

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049830.D
 Acq On : 04 Apr 2025 19:16
 Operator : RC/JU
 Sample : Q1721-02MSD 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-05-040325MSD

Quant Time: Apr 04 22:56:36 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	7.787	152	327679	20.000	ng	-0.02
21) Naphthalene-d8	10.586	136	1182965	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	794263	20.000	ng	-0.01
64) Phenanthrene-d10	17.174	188	1550646	20.000	ng	-0.01
76) Chrysene-d12	21.409	240	1452084	20.000	ng	-0.02
86) Perylene-d12	24.421	264	1653905	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	450014	23.173	ng	-0.01
7) Phenol-d6	6.963	99	579392	23.774	ng	-0.02
23) Nitrobenzene-d5	8.945	82	333595	14.478	ng	-0.02
42) 2,4,6-Tribromophenol	15.921	330	259935	28.027	ng	-0.01
45) 2-Fluorobiphenyl	13.051	172	880267	13.880	ng	-0.02
79) Terphenyl-d14	19.798	244	1130770	13.122	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	74285	8.836	ng	96
3) Pyridine	3.675	79	196673	9.160	ng	99
4) n-Nitrosodimethylamine	3.581	42	83312	8.770	ng	# 91
6) Aniline	7.116	93	206495	10.113	ng	97
8) 2-Chlorophenol	7.357	128	244652	12.722	ng	96
9) Benzaldehyde	6.928	77	137323	11.398	ng	95
10) Phenol	6.987	94	290657	12.300	ng	93
11) bis(2-Chloroethyl)ether	7.210	93	218301	11.408	ng	96
12) 1,3-Dichlorobenzene	7.681	146	279187	11.946	ng	97
13) 1,4-Dichlorobenzene	7.822	146	280287	11.888	ng	99
14) 1,2-Dichlorobenzene	8.140	146	274655	12.257	ng	97
15) Benzyl Alcohol	8.028	79	191226	12.503	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.316	45	261095	11.609	ng	98
17) 2-Methylphenol	8.234	107	188728	13.452	ng	96
18) Hexachloroethane	8.869	117	87077	10.458	ng	94
19) n-Nitroso-di-n-propyla...	8.592	70	163452	11.566	ng	96
20) 3+4-Methylphenols	8.563	107	252726	13.442	ng	97
22) Acetophenone	8.610	105	330207	10.826	ng	# 98
24) Nitrobenzene	8.987	77	235704	10.849	ng	94
25) Isophorone	9.516	82	451217	12.755	ng	98
26) 2-Nitrophenol	9.698	139	113328	12.256	ng	96
27) 2,4-Dimethylphenol	9.763	122	214146	18.194	ng	98
28) bis(2-Chloroethoxy)met...	9.992	93	285481	11.458	ng	98
29) 2,4-Dichlorophenol	10.234	162	250881	13.081	ng	97
30) 1,2,4-Trichlorobenzene	10.451	180	286044	11.920	ng	98
31) Naphthalene	10.634	128	722337	11.875	ng	99
32) Benzoic acid	9.857	122	124778	12.465	ng	95
33) 4-Chloroaniline	10.739	127	185272	8.925	ng	96
34) Hexachlorobutadiene	10.928	225	178241	12.032	ng	100
35) Caprolactam	11.510	113	61670	13.849	ng	95
36) 4-Chloro-3-methylphenol	11.875	107	217222	13.197	ng	97
37) 2-Methylnaphthalene	12.251	142	482212	11.337	ng	99
38) 1-Methylnaphthalene	12.469	142	503495	12.269	ng	96
40) 1,2,4,5-Tetrachloroben...	12.622	216	319796	10.961	ng	99
41) Hexachlorocyclopentadiene	12.604	237	65136	6.026	ng	98
43) 2,4,6-Trichlorophenol	12.863	196	207254	12.684	ng	99

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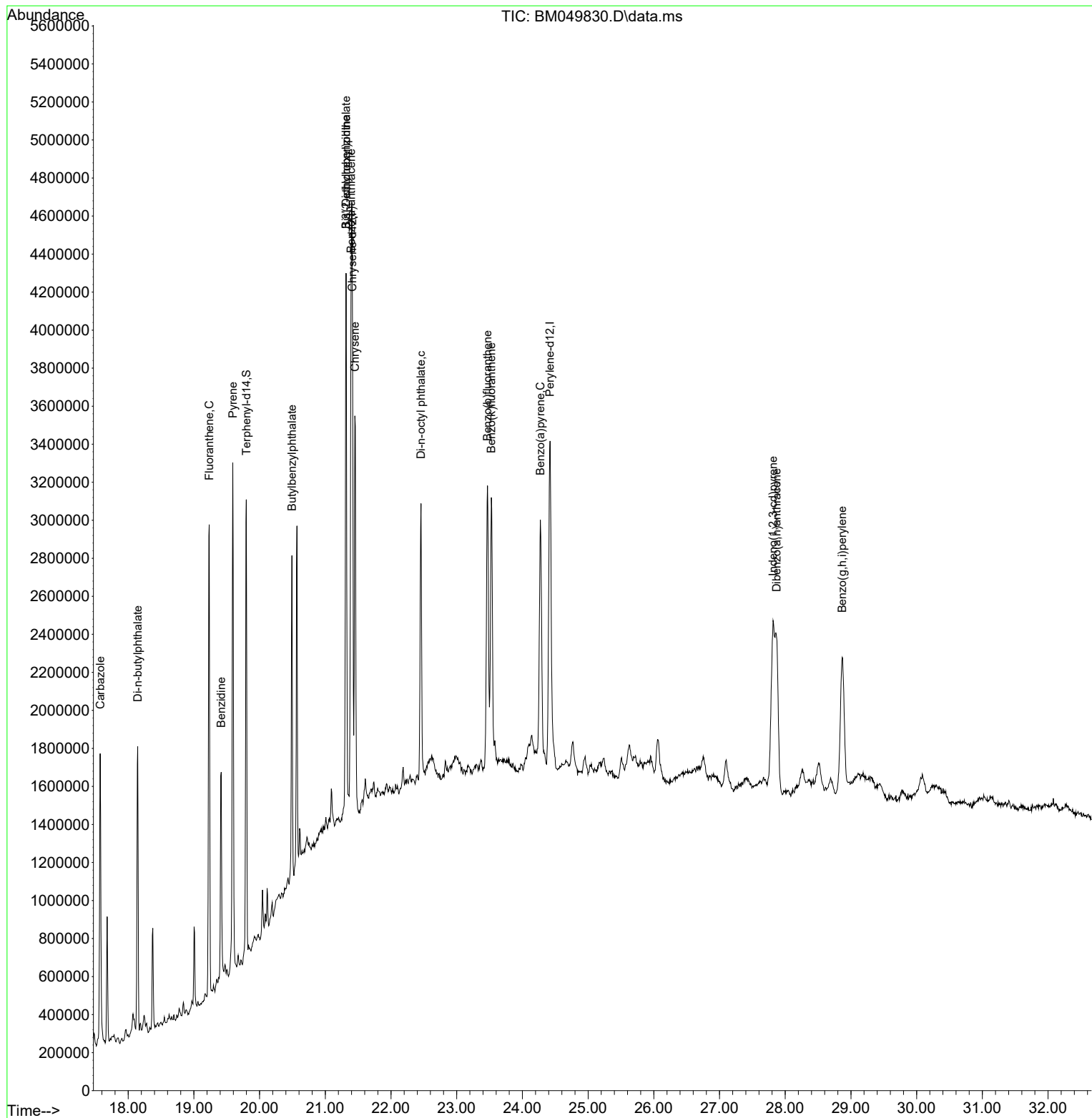
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	229331	12.861	ng	97
46) 1,1'-Biphenyl	13.263	154	708671	11.577	ng	99
47) 2-Chloronaphthalene	13.304	162	560236	11.758	ng	98
48) 2-Nitroaniline	13.504	65	125945	11.775	ng	89
49) Acenaphthylene	14.151	152	865591	12.997	ng	99
50) Dimethylphthalate	13.886	163	651935	11.922	ng	99
51) 2,6-Dinitrotoluene	14.004	165	130508	11.911	ng	89
52) Acenaphthene	14.498	154	538071	12.317	ng	99
53) 3-Nitroaniline	14.333	138	107224	10.283	ng	89
54) 2,4-Dinitrophenol	14.539	184	33246	10.107	ng	96
55) Dibenzofuran	14.833	168	877984	12.061	ng	97
56) 4-Nitrophenol	14.651	139	237817	26.202	ng	88
57) 2,4-Dinitrotoluene	14.792	165	176992	12.553	ng	# 92
58) Fluorene	15.480	166	739189	12.472	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.063	232	192101	12.870	ng	# 99
60) Diethylphthalate	15.251	149	631967	12.270	ng	99
61) 4-Chlorophenyl-phenylether	15.474	204	362796	11.210	ng	96
62) 4-Nitroaniline	15.492	138	122425	12.853	ng	91
63) Azobenzene	15.763	77	578607	11.762	ng	97
65) 4,6-Dinitro-2-methylph...	15.557	198	28459	6.950	ng	81
66) n-Nitrosodiphenylamine	15.686	169	588621	12.529	ng	99
67) 4-Bromophenyl-phenylether	16.368	248	215539	12.039	ng	99
68) Hexachlorobenzene	16.486	284	248732	12.355	ng	99
69) Atrazine	16.639	200	208586	20.146	ng	99
70) Pentachlorophenol	16.827	266	318457	25.171	ng	98
71) Phenanthrene	17.215	178	1408300	16.356	ng	100
72) Anthracene	17.304	178	1146110	13.744	ng	99
73) Carbazole	17.574	167	991592	13.130	ng	100
74) Di-n-butylphthalate	18.145	149	1121544	13.550	ng	99
75) Fluoranthene	19.233	202	1518076	15.314	ng	99
77) Benzidine	19.415	184	736045	42.192	ng	100
78) Pyrene	19.592	202	1493784	14.724	ng	100
80) Butylbenzylphthalate	20.492	149	479251	15.222	ng	96
81) Benzo(a)anthracene	21.392	228	1329520	13.708	ng	99
82) 3,3'-Dichlorobenzidine	21.315	252	400082	12.670	ng	98
83) Chrysene	21.450	228	1213633	13.200	ng	99
84) Bis(2-ethylhexyl)phtha...	21.315	149	713091	14.533	ng	98
85) Di-n-octyl phthalate	22.456	149	1247314	16.355	ng	97
87) Indeno(1,2,3-cd)pyrene	27.815	276	1551754	13.035	ng	100
88) Benzo(b)fluoranthene	23.468	252	1325891	11.902	ng	# 97
89) Benzo(k)fluoranthene	23.527	252	1263449	11.527	ng	97
90) Benzo(a)pyrene	24.274	252	1273336	13.609	ng	97
91) Dibenzo(a,h)anthracene	27.868	278	1213990	12.240	ng	97
92) Benzo(g,h,i)perylene	28.868	276	1256983	12.582	ng	97

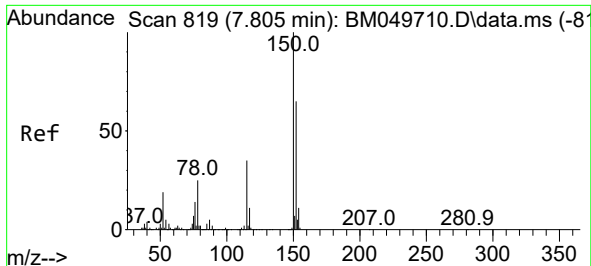
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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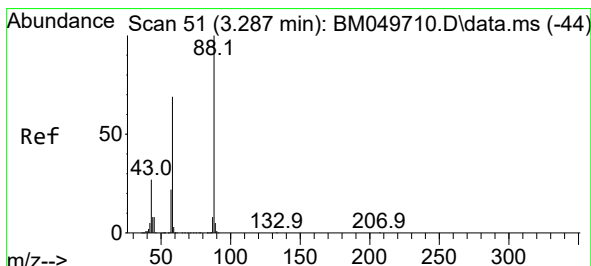
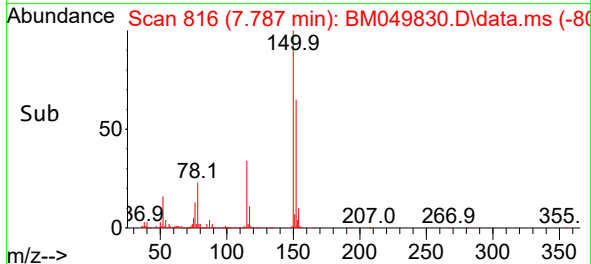
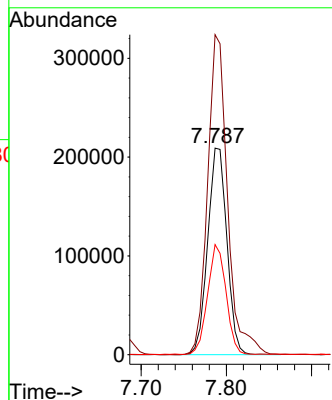
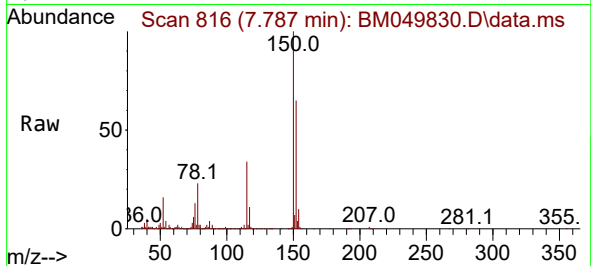




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BM049830.D
 Acq: 04 Apr 2025 19:16

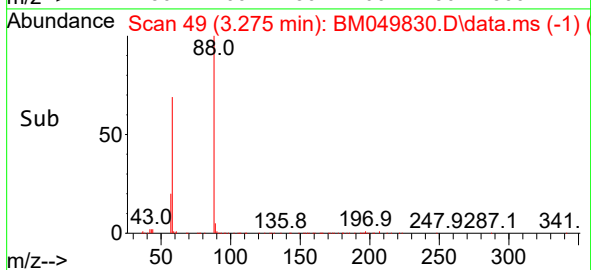
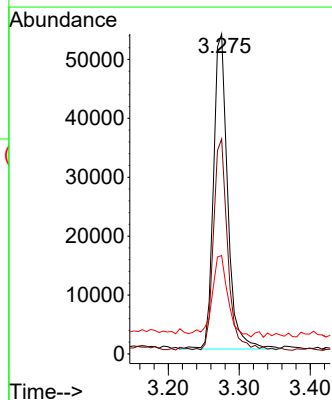
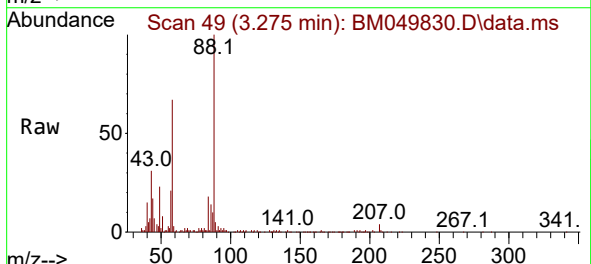
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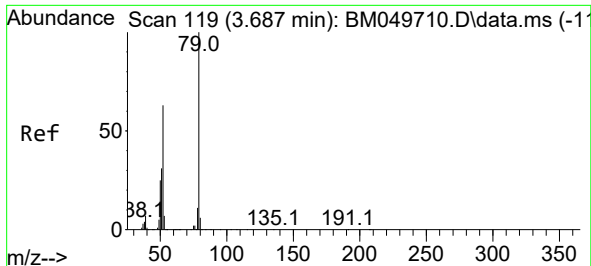
Tgt Ion:152 Resp: 327679
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.8 185.8
 115 53.3 43.0 64.6



#2
 1,4-Dioxane
 Concen: 8.836 ng
 RT: 3.275 min Scan# 49
 Delta R.T. -0.012 min
 Lab File: BM049830.D
 Acq: 04 Apr 2025 19:16

Tgt Ion: 88 Resp: 74285
 Ion Ratio Lower Upper
 88 100
 58 66.5 56.7 85.1
 43 29.1 22.6 34.0

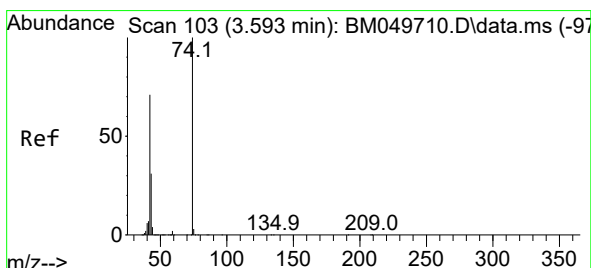
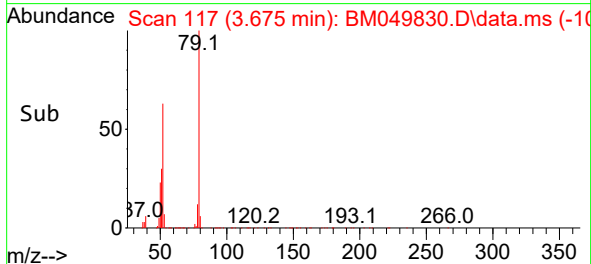
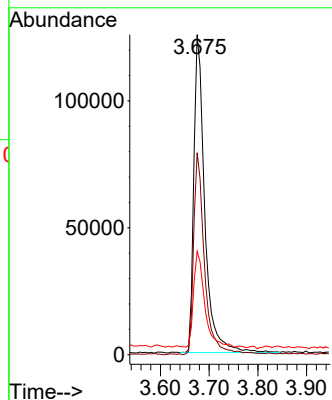
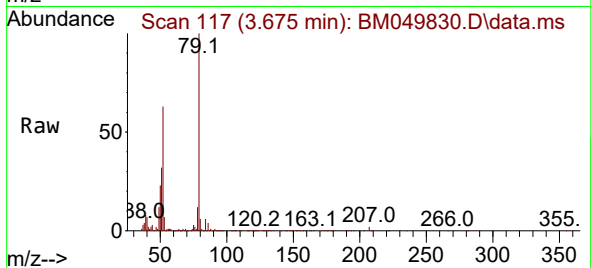




