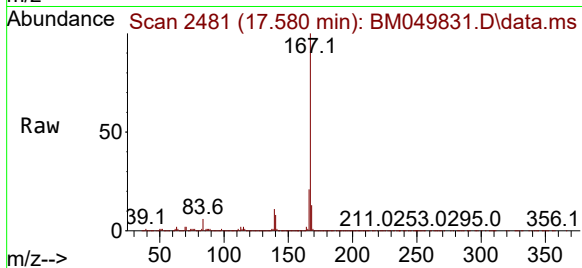
Tgt Ion:167 Resp: 4282604

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.6

139 10.9 9.4 14.2



#74

Di-n-butylphthalate

Concen: 53.553 ng

RT: 18.145 min Scan# 2577

Delta R.T. -0.018 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

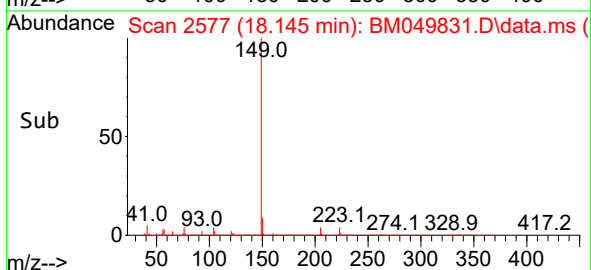
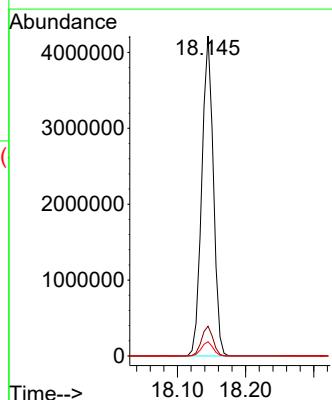
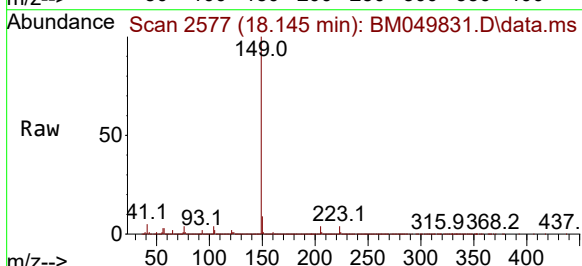
Tgt Ion:149 Resp: 4962054

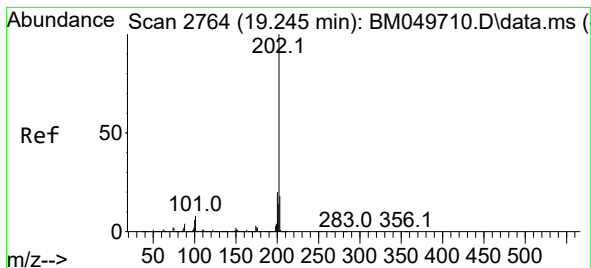
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 4.5 3.9 5.9





#75

Fluoranthene

Concen: 50.141 ng

RT: 19.233 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Instrument :

BNA_M

ClientSampleId :

TP-18MS

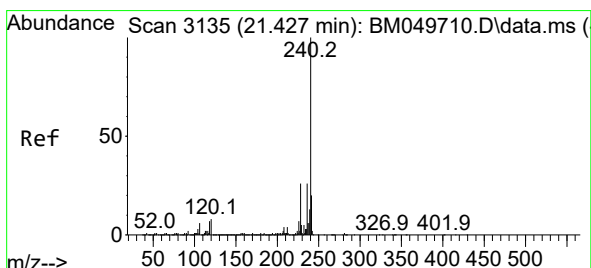
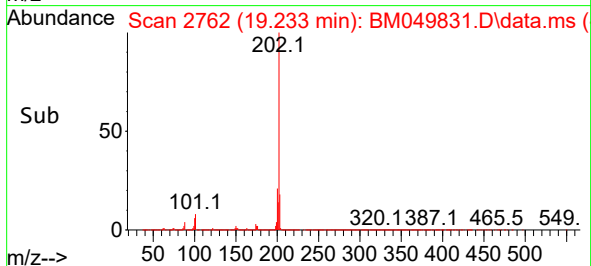
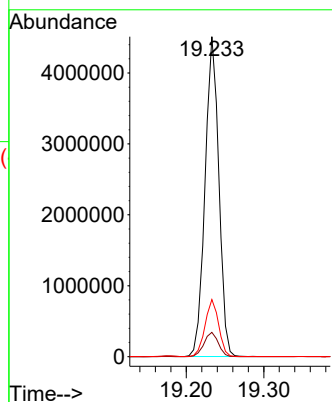
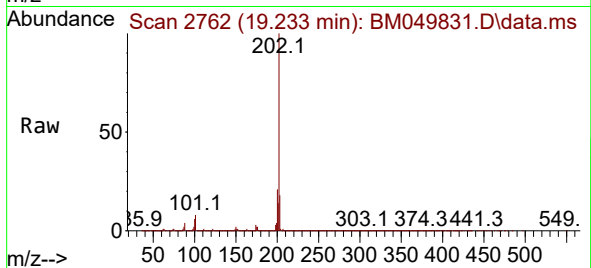
Tgt Ion:202 Resp: 5564095

Ion Ratio Lower Upper

202 100

101 7.6 0.0 27.8

203 17.9 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3133

Delta R.T. -0.012 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

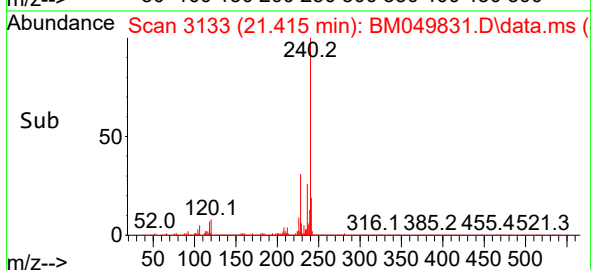
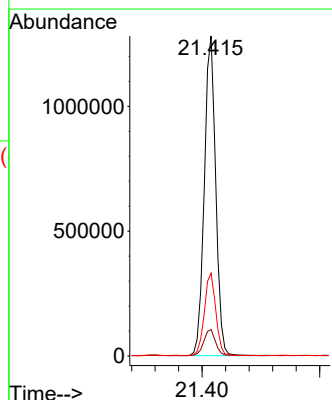
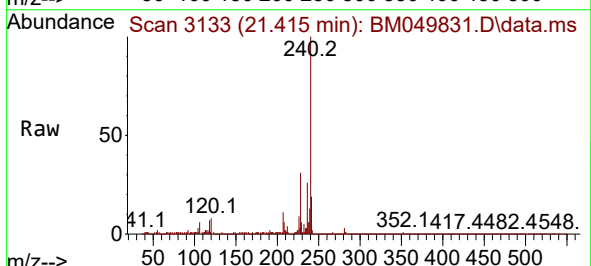
Tgt Ion:240 Resp: 1721481

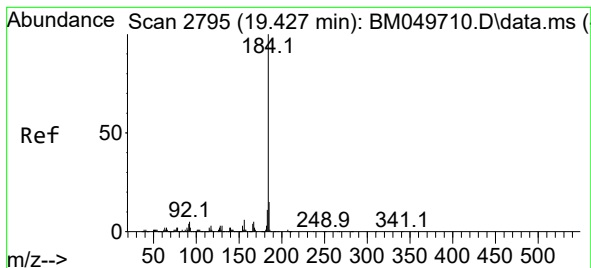
Ion Ratio Lower Upper

240 100

120 8.2 6.5 9.7

236 25.9 20.7 31.1





#77

Benzidine

Concen: 248.731 ng

RT: 19.421 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Instrument :

BNA_M

ClientSampleId :

TP-18MS

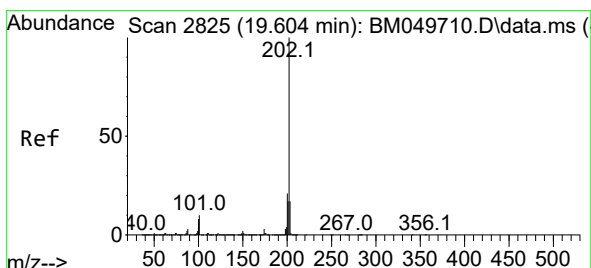
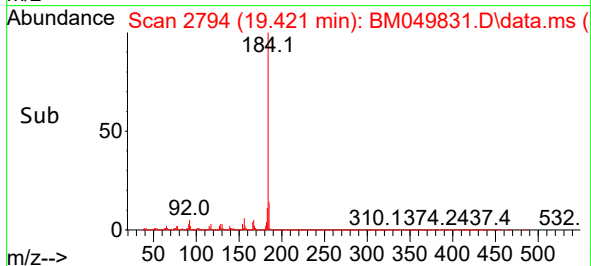
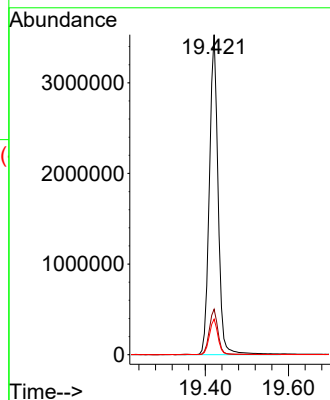
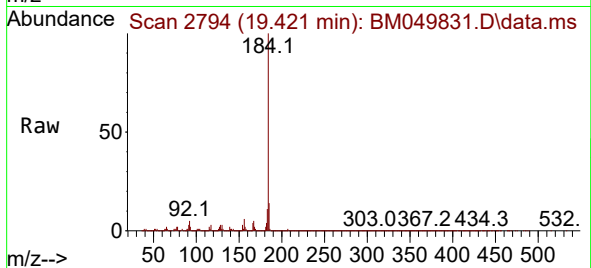
Tgt Ion:184 Resp: 5144221