#3
Pyridine
Concen: 9.160 ng
RT: 3.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

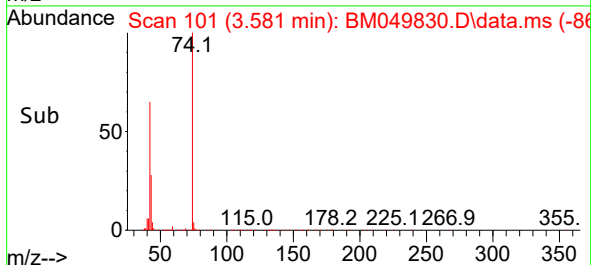
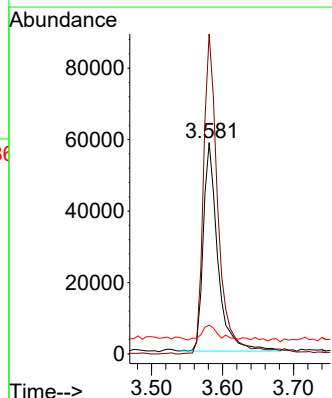
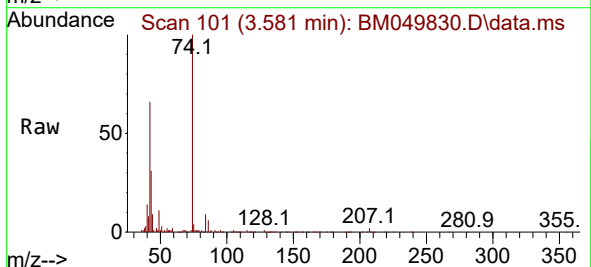
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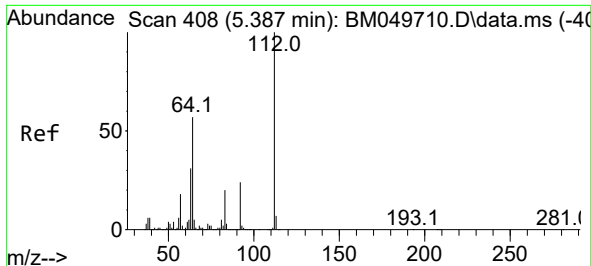
Tgt Ion: 79 Resp: 196673
Ion Ratio Lower Upper
79 100
52 63.1 50.1 75.1
51 32.3 25.2 37.8



#4
n-Nitrosodimethylamine
Concen: 8.770 ng
RT: 3.581 min Scan# 101
Delta R.T. -0.012 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion: 42 Resp: 83312
Ion Ratio Lower Upper
42 100
74 151.4 112.6 168.8
44 13.7 5.0 7.6#

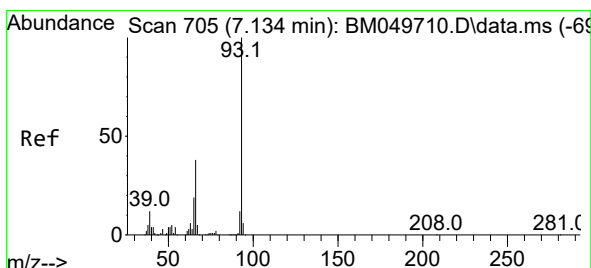
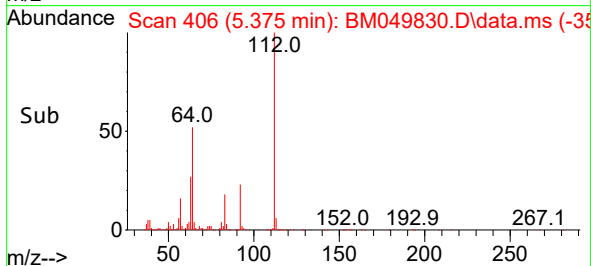
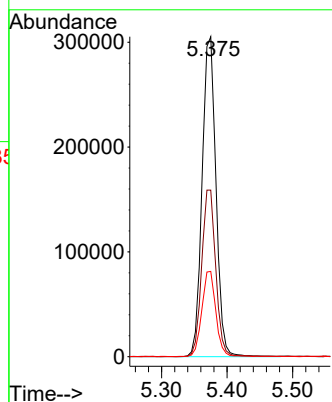
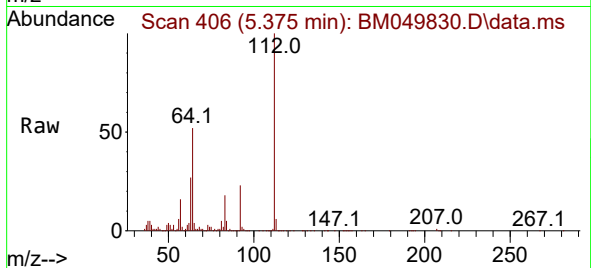




#5
2-Fluorophenol
Concen: 23.173 ng
RT: 5.375 min Scan# 408
Delta R.T. -0.012 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

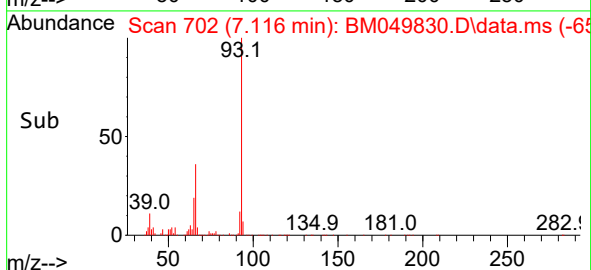
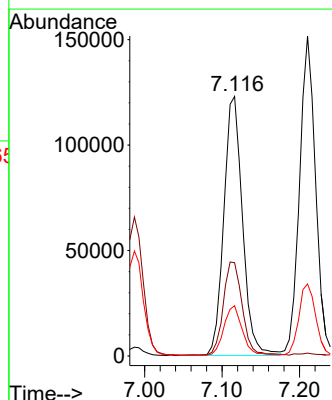
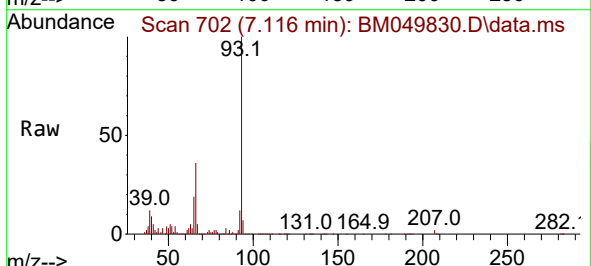
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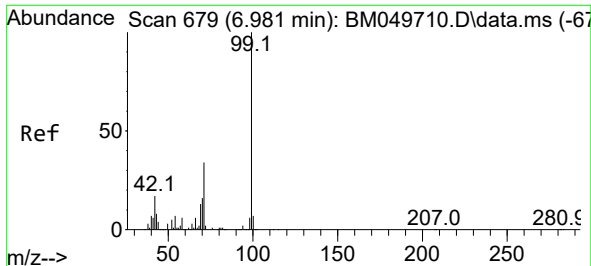
Tgt Ion:112 Resp: 450014
Ion Ratio Lower Upper
112 100
64 52.1 45.3 67.9
63 26.6 24.4 36.6



#6
Aniline
Concen: 10.113 ng
RT: 7.116 min Scan# 702
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion: 93 Resp: 206495
Ion Ratio Lower Upper
93 100
66 35.9 30.6 46.0
65 19.4 15.4 23.2

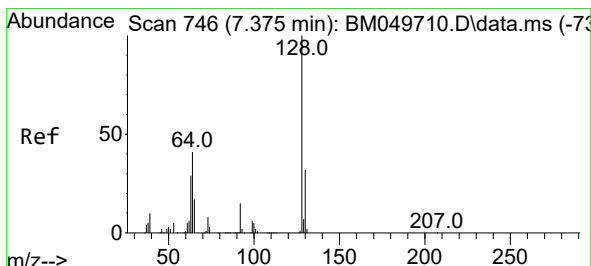
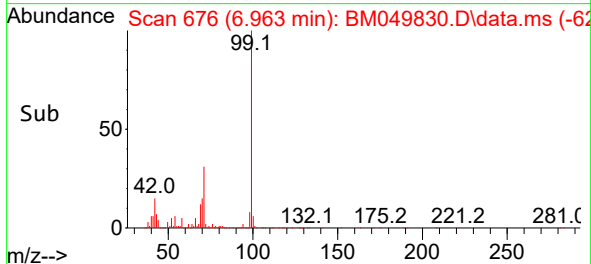
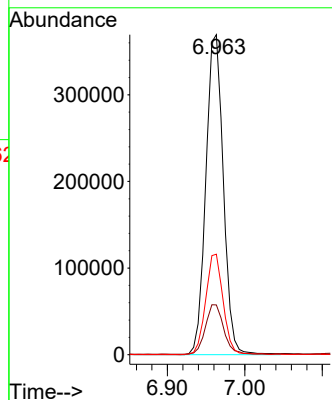
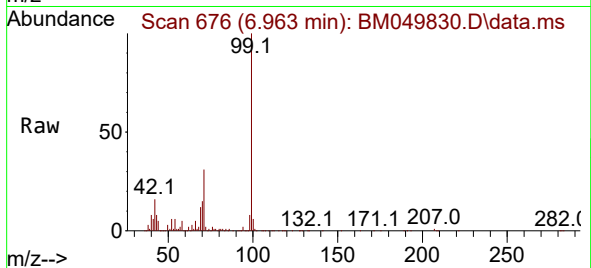




#7
Phenol-d6
Concen: 23.774 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

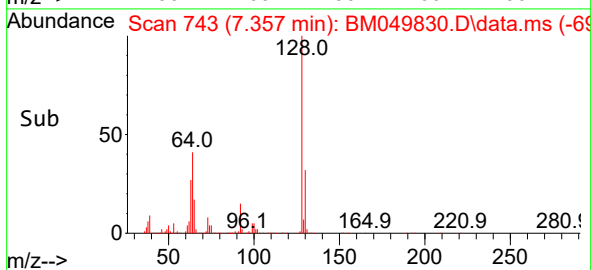
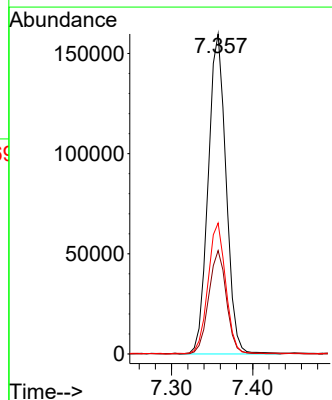
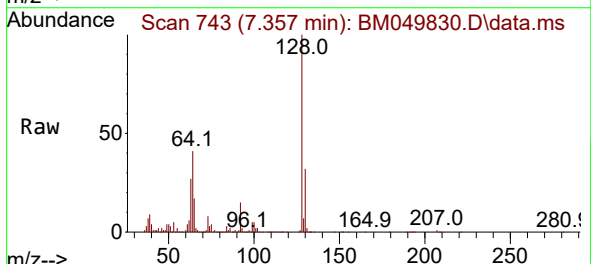
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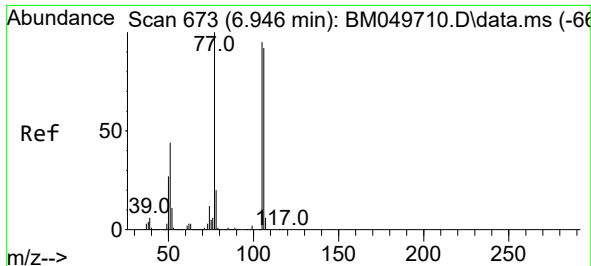
Tgt Ion: 99 Resp: 579392
Ion Ratio Lower Upper
99 100
42 15.6 13.6 20.4
71 31.4 27.0 40.6



#8
2-Chlorophenol
Concen: 12.722 ng
RT: 7.357 min Scan# 743
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion:128 Resp: 244652
Ion Ratio Lower Upper
128 100
130 32.3 12.5 52.5
64 40.9 24.9 64.9

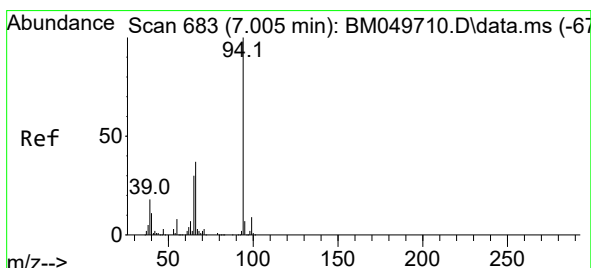
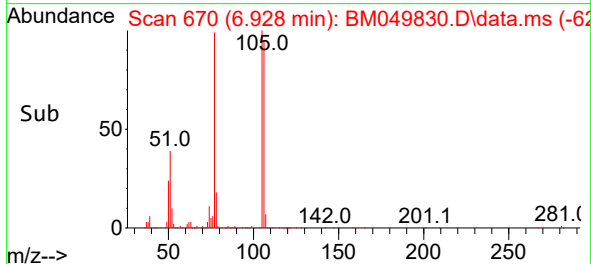
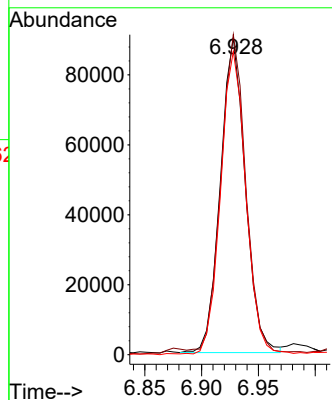
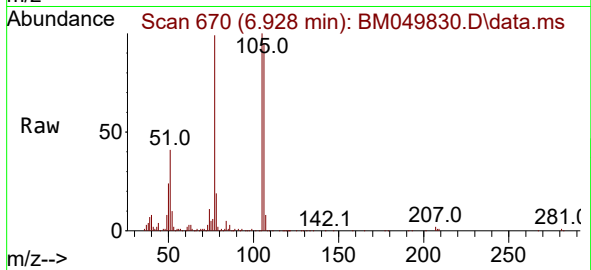




#9
Benzaldehyde
Concen: 11.398 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049830.D
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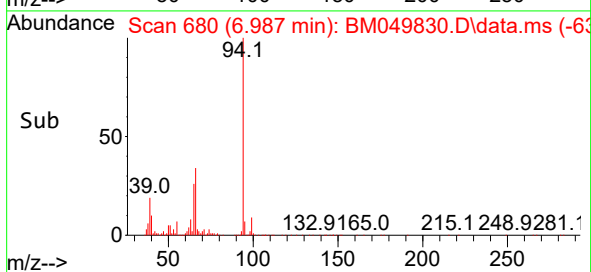
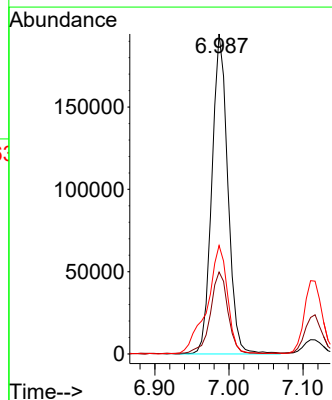
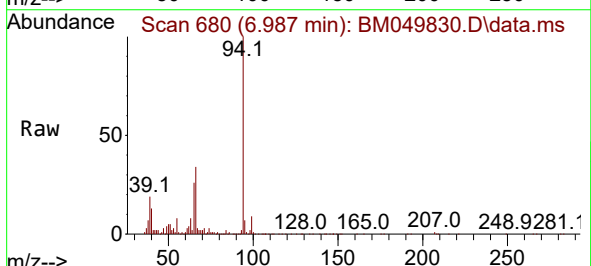
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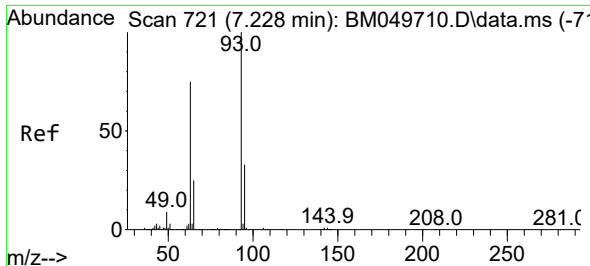
Tgt Ion: 77 Resp: 137323
Ion Ratio Lower Upper
77 100
105 101.0 75.0 115.0
106 95.7 72.3 112.3



#10
Phenol
Concen: 12.300 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.018 min
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Tgt Ion: 94 Resp: 290657
Ion Ratio Lower Upper
94 100
65 25.6 10.4 50.4
66 33.9 17.1 57.1