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

183 11.1 8.8 13.2



#78

Pyrene

Concen: 47.326 ng

RT: 19.598 min Scan# 2824

Delta R.T. -0.006 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

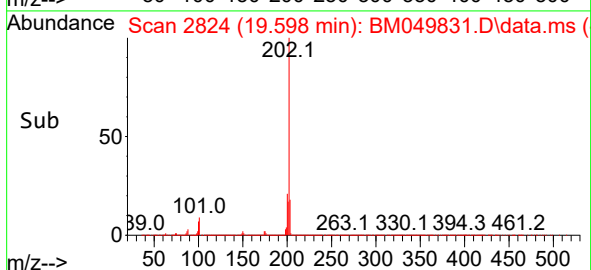
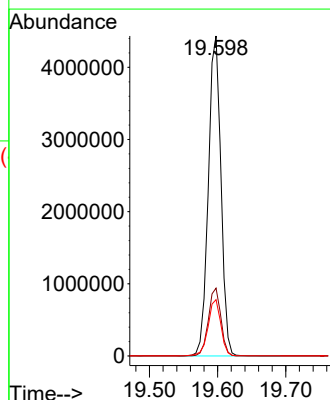
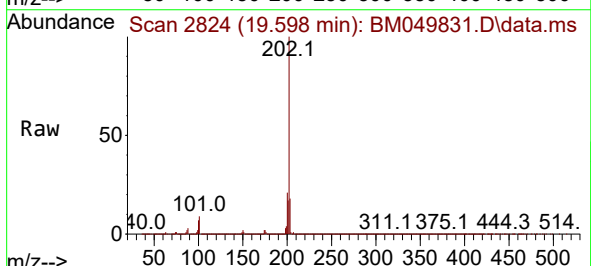
Tgt Ion:202 Resp: 5692052

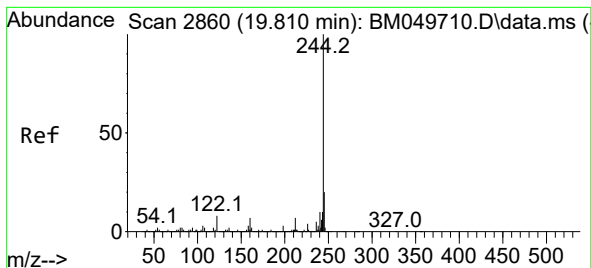
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 69.023 ng

RT: 19.798 min Scan# 2

Delta R.T. -0.012 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Instrument :

BNA_M

ClientSampleId :

TP-18MS

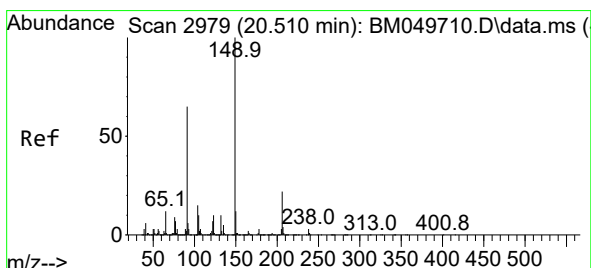
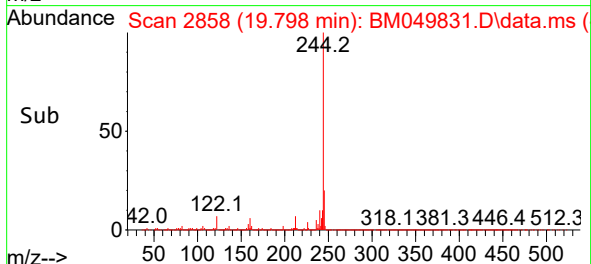
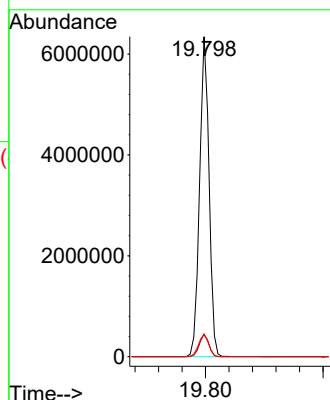
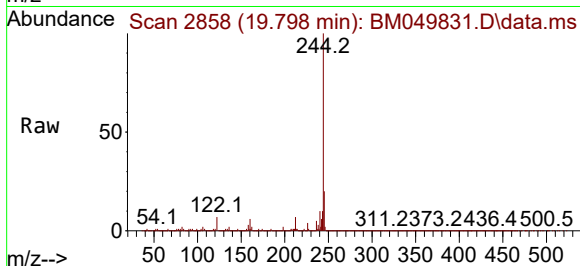
Tgt Ion:244 Resp: 7051205

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 7.0 6.0 9.0



#80

Butylbenzylphthalate

Concen: 58.586 ng

RT: 20.492 min Scan# 2976

Delta R.T. -0.018 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

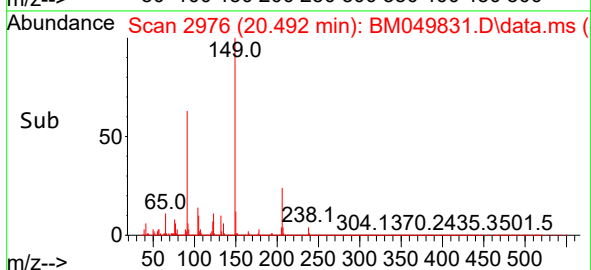
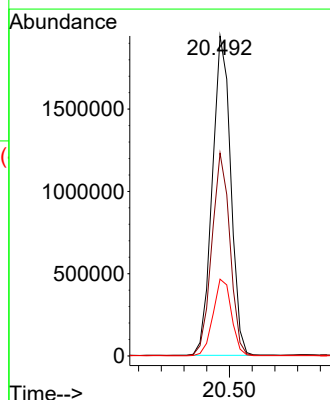
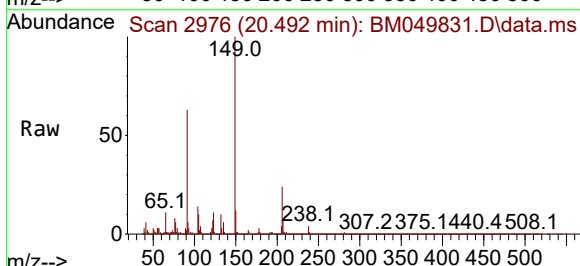
Tgt Ion:149 Resp: 2186734

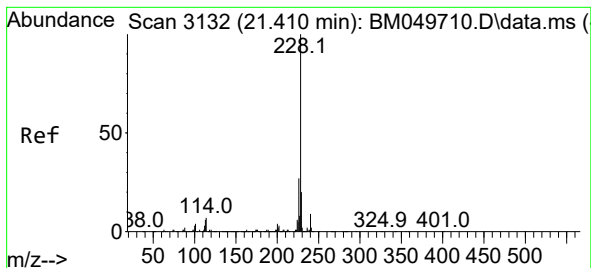
Ion Ratio Lower Upper

149 100

91 63.4 52.2 78.4

206 24.0 17.6 26.4





#81

Benzo(a)anthracene

Concen: 49.525 ng

RT: 21.397 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Instrument :

BNA_M

ClientSampleId :

TP-18MS

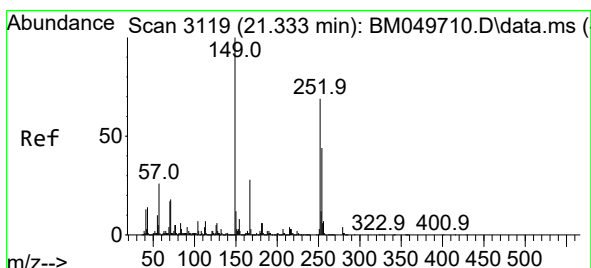
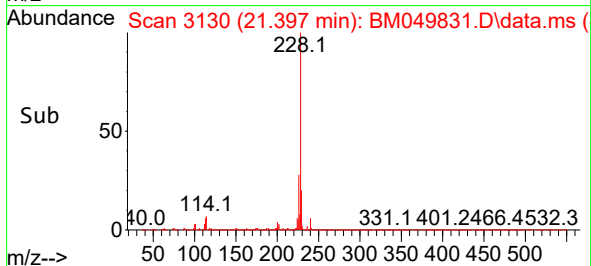
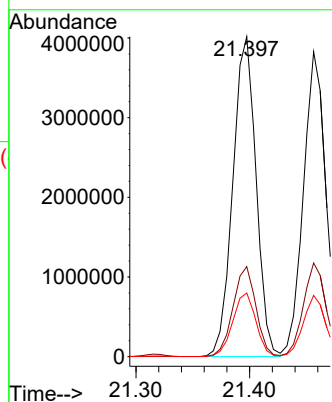
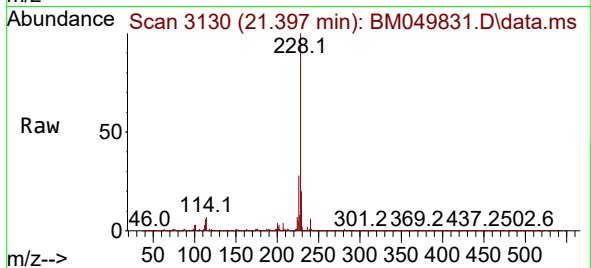
Tgt Ion:228 Resp: 5694517

Ion Ratio Lower Upper

228 100

226 28.2 22.0 33.0

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 60.060 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.018 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

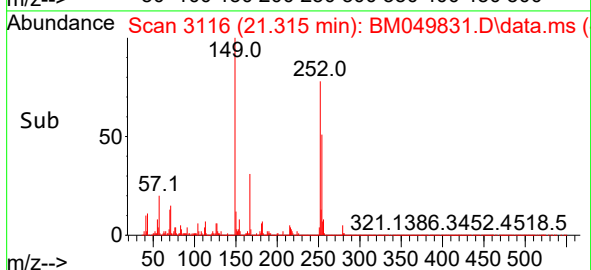
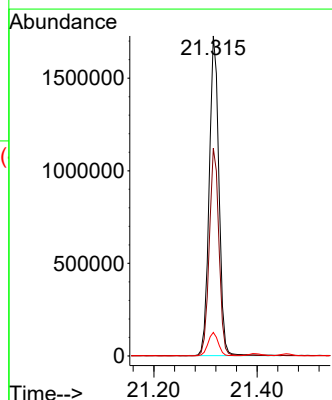
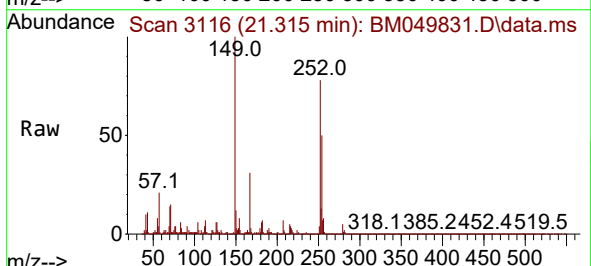
Tgt Ion:252 Resp: 2248387

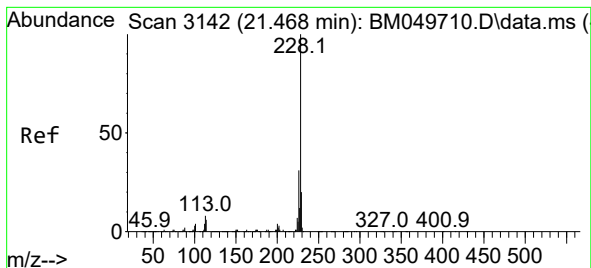
Ion Ratio Lower Upper

252 100

254 64.9 51.0 76.4

126 7.3 6.3 9.5





#83

Chrysene

Concen: 48.024 ng

RT: 21.456 min Scan# 3117

Delta R.T. -0.012 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Instrument :