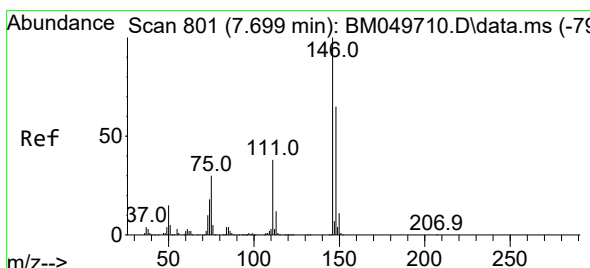
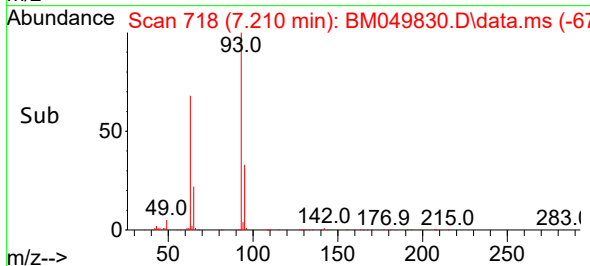
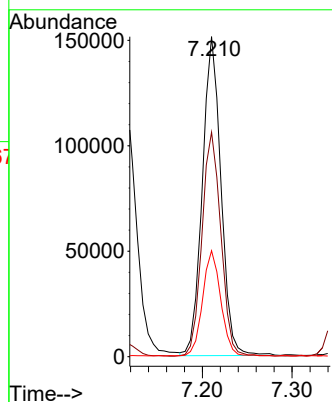
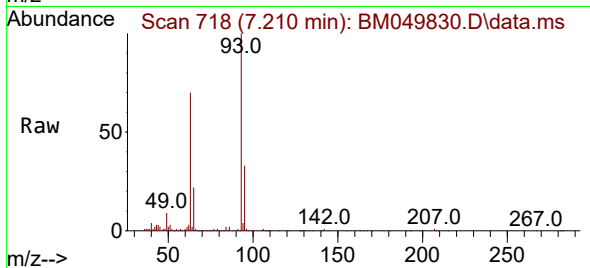




#11
bis(2-Chloroethyl)ether
Concen: 11.408 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

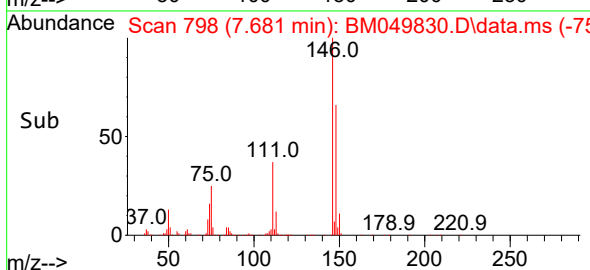
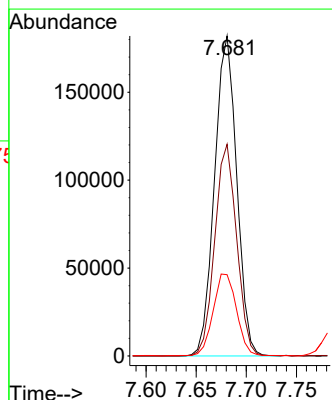
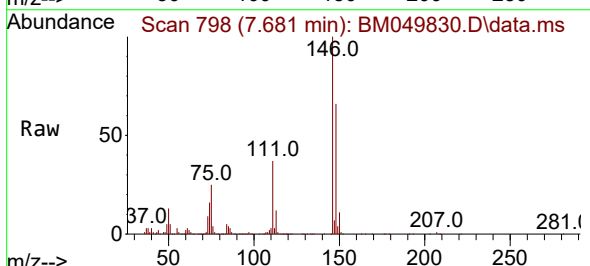
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

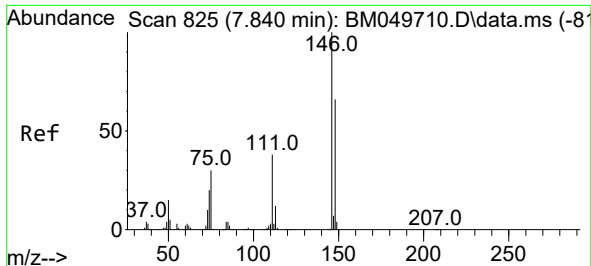
Tgt Ion: 93 Resp: 218301
Ion Ratio Lower Upper
93 100
63 70.1 54.8 94.8
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 11.946 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion: 146 Resp: 279187
Ion Ratio Lower Upper
146 100
148 66.2 52.3 78.5
75 25.4 24.2 36.2

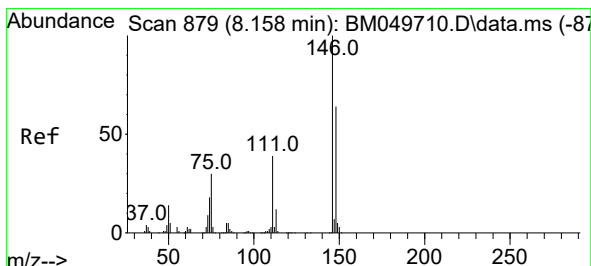
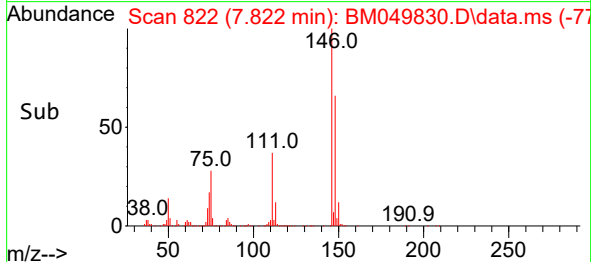
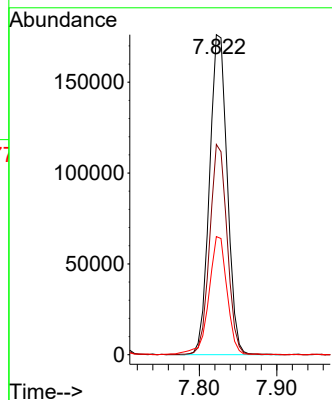
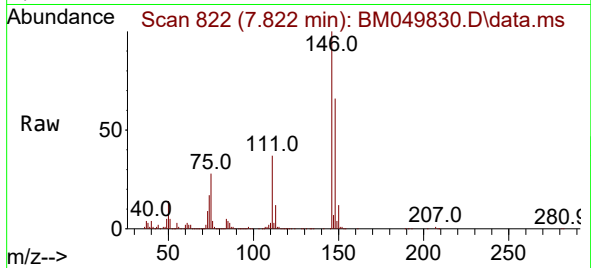




#13
1,4-Dichlorobenzene
Concen: 11.888 ng
RT: 7.822 min Scan# 811
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

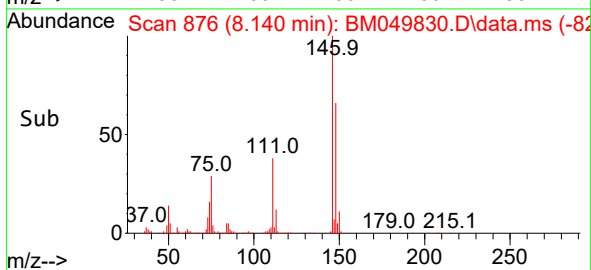
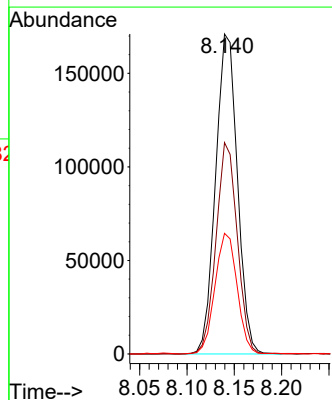
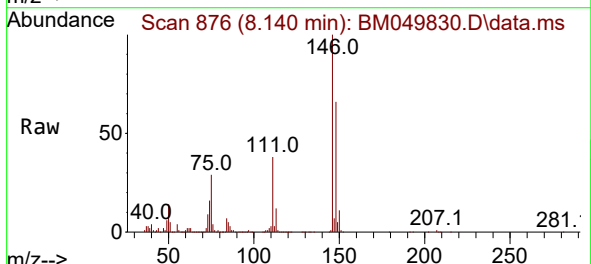
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

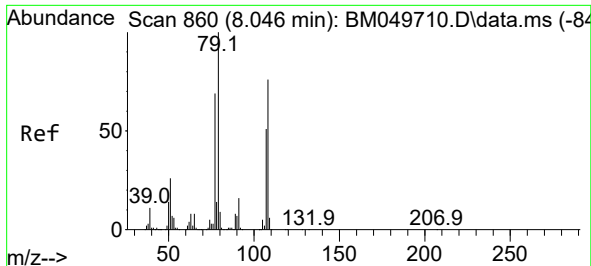
Tgt Ion:146 Resp: 280287
Ion Ratio Lower Upper
146 100
148 65.7 52.6 79.0
111 36.9 30.8 46.2



#14
1,2-Dichlorobenzene
Concen: 12.257 ng
RT: 8.140 min Scan# 876
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion:146 Resp: 274655
Ion Ratio Lower Upper
146 100
148 66.1 50.9 76.3
111 37.7 31.0 46.6

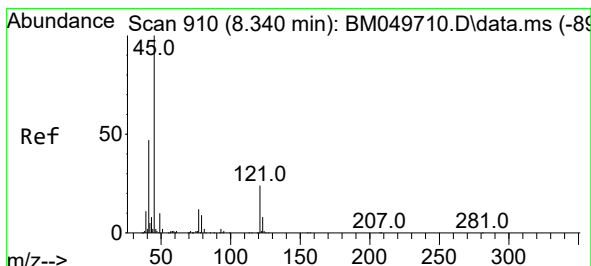
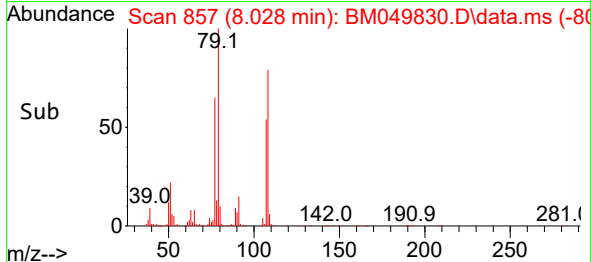
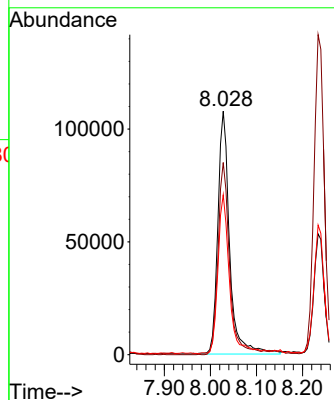
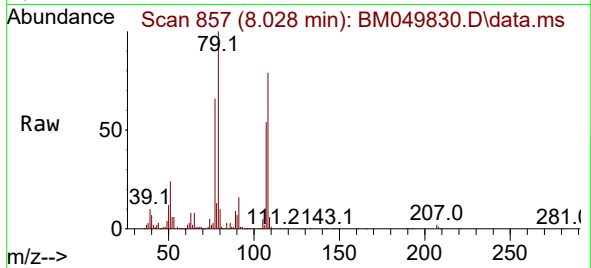




#15
Benzyl Alcohol
Concen: 12.503 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

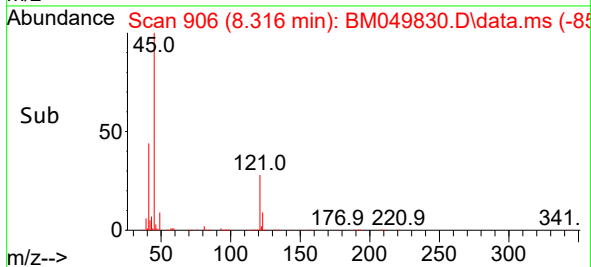
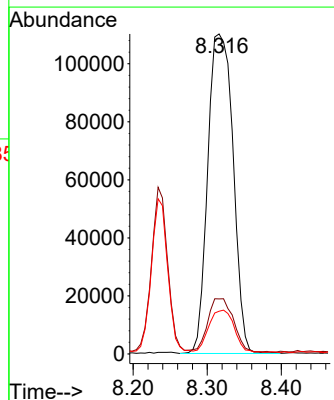
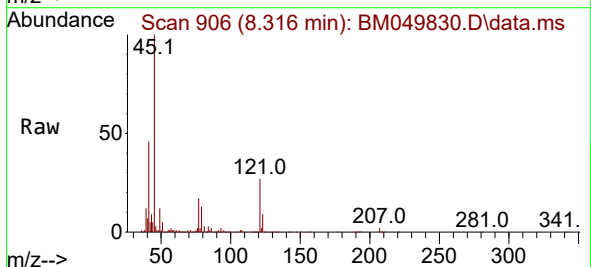
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

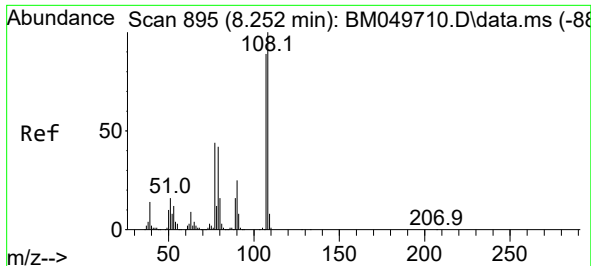
Tgt Ion: 79 Resp: 191226
Ion Ratio Lower Upper
79 100
108 78.9 60.7 91.1
77 65.6 55.4 83.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.609 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.024 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion: 45 Resp: 261095
Ion Ratio Lower Upper
45 100
77 17.2 0.0 36.1
79 13.4 0.0 32.8



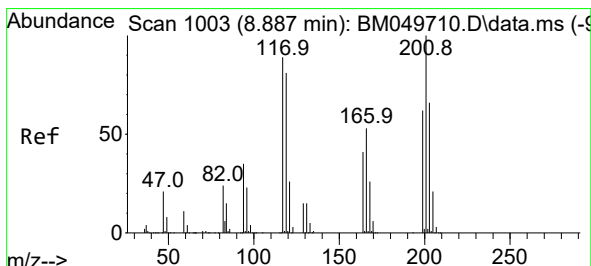
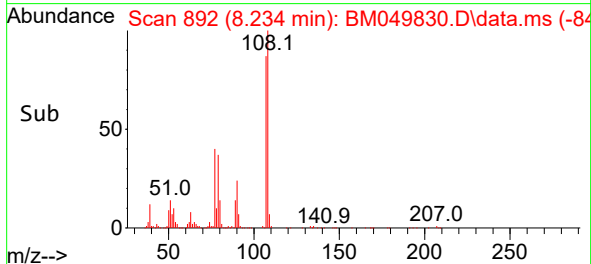
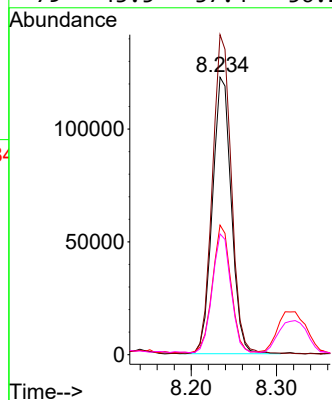
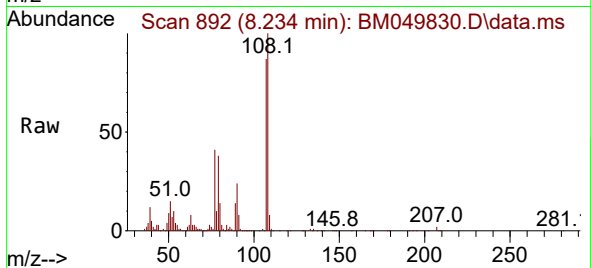


#17
2-Methylphenol
Concen: 13.452 ng
RT: 8.234 min Scan# 895
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

Tgt Ion:107 Resp: 188728

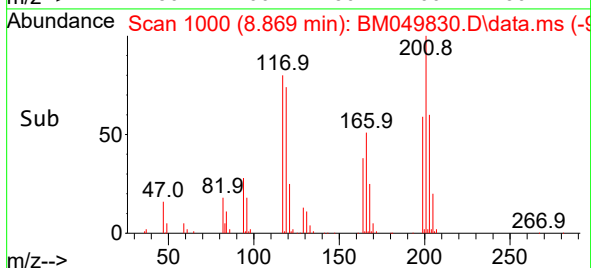
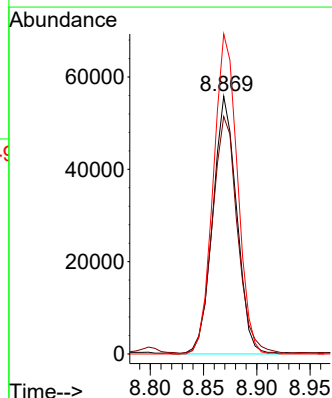
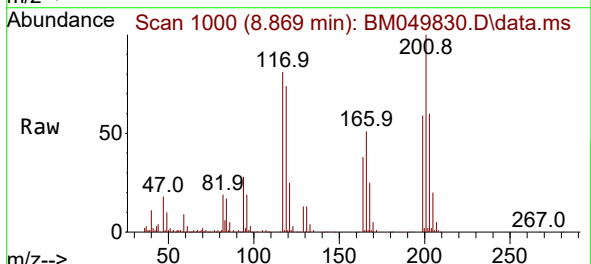
Ion	Ratio	Lower	Upper
107	100		
108	115.4	89.6	134.4
77	46.7	39.8	59.6
79	43.5	37.4	56.2