BNA_M

ClientSampleId :

TP-18MS

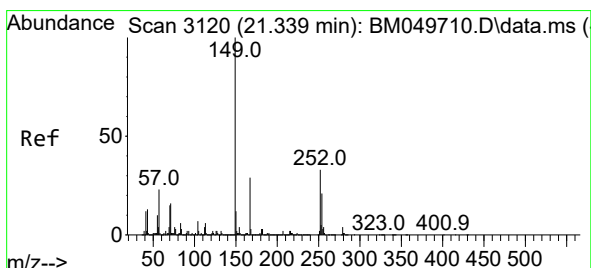
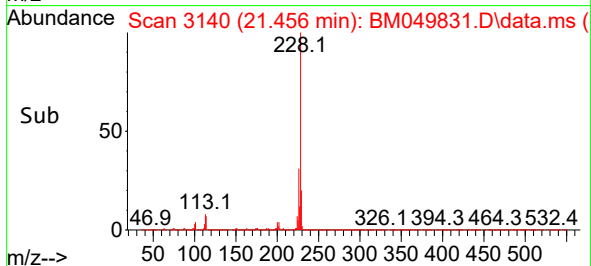
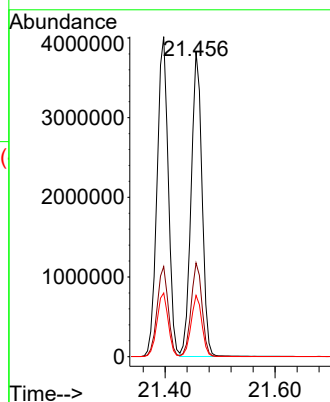
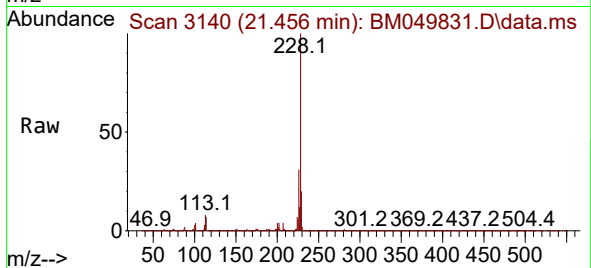
Tgt Ion:228 Resp: 5234523

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 20.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.784 ng

RT: 21.321 min Scan# 3117

Delta R.T. -0.018 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

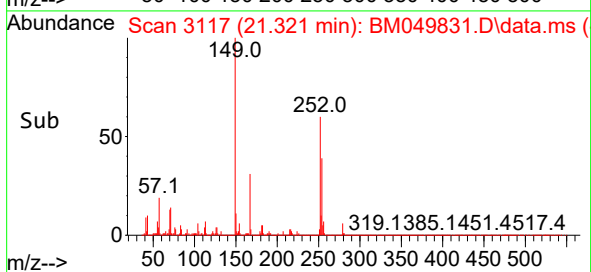
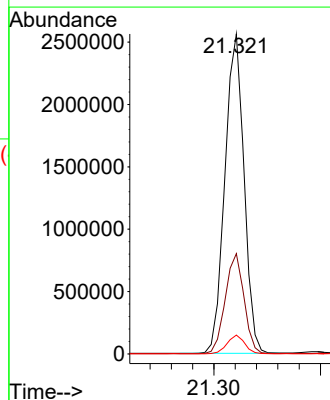
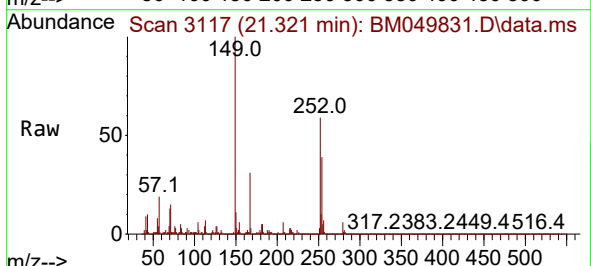
Tgt Ion:149 Resp: 3186763

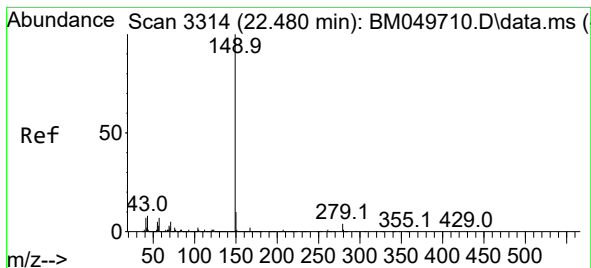
Ion Ratio Lower Upper

149 100

167 31.3 22.9 34.3

279 5.9 3.5 5.3#





#85

Di-n-octyl phthalate

Concen: 62.863 ng

RT: 22.456 min Scan# 31

Delta R.T. -0.024 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Instrument :

BNA_M

ClientSampleId :

TP-18MS

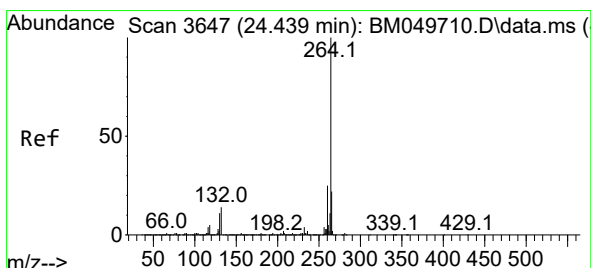
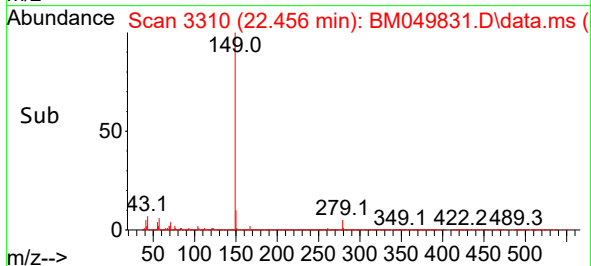
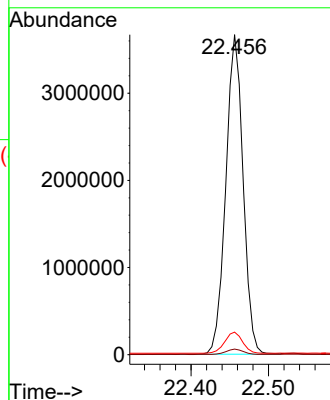
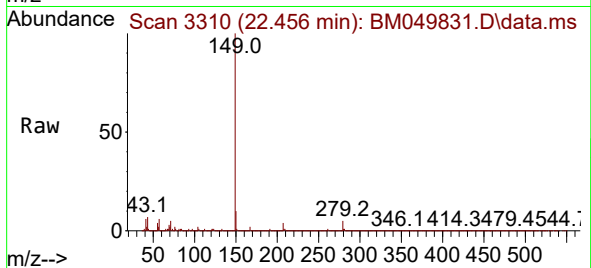
Tgt Ion:149 Resp: 5683539

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 6.8 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.421 min Scan# 3644

Delta R.T. -0.018 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

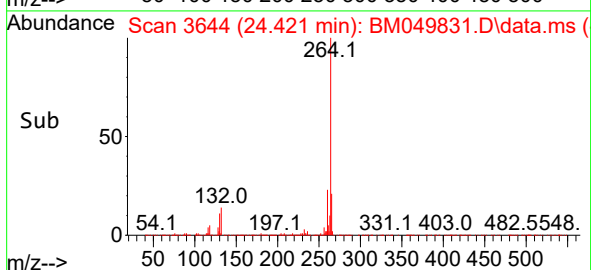
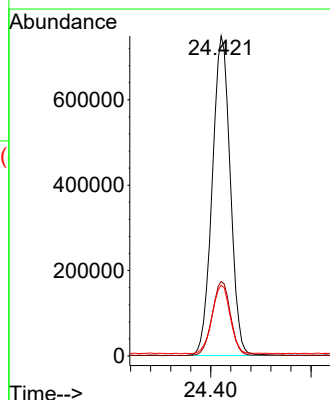
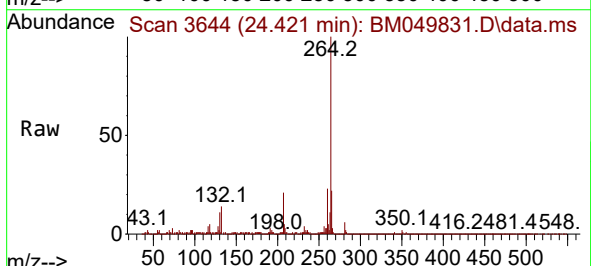
Tgt Ion:264 Resp: 1866539

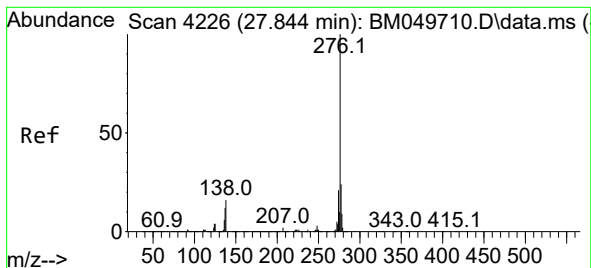
Ion Ratio Lower Upper

264 100

260 23.3 19.6 29.4

265 22.1 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.278 ng

RT: 27.826 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Instrument :

BNA_M

ClientSampleId :