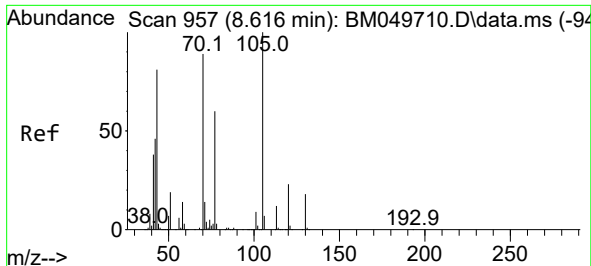


#18
Hexachloroethane
Concen: 10.458 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion:117 Resp: 87077

Ion	Ratio	Lower	Upper
117	100		
119	92.1	73.1	109.7
201	124.2	90.0	135.0



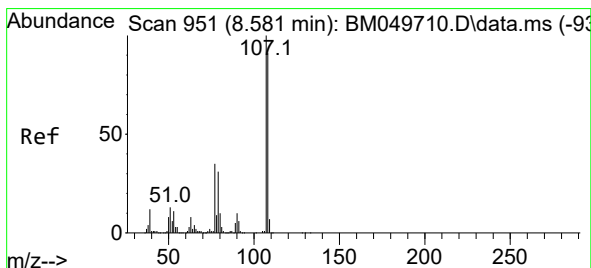
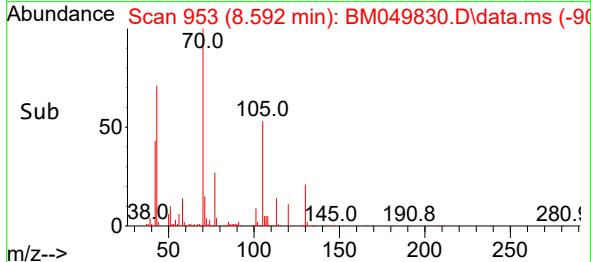
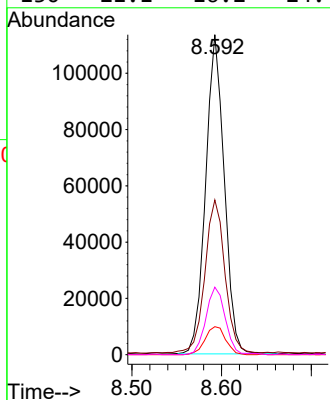
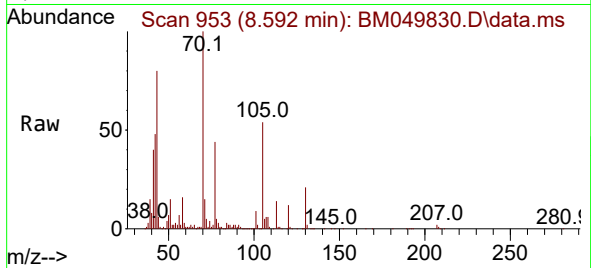


#19
n-Nitroso-di-n-propylamine
Concen: 11.566 ng
RT: 8.592 min Scan# 911
Delta R.T. -0.024 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

Tgt Ion: 70 Resp: 163452

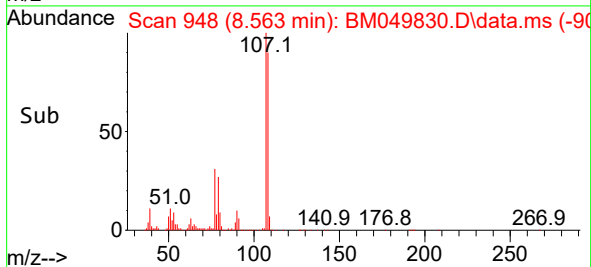
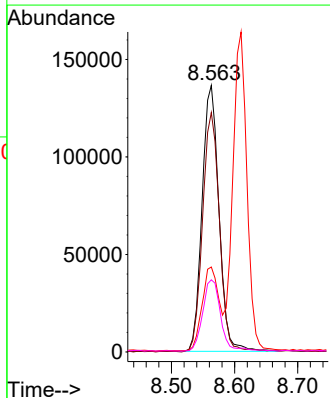
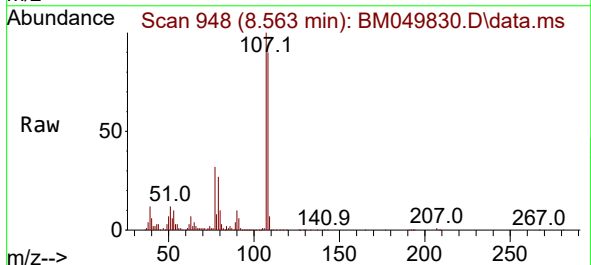
Ion	Ratio	Lower	Upper
70	100		
42	48.4	41.8	62.6
101	8.7	7.7	11.5
130	21.1	16.2	24.4

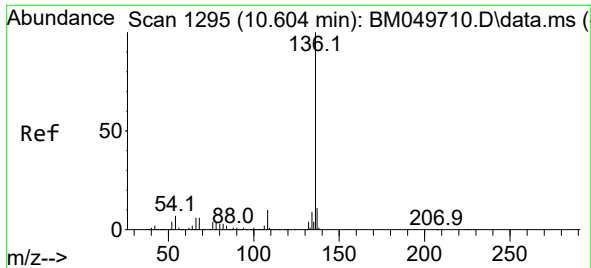


#20
3+4-Methylphenols
Concen: 13.442 ng
RT: 8.563 min Scan# 948
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion: 107 Resp: 252726

Ion	Ratio	Lower	Upper
107	100		
108	89.8	71.0	111.0
77	31.9	15.1	55.1
79	27.1	11.2	51.2

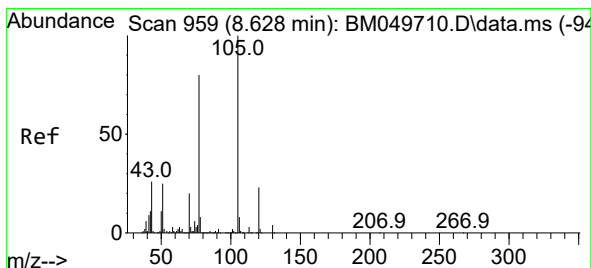
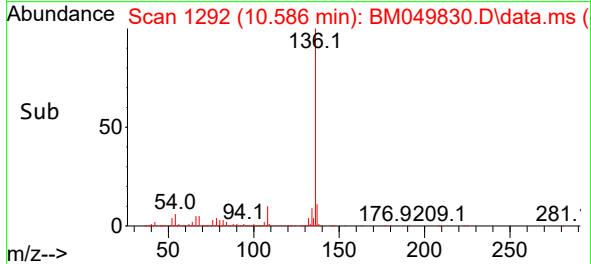
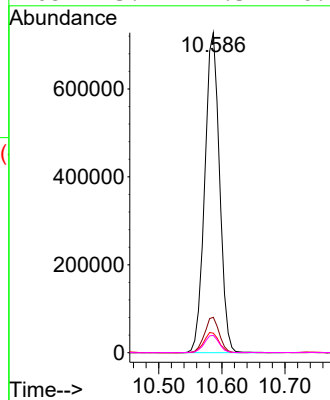
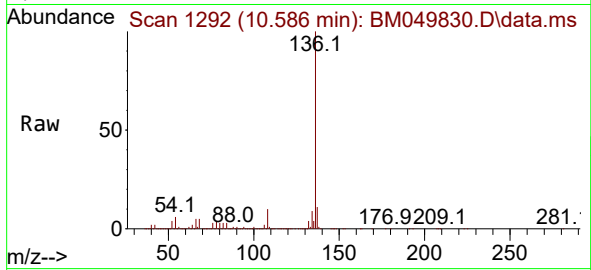




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

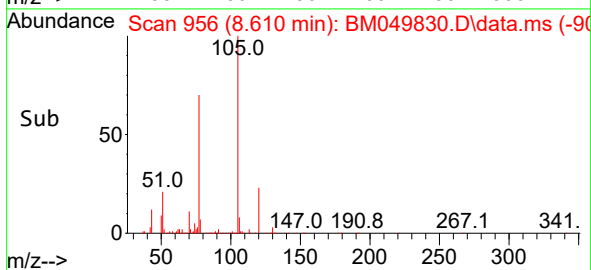
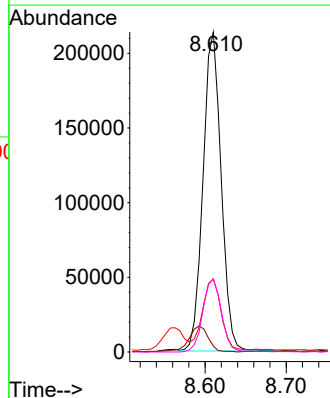
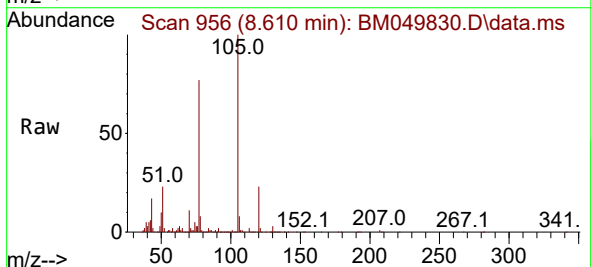
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

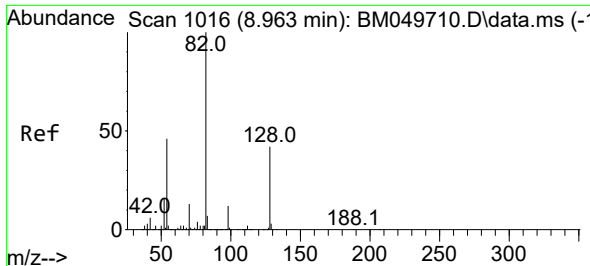
Tgt Ion:136 Resp: 1182965
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.1 5.8 8.8
68 5.4 4.5 6.7



#22
Acetophenone
Concen: 10.826 ng
RT: 8.610 min Scan# 956
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion:105 Resp: 330207
Ion Ratio Lower Upper
105 100
71 1.8 2.5 3.7#
51 22.9 19.9 29.9
120 22.9 18.3 27.5

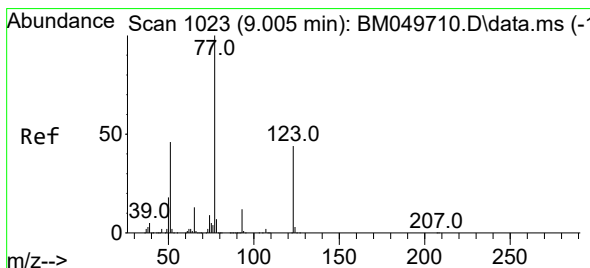
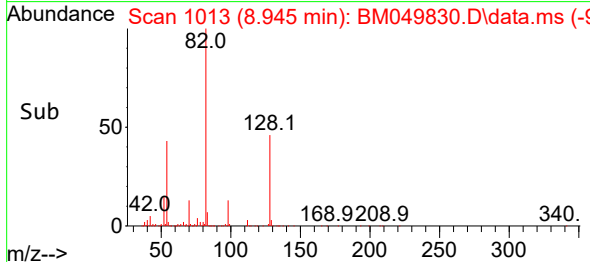
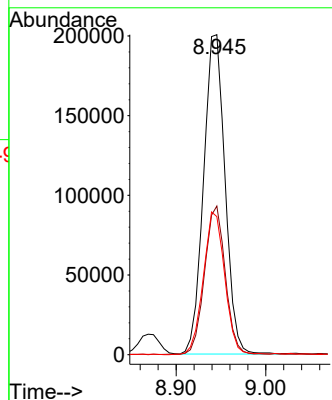
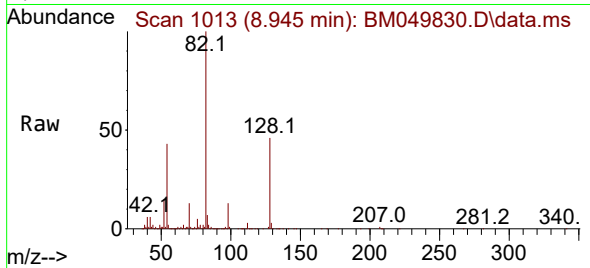




#23
Nitrobenzene-d5
Concen: 14.478 ng
RT: 8.945 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

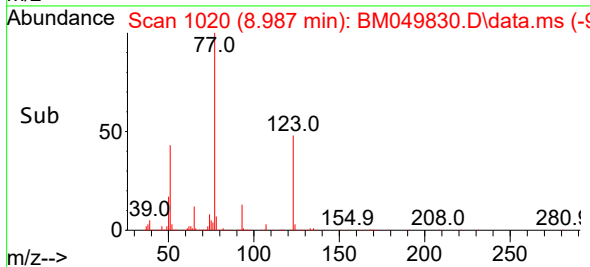
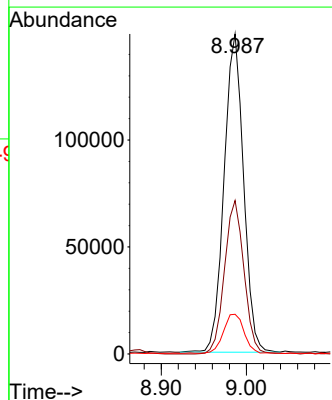
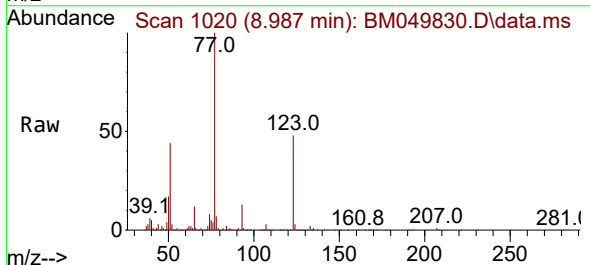
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

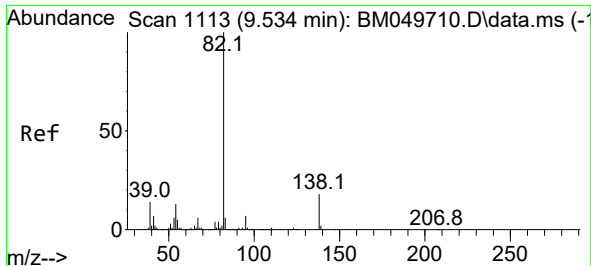
Tgt Ion: 82 Resp: 333595
Ion Ratio Lower Upper
82 100
128 46.5 33.4 50.0
54 43.2 36.4 54.6



#24
Nitrobenzene
Concen: 10.849 ng
RT: 8.987 min Scan# 1020
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion: 77 Resp: 235704
Ion Ratio Lower Upper
77 100
123 48.0 34.9 52.3
65 12.4 10.6 15.8

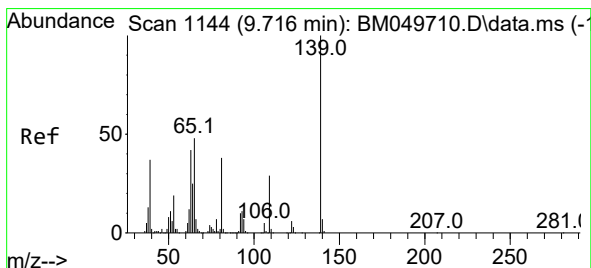
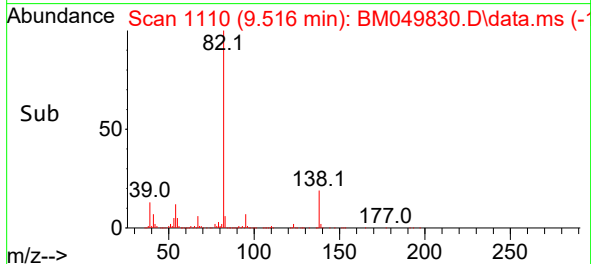
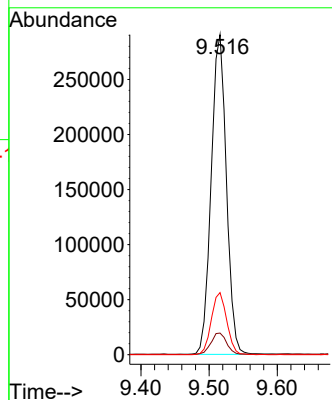
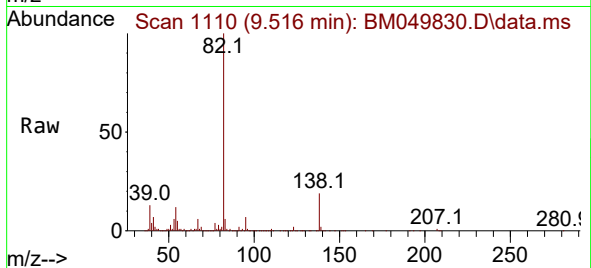




#25
Isophorone
Concen: 12.755 ng
RT: 9.516 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

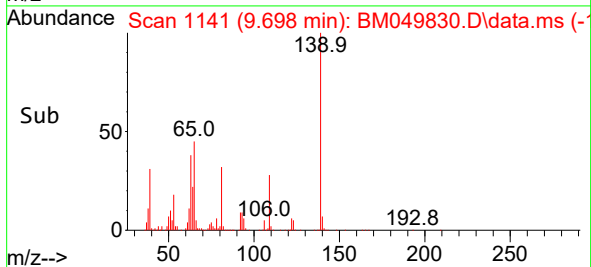
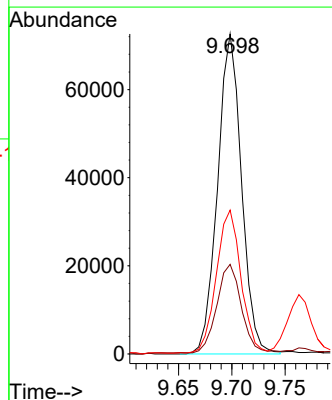
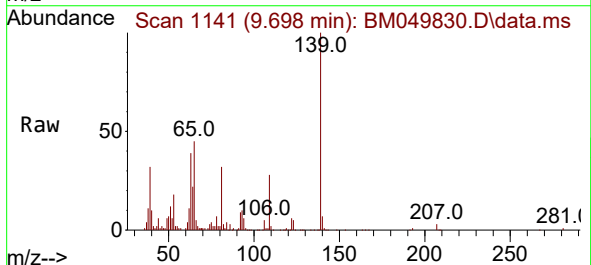
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