TP-18MS

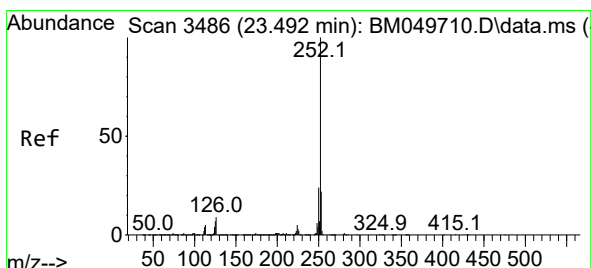
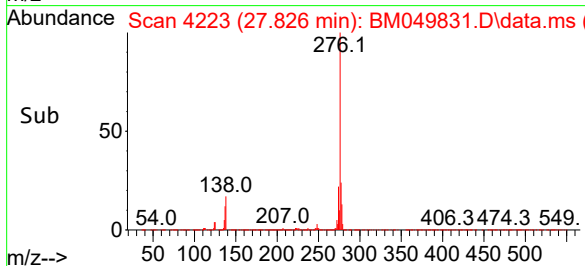
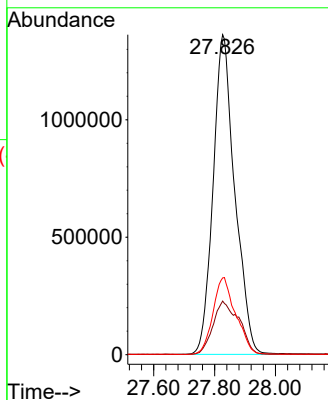
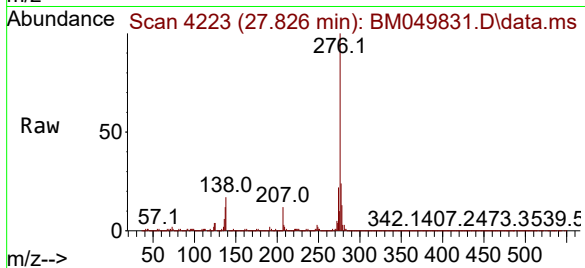
Tgt Ion:276 Resp: 6754576

Ion Ratio Lower Upper

276 100

138 20.0 16.3 24.5

277 25.1 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 44.564 ng

RT: 23.474 min Scan# 3483

Delta R.T. -0.018 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

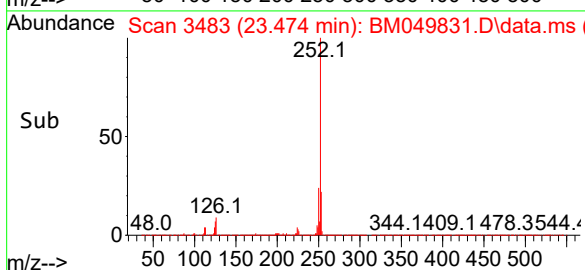
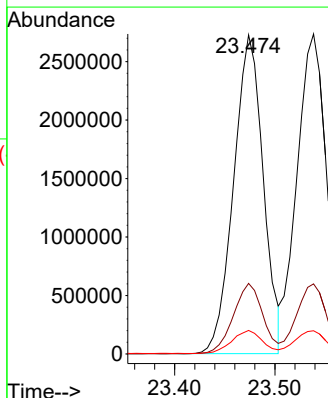
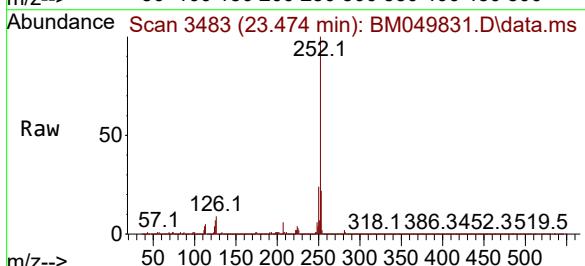
Tgt Ion:252 Resp: 5602460

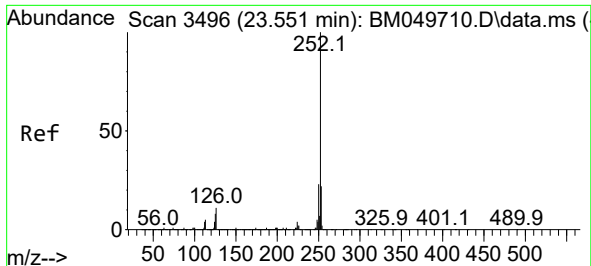
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 7.4 5.9 8.9

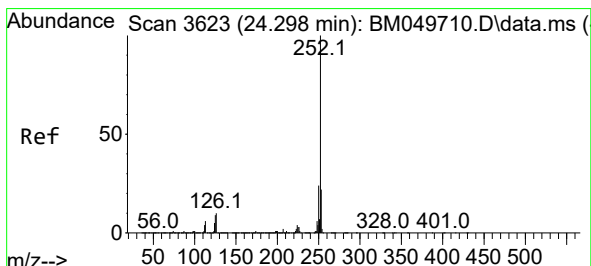
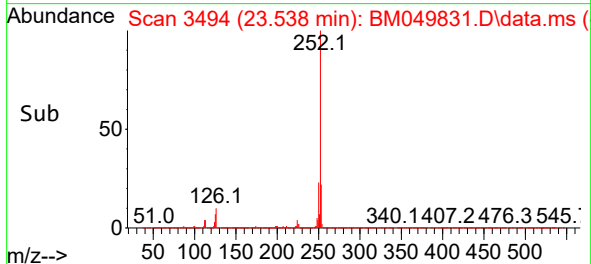
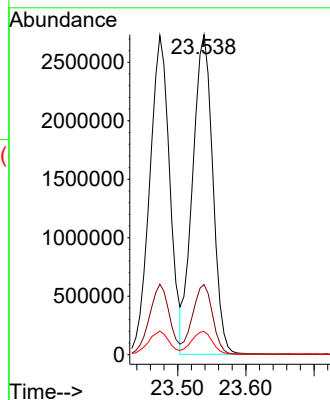
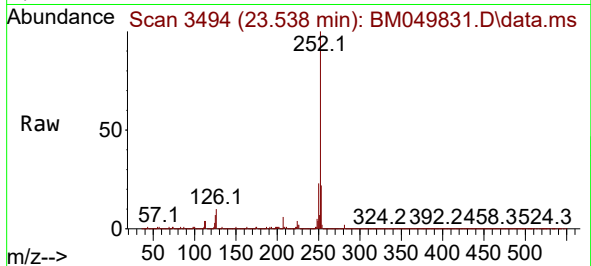