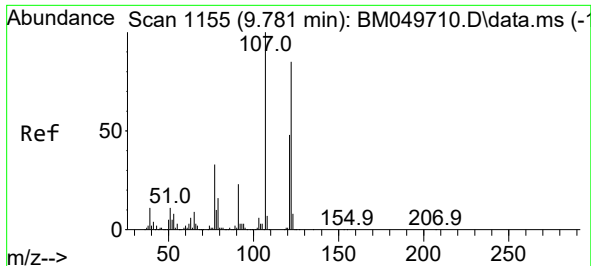
Tgt Ion: 82 Resp: 451217
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 19.4 14.4 21.6



#26
2-Nitrophenol
Concen: 12.256 ng
RT: 9.698 min Scan# 1141
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

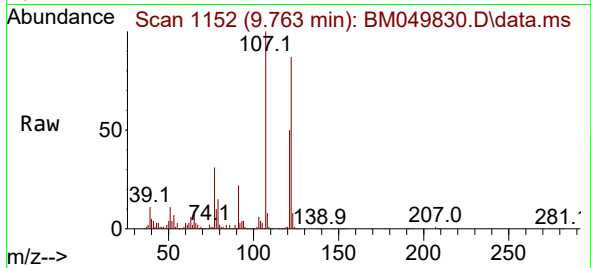
Tgt Ion: 139 Resp: 113328
Ion Ratio Lower Upper
139 100
109 28.0 23.3 34.9
65 45.0 38.6 58.0



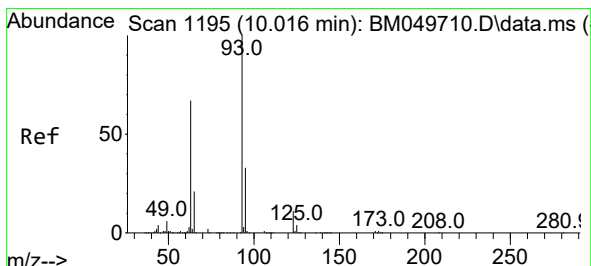
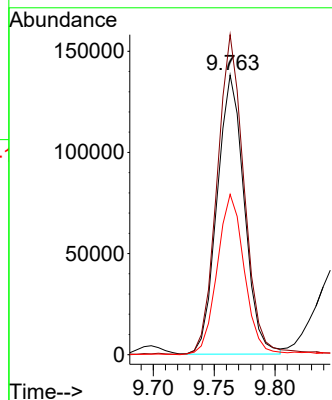
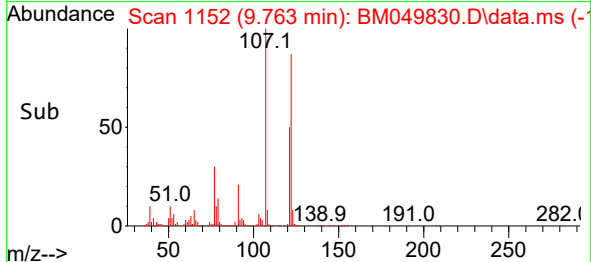


#27
2,4-Dimethylphenol
Concen: 18.194 ng
RT: 9.763 min Scan# 1152
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

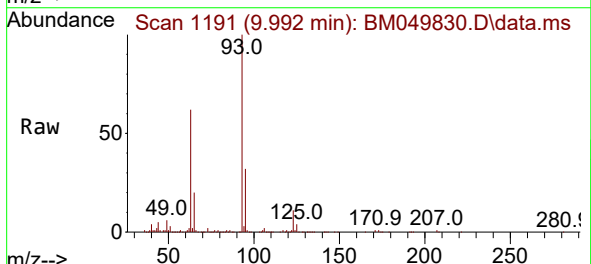
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD



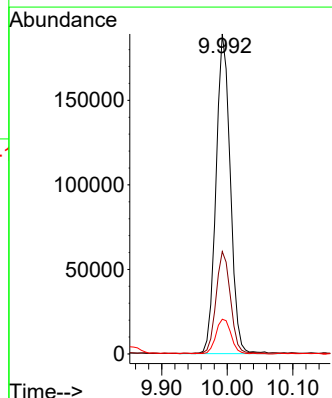
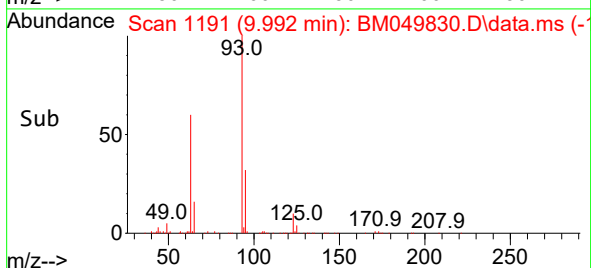
Tgt Ion:122 Resp: 214146
Ion Ratio Lower Upper
122 100
107 114.4 94.3 141.5
121 57.3 45.4 68.2

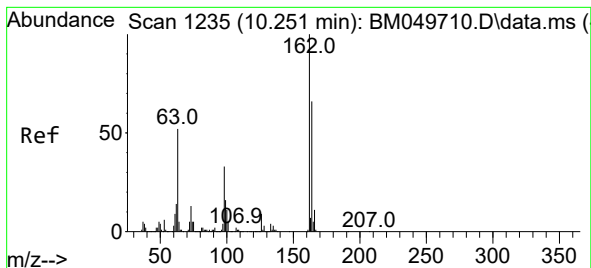


#28
bis(2-Chloroethoxy)methane
Concen: 11.458 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.024 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16



Tgt Ion: 93 Resp: 285481
Ion Ratio Lower Upper
93 100
95 32.0 26.6 40.0
123 10.9 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 13.081 ng

RT: 10.234 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

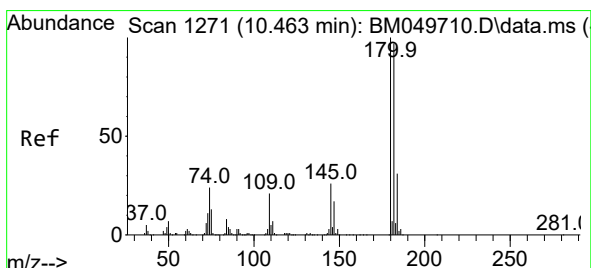
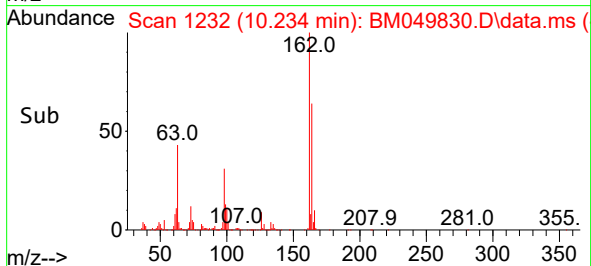
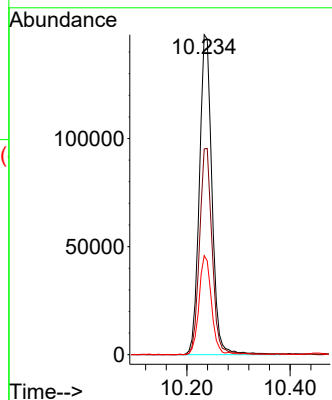
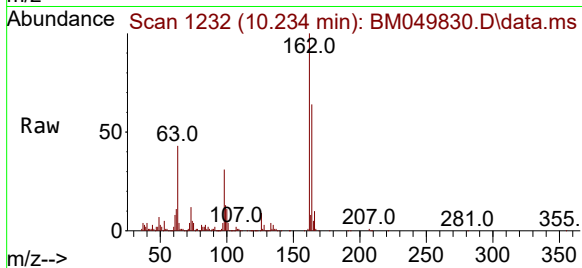
Tgt Ion:162 Resp: 250881

Ion Ratio Lower Upper

162 100

164 64.3 46.3 86.3

98 30.9 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 11.920 ng

RT: 10.451 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

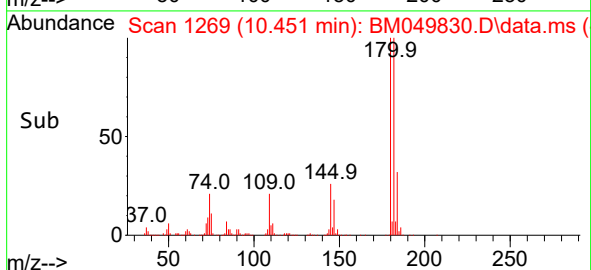
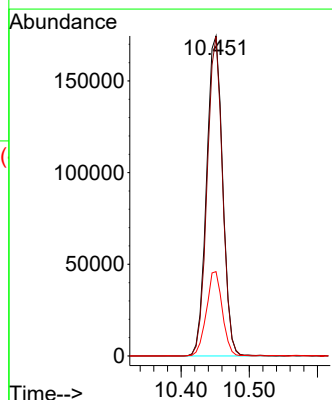
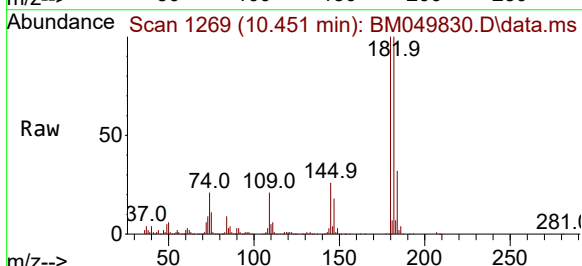
Tgt Ion:180 Resp: 286044

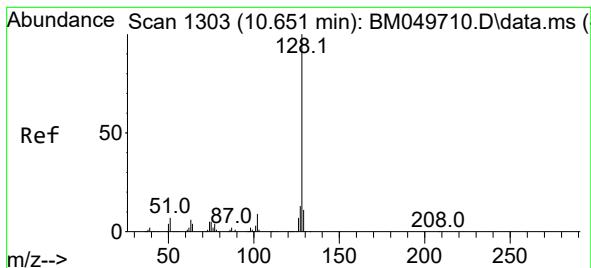
Ion Ratio Lower Upper

180 100

182 99.8 77.7 116.5

145 26.4 21.0 31.4

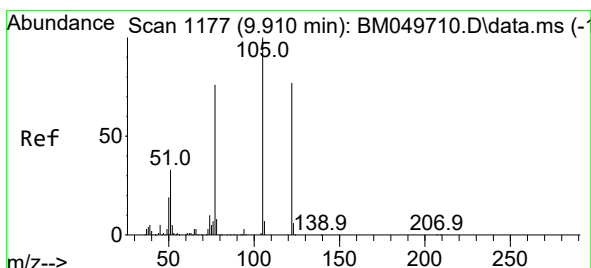
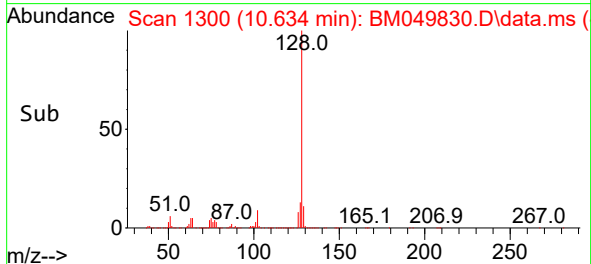
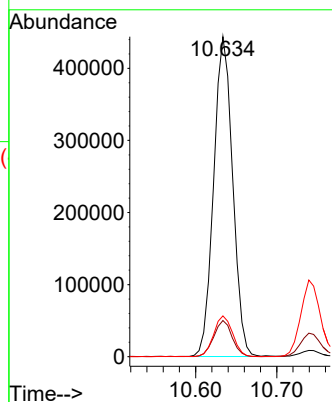
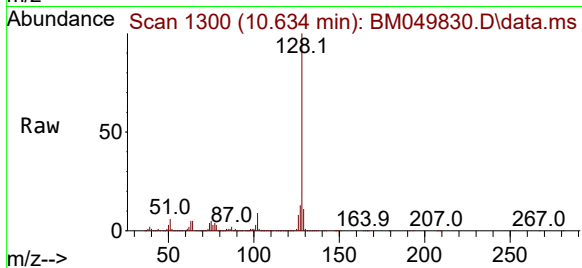




#31
Naphthalene
Concen: 11.875 ng
RT: 10.634 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

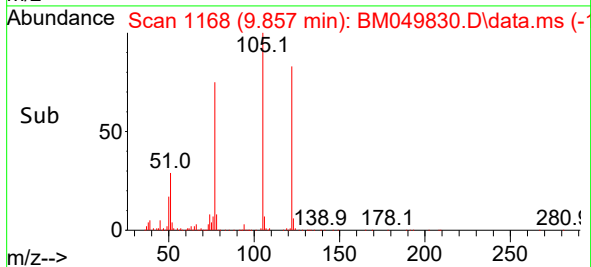
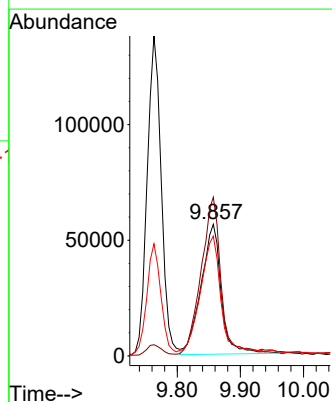
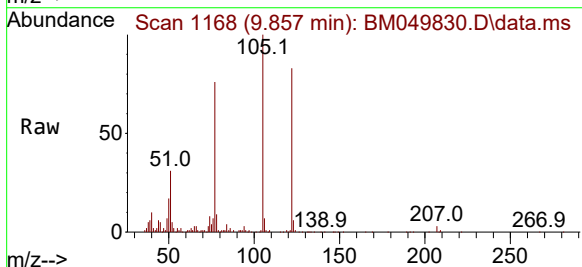
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

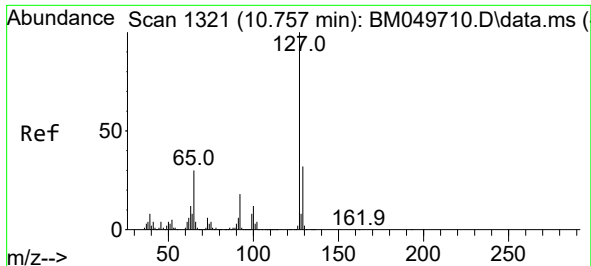
Tgt Ion:128 Resp: 722337
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 12.465 ng
RT: 9.857 min Scan# 1168
Delta R.T. -0.053 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion:122 Resp: 124778
Ion Ratio Lower Upper
122 100
105 120.6 105.6 145.6
77 91.1 76.9 116.9

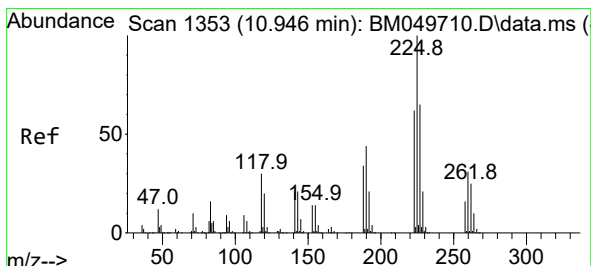
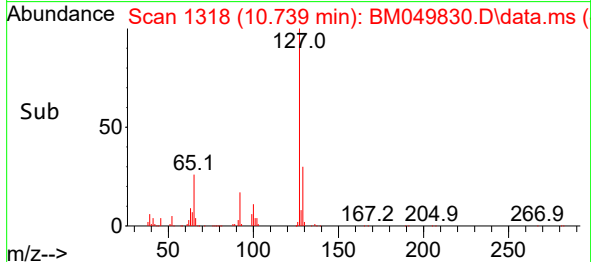
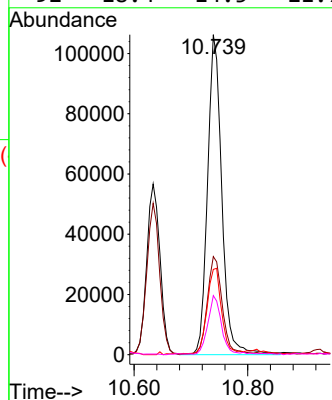
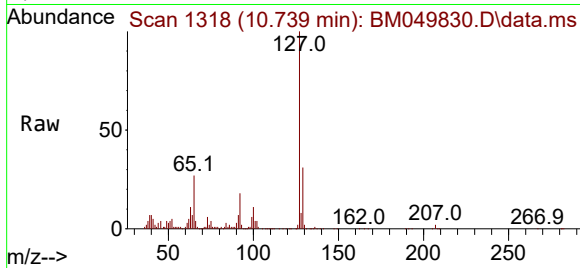




#33
4-Chloroaniline
Concen: 8.925 ng
RT: 10.739 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

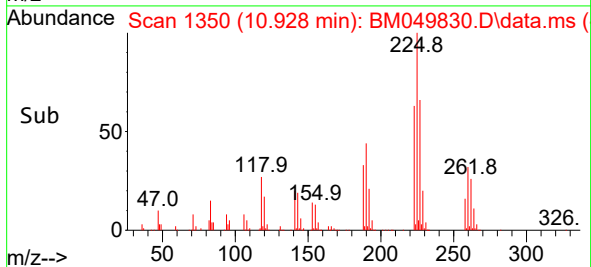
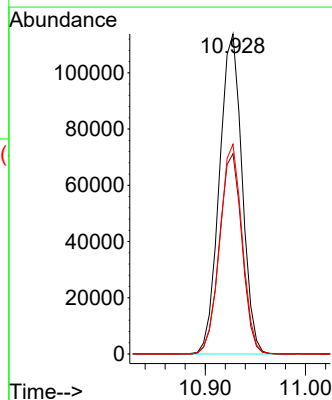
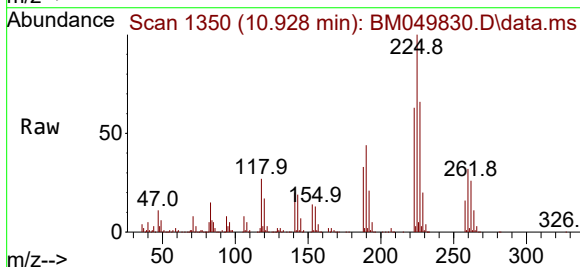
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

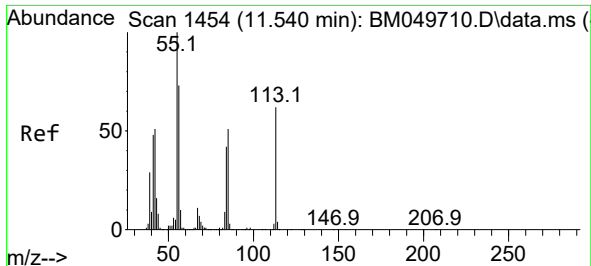
Tgt Ion:127	Resp: 185272
Ion Ratio	Lower Upper
127 100	
129 30.7	25.7 38.5
65 26.7	24.1 36.1
92 18.4	14.5 21.7



#34
Hexachlorobutadiene
Concen: 12.032 ng
RT: 10.928 min Scan# 1350
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion:225	Resp: 178241
Ion Ratio	Lower Upper
225 100	
223 62.6	49.8 74.8
227 65.5	52.1 78.1

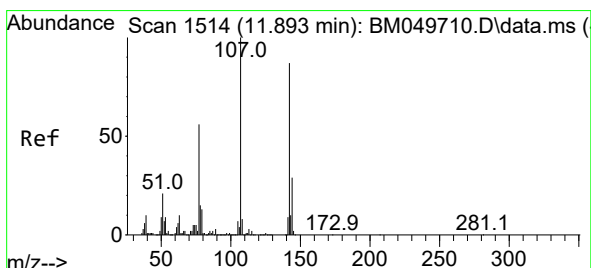
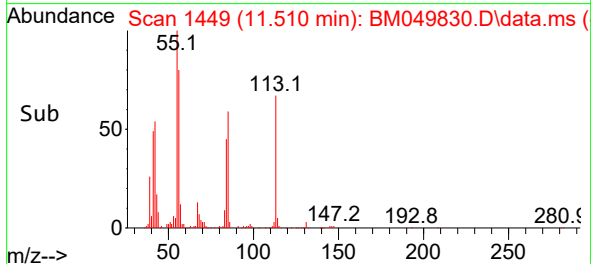
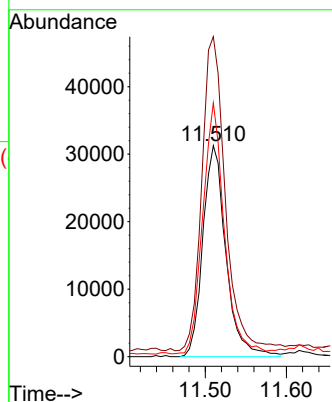
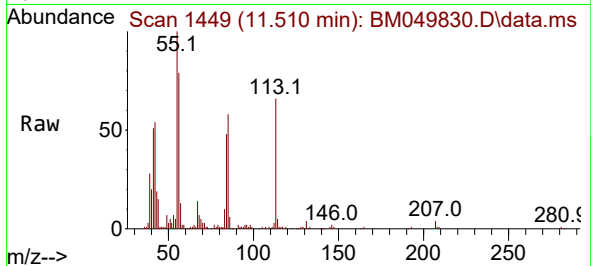




#35
Caprolactam
Concen: 13.849 ng
RT: 11.510 min Scan# 1454
Delta R.T. -0.030 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

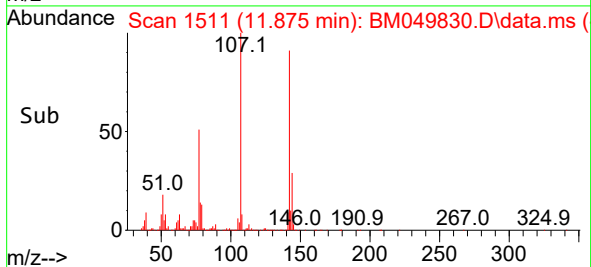
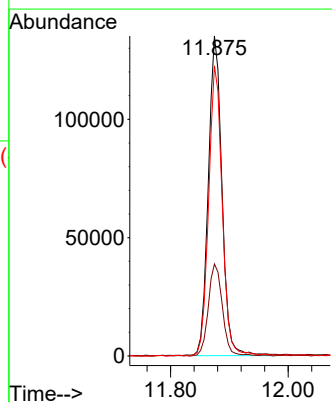
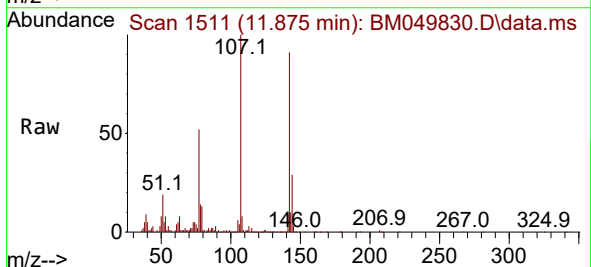
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

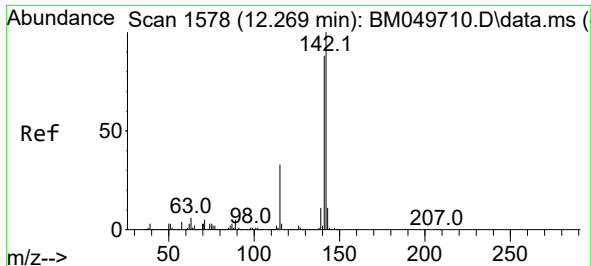
Tgt Ion:113 Resp: 61670
Ion Ratio Lower Upper
113 100
55 151.7 141.8 181.8
56 120.3 98.0 138.0



#36
4-Chloro-3-methylphenol
Concen: 13.197 ng
RT: 11.875 min Scan# 1511
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion:107 Resp: 217222
Ion Ratio Lower Upper
107 100
144 28.8 23.0 34.6
142 90.6 69.8 104.8

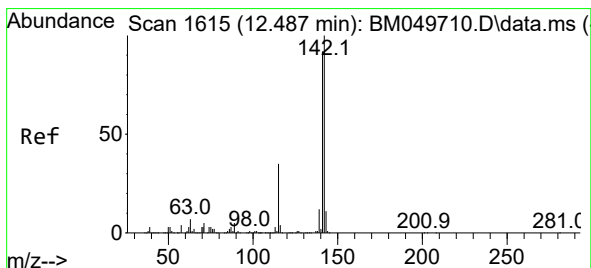
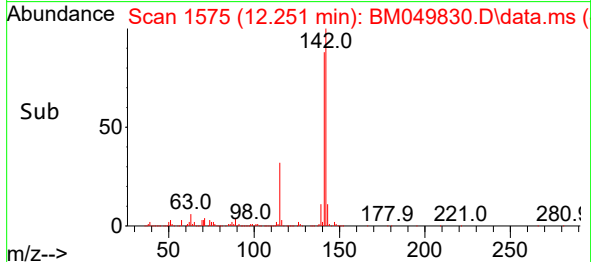
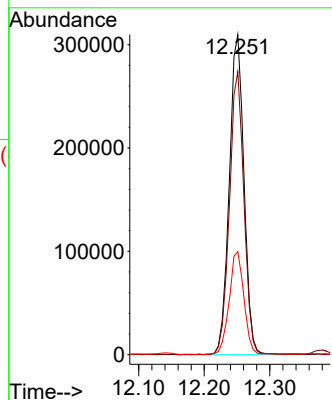
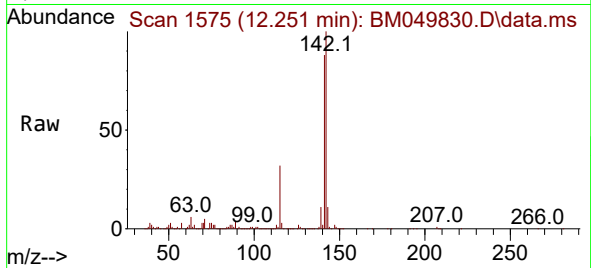




#37
2-Methylnaphthalene
Concen: 11.337 ng
RT: 12.251 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

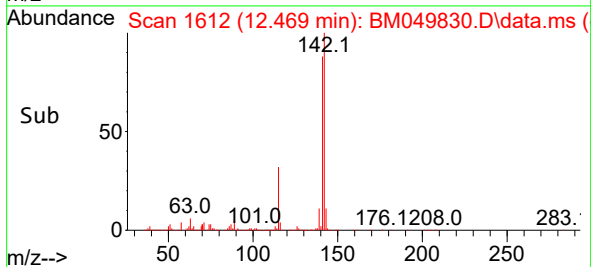
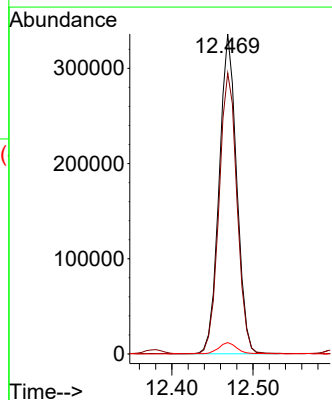
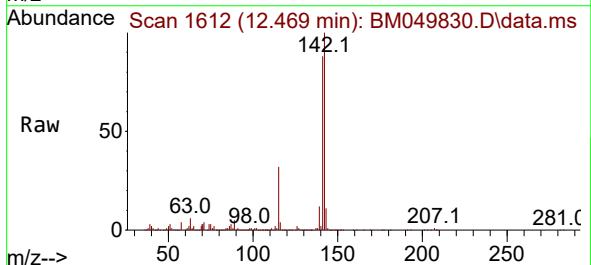
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

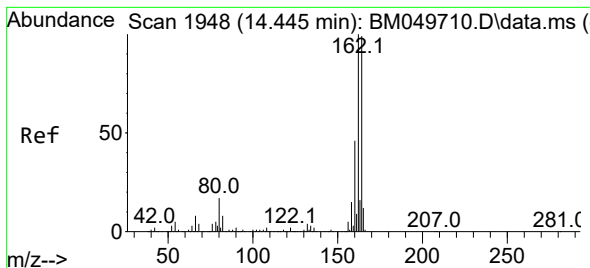
Tgt Ion:142 Resp: 482212
Ion Ratio Lower Upper
142 100
141 88.4 70.5 105.7
115 32.2 26.5 39.7



#38
1-Methylnaphthalene
Concen: 12.269 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion:142 Resp: 503495
Ion Ratio Lower Upper
142 100
141 87.8 73.4 110.2
116 3.6 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: BM049830.D

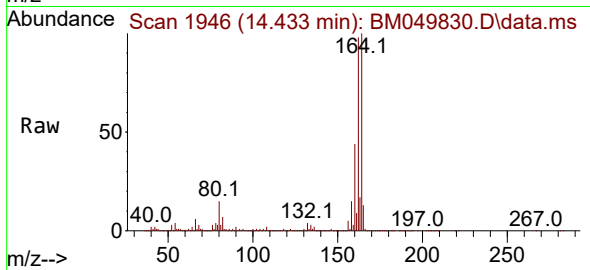
Acq: 04 Apr 2025 19:16

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD



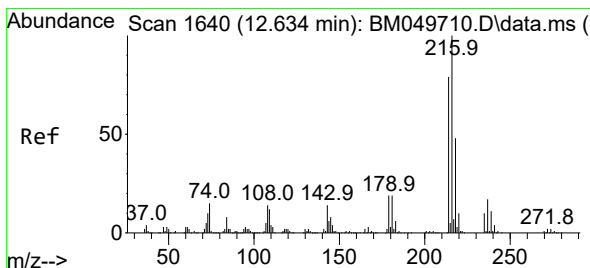
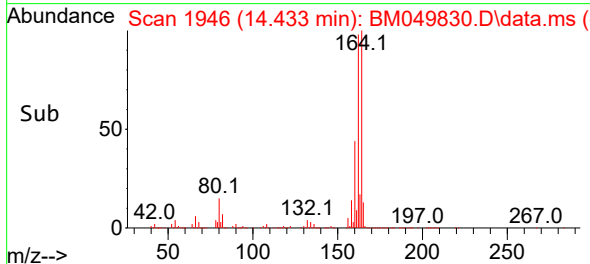
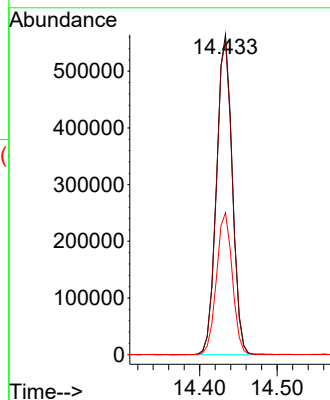
Tgt Ion:164 Resp: 794263

Ion Ratio Lower Upper

164 100

162 98.1 80.5 120.7

160 44.3 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.961 ng

RT: 12.622 min Scan# 1638

Delta R.T. -0.012 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

Tgt Ion:216 Resp: 319796

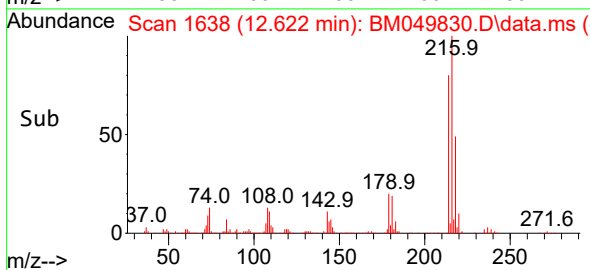
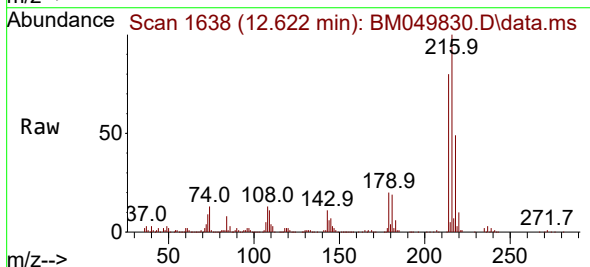
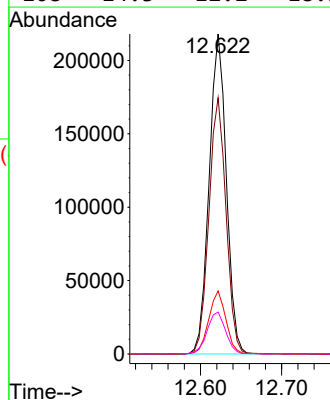
Ion Ratio Lower Upper

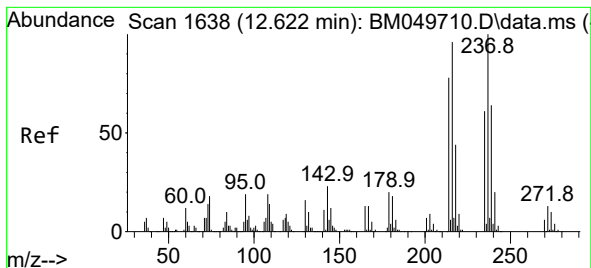
216 100

214 79.8 63.5 95.3

179 19.8 15.7 23.5

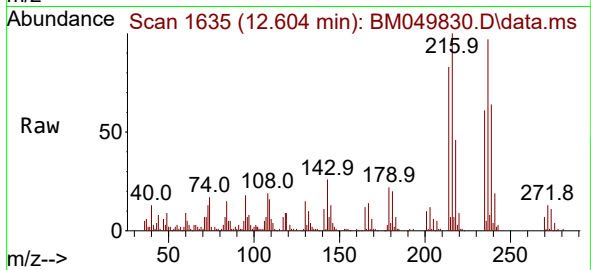
108 14.3 12.2 18.2



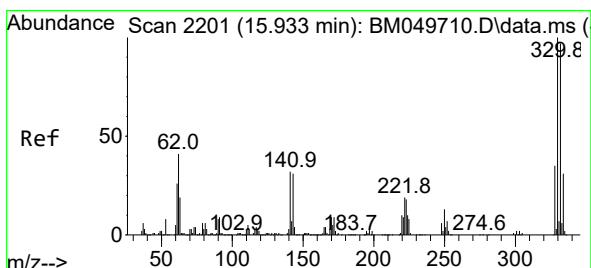
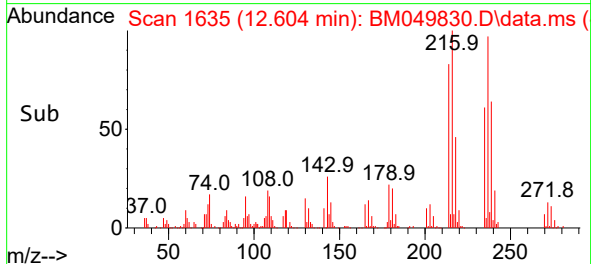
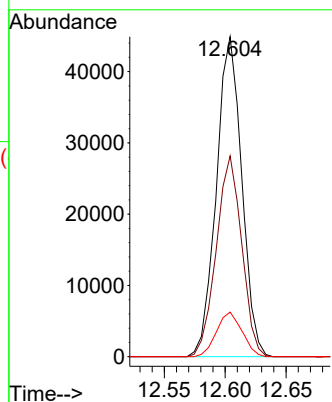