#89
Benzo(k)fluoranthene
Concen: 45.118 ng
RT: 23.538 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

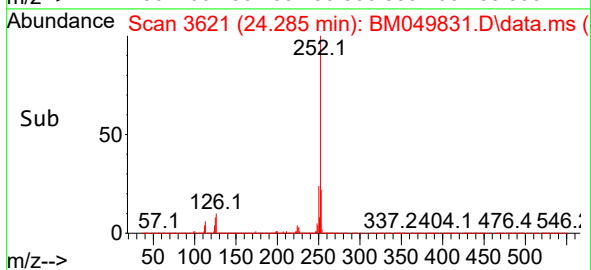
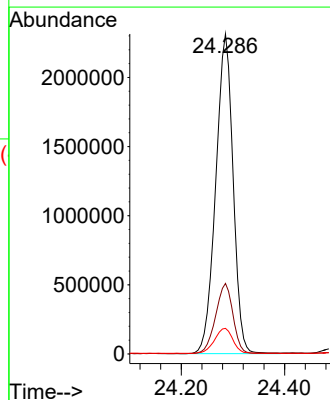
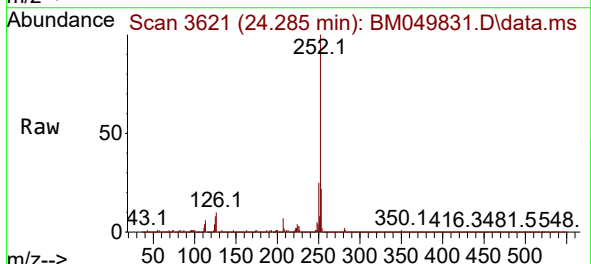
Instrument :
BNA_M
ClientSampleId :
TP-18MS

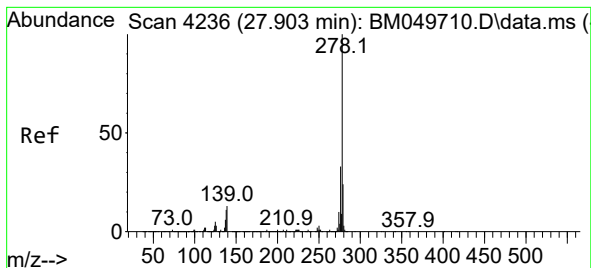
Tgt Ion:252 Resp: 5581332
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 7.2 6.2 9.2



#90
Benzo(a)pyrene
Concen: 50.878 ng
RT: 24.285 min Scan# 3621
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:252 Resp: 5372649
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 8.0 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 49.785 ng

RT: 27.879 min Scan# 41

Delta R.T. -0.024 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Instrument :

BNA_M

ClientSampleId :

TP-18MS

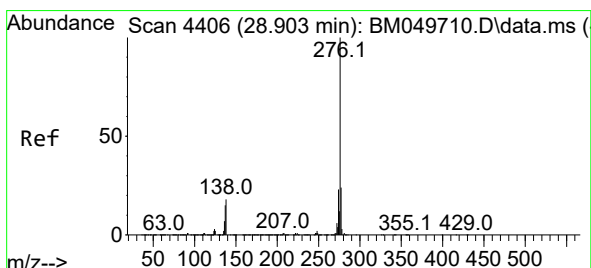
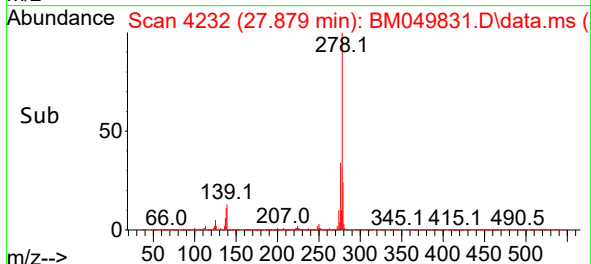
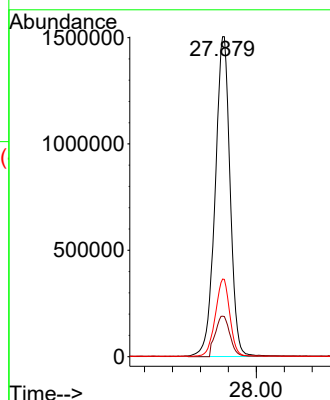
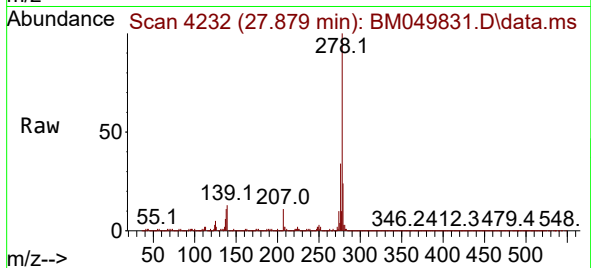
Tgt Ion:278 Resp: 5572457

Ion Ratio Lower Upper

278 100

139 12.7 10.1 15.1

279 24.3 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 46.866 ng

RT: 28.885 min Scan# 4403

Delta R.T. -0.018 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Tgt Ion:276 Resp: 5283895

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 17.9 14.0 21.0