#41
Hexachlorocyclopentadiene
Concen: 6.026 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

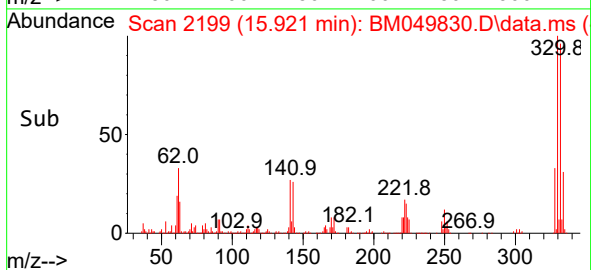
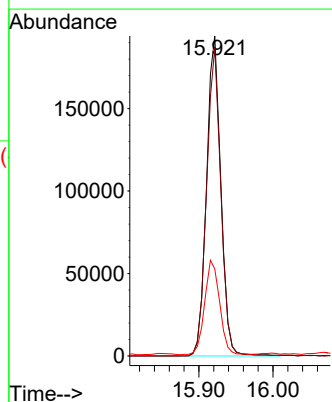
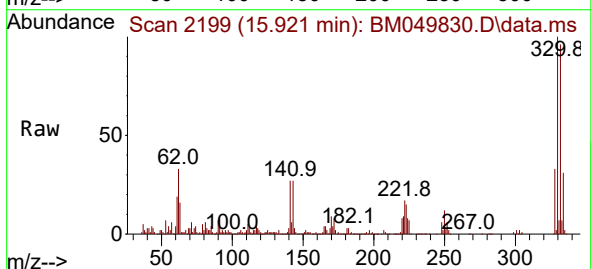


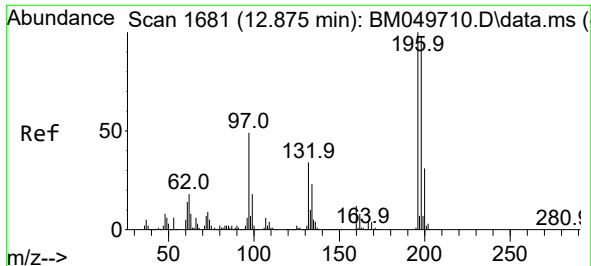
Tgt Ion:237 Resp: 65136
Ion Ratio Lower Upper
237 100
235 62.8 41.1 81.1
272 13.9 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 28.027 ng
RT: 15.921 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion:330 Resp: 259935
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 30.9 27.8 41.6

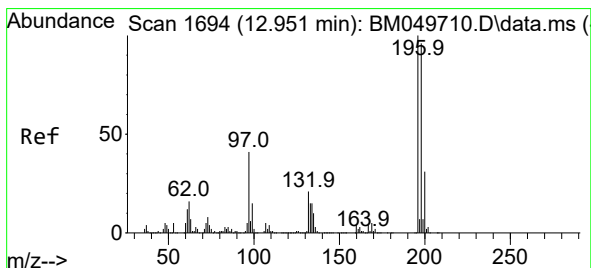
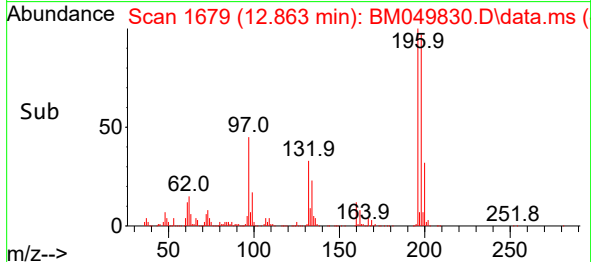
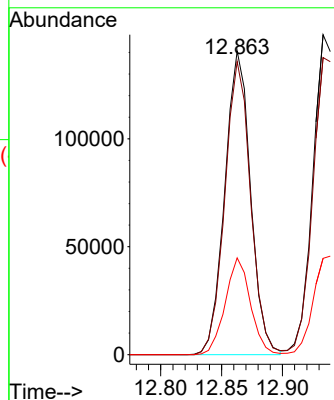
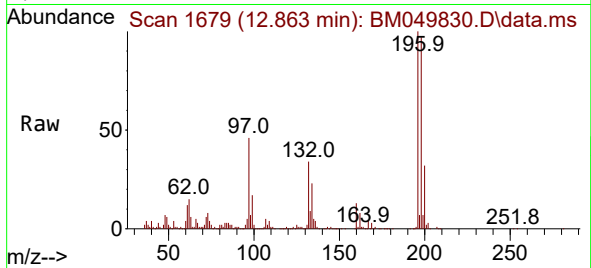




#43
2,4,6-Trichlorophenol
Concen: 12.684 ng
RT: 12.863 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

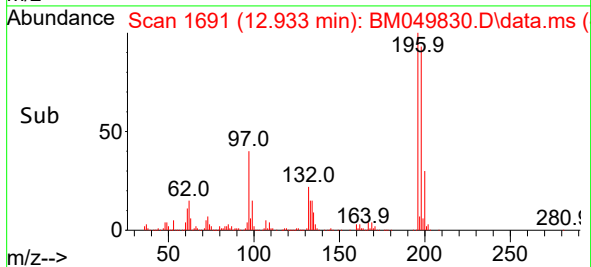
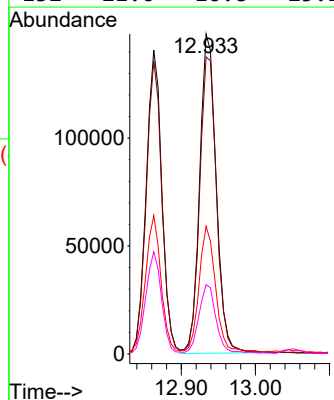
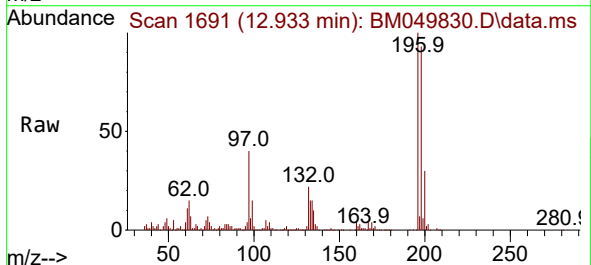
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

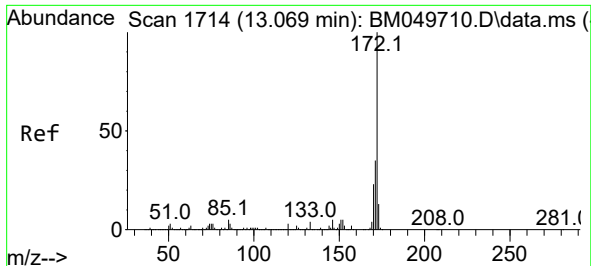
Tgt Ion:196 Resp: 207254
Ion Ratio Lower Upper
196 100
198 96.5 78.3 117.5
200 31.9 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 12.861 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion:196 Resp: 229331
Ion Ratio Lower Upper
196 100
198 92.8 76.7 115.1
97 39.9 32.9 49.3
132 21.6 16.8 25.2

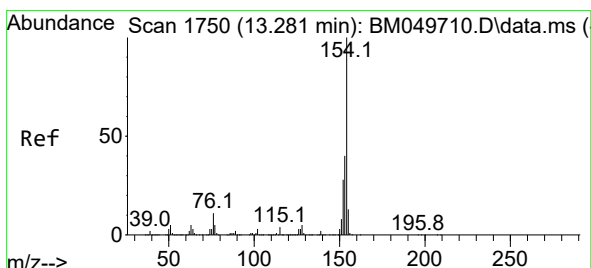
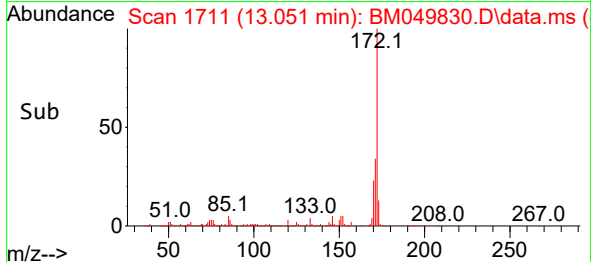
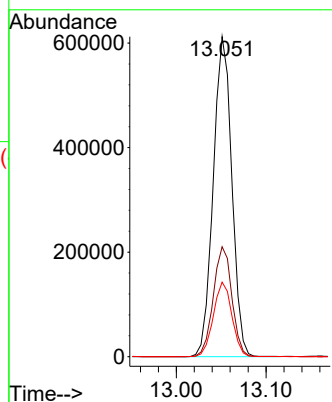
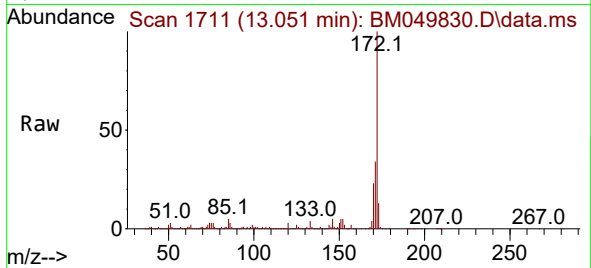




#45
2-Fluorobiphenyl
Concen: 13.880 ng
RT: 13.051 min Scan# 1714
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

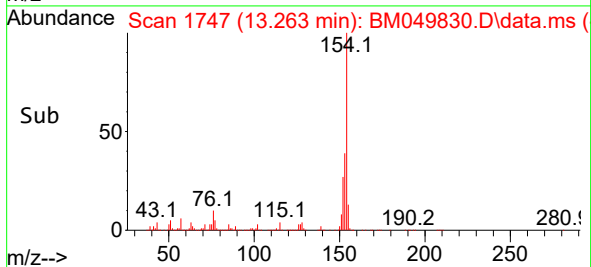
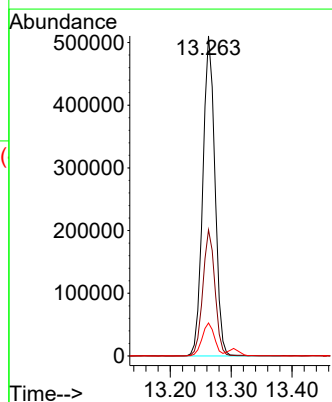
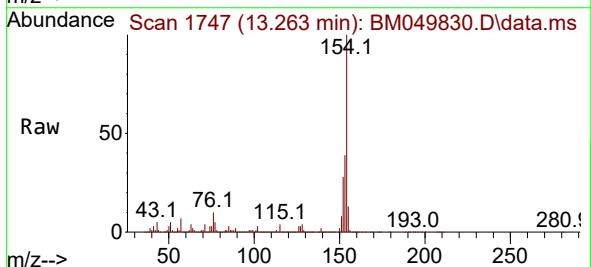
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

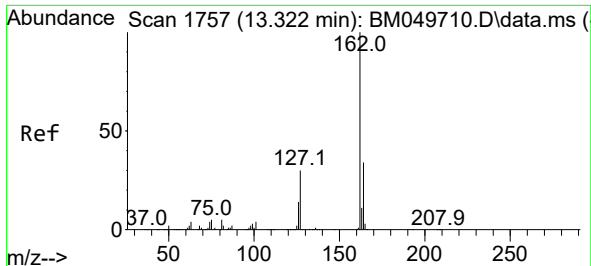
Tgt Ion:172 Resp: 880267
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 11.577 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion:154 Resp: 708671
Ion Ratio Lower Upper
154 100
153 39.4 19.7 59.7
76 10.3 0.0 31.2

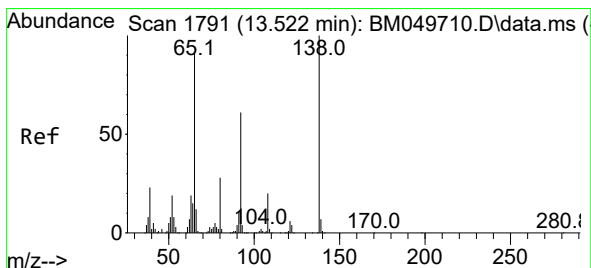
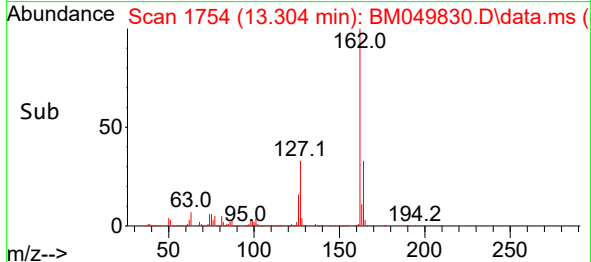
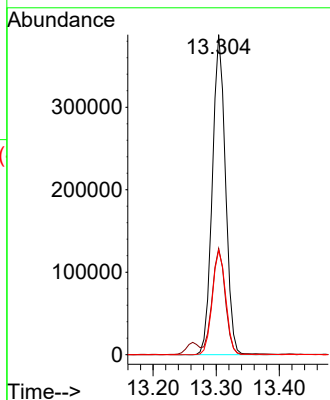
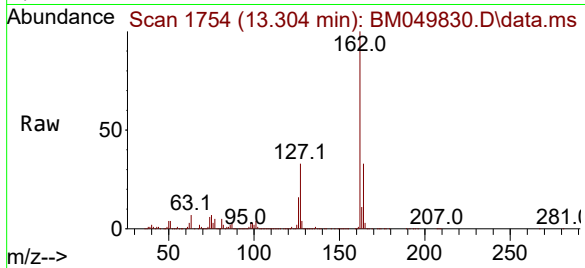




#47
2-Chloronaphthalene
Concen: 11.758 ng
RT: 13.304 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

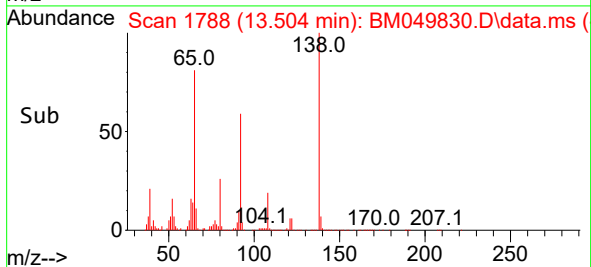
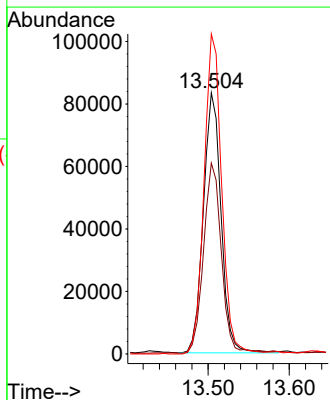
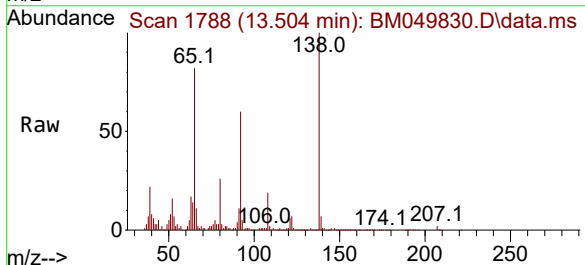
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

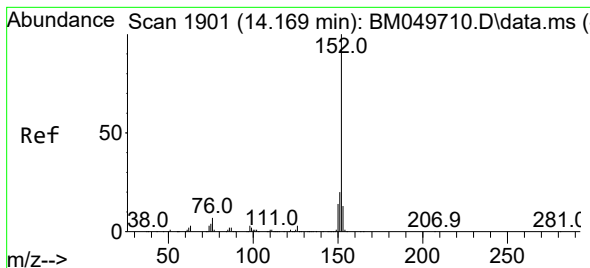
Tgt Ion:162 Resp: 560236
Ion Ratio Lower Upper
162 100
127 33.2 25.8 38.6
164 32.6 27.1 40.7



#48
2-Nitroaniline
Concen: 11.775 ng
RT: 13.504 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion: 65 Resp: 125945
Ion Ratio Lower Upper
65 100
92 73.1 53.4 80.2
138 122.5 87.6 131.4





#49

Acenaphthylene

Concen: 12.997 ng

RT: 14.151 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049830.D

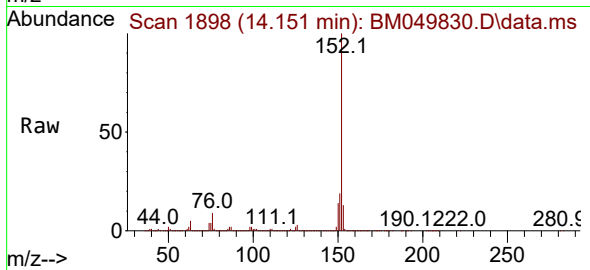
Acq: 04 Apr 2025 19:16

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD



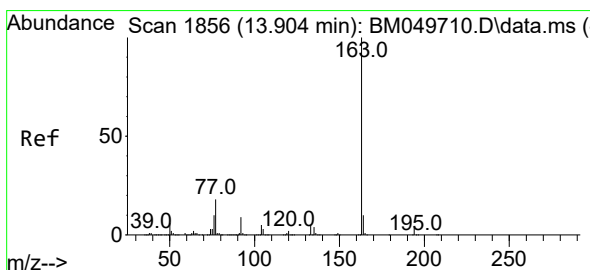
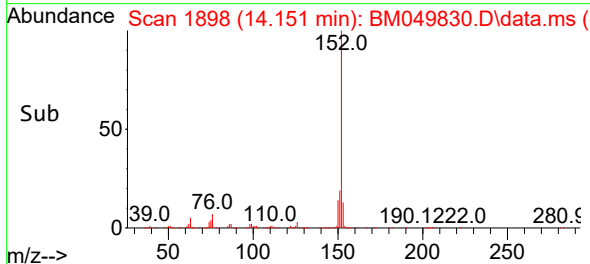
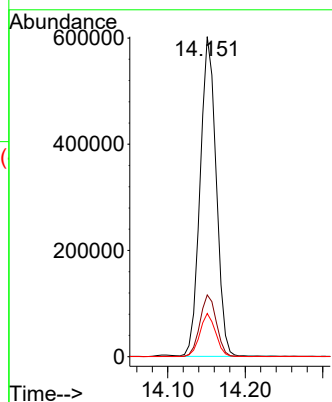
Tgt Ion:152 Resp: 865591

Ion Ratio Lower Upper

152 100

151 19.3 15.8 23.8

153 13.5 10.2 15.4



#50

Dimethylphthalate

Concen: 11.922 ng

RT: 13.886 min Scan# 1853

Delta R.T. -0.018 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

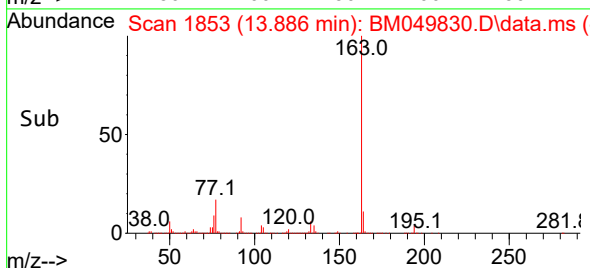
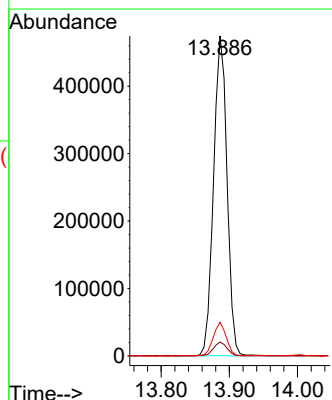
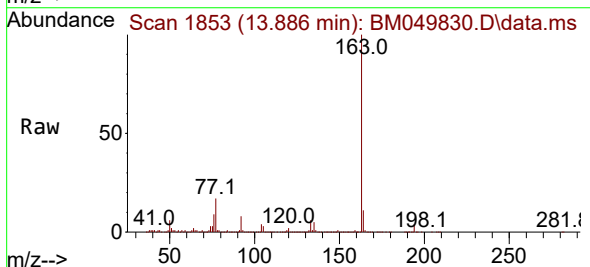
Tgt Ion:163 Resp: 651935

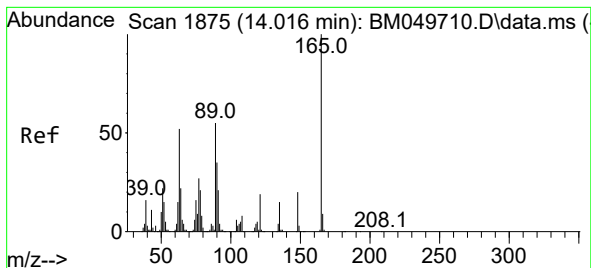
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.6 8.2 12.2

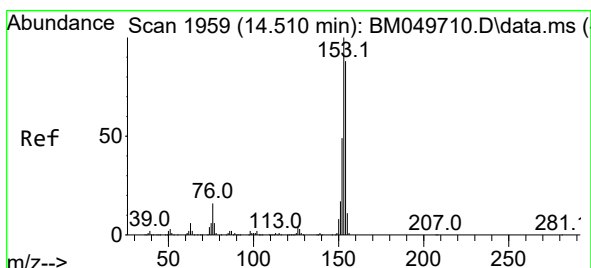
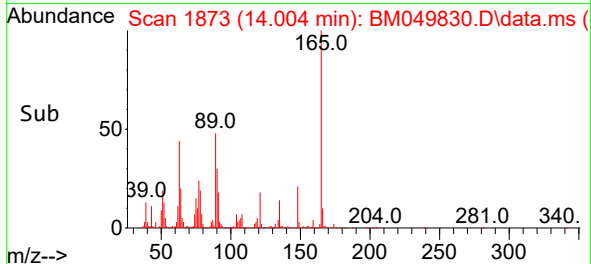
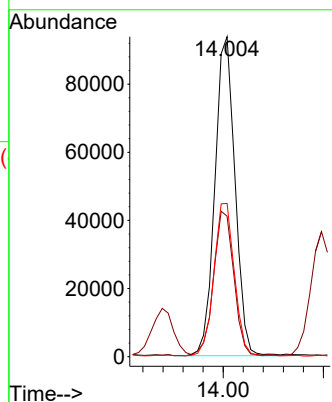
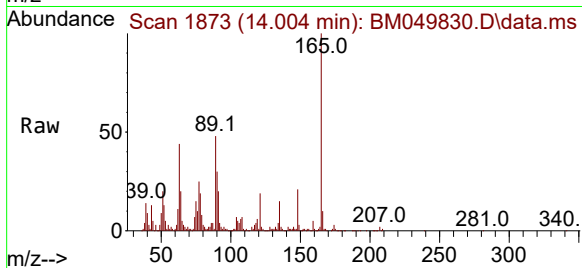




#51
2,6-Dinitrotoluene
Concen: 11.911 ng
RT: 14.004 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

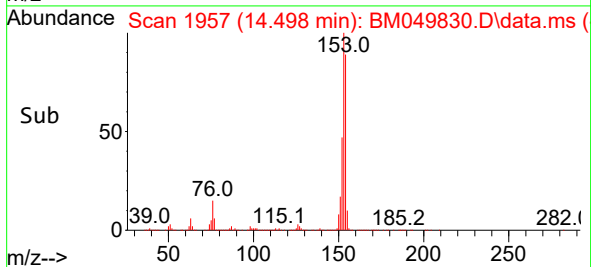
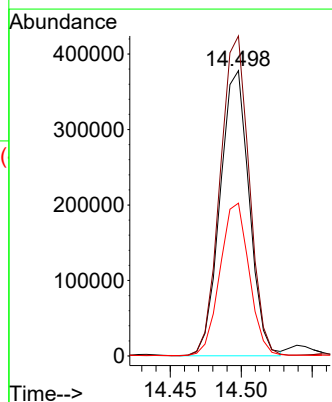
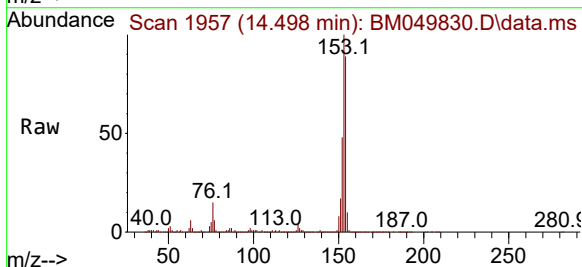
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

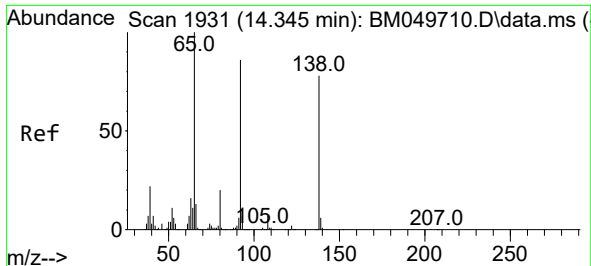
Tgt Ion:165 Resp: 130508
Ion Ratio Lower Upper
165 100
63 43.9 42.3 63.5
89 47.9 43.9 65.9



#52
Acenaphthene
Concen: 12.317 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion:154 Resp: 538071
Ion Ratio Lower Upper
154 100
153 112.2 90.4 135.6
152 53.6 44.2 66.2

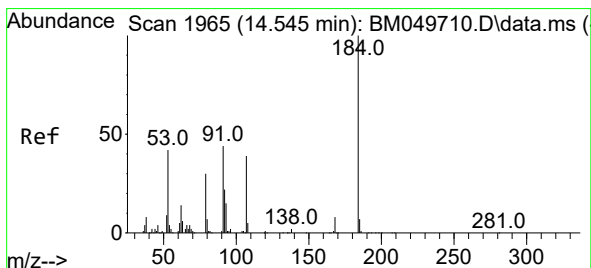
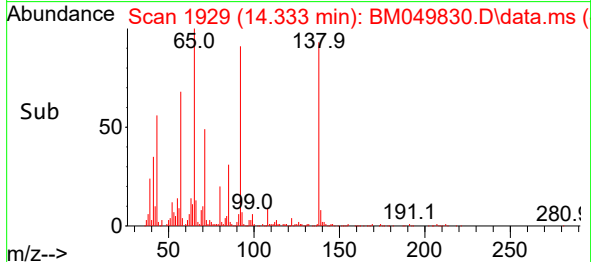
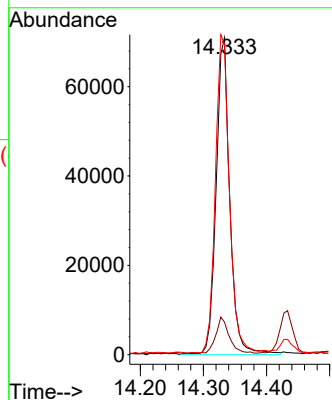
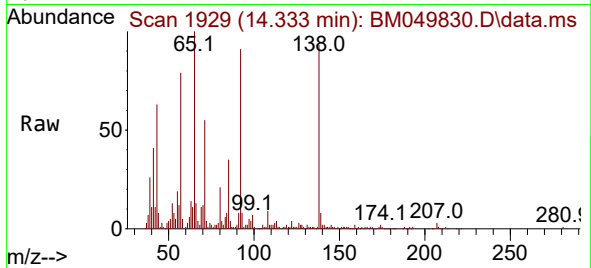




#53
3-Nitroaniline
Concen: 10.283 ng
RT: 14.333 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

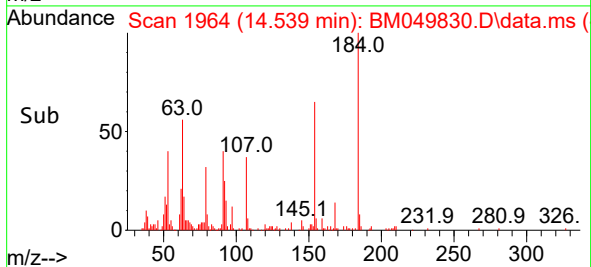
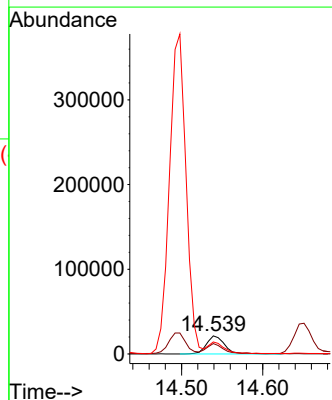
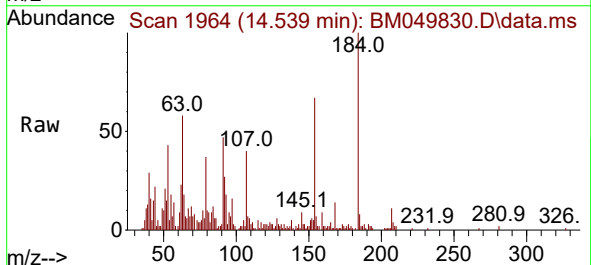
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

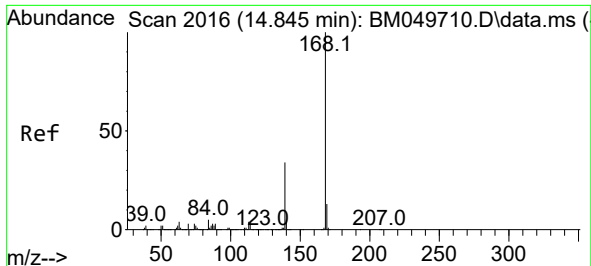
Tgt Ion:138 Resp: 107224
Ion Ratio Lower Upper
138 100
108 10.3 7.5 11.3
92 98.0 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 10.107 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion:184 Resp: 33246
Ion Ratio Lower Upper
184 100
63 57.7 47.2 70.8
154 66.6 49.9 74.9

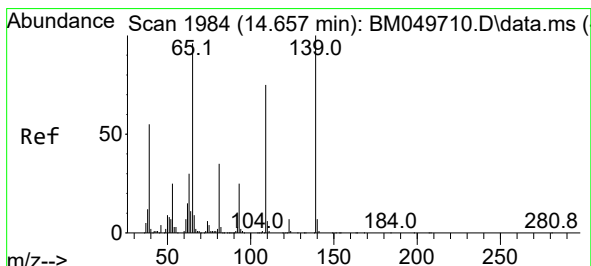
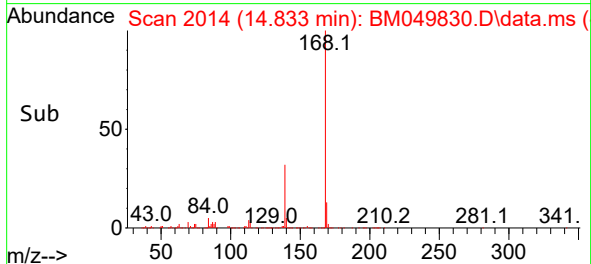
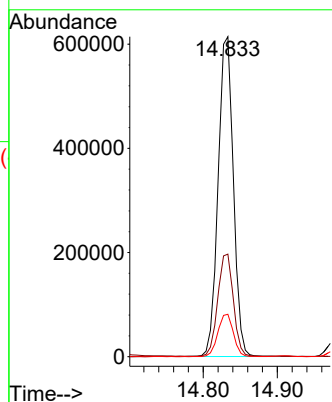
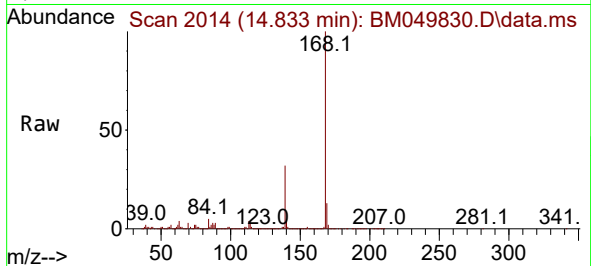




#55
Dibenzenofuran
Concen: 12.061 ng
RT: 14.833 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

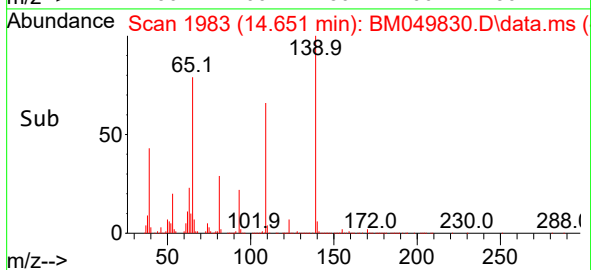
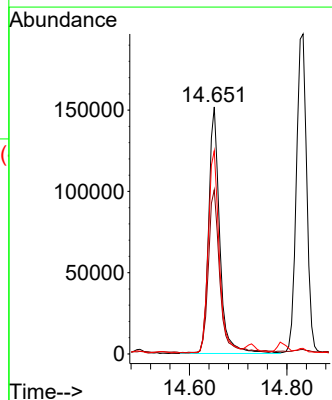
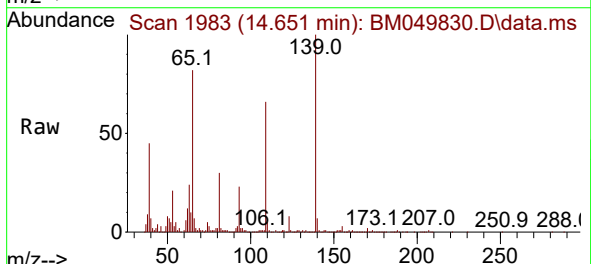
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

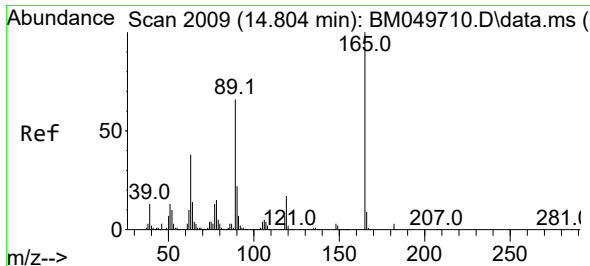
Tgt Ion:168 Resp: 877984
Ion Ratio Lower Upper
168 100
139 32.0 27.4 41.0
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 26.202 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion:139 Resp: 237817
Ion Ratio Lower Upper
139 100
109 66.5 54.7 94.7
65 82.3 76.2 116.2





#57

2,4-Dinitrotoluene

Concen: 12.553 ng

RT: 14.792 min Scan# 20

Delta R.T. -0.012 min

Lab File: BM049830.D

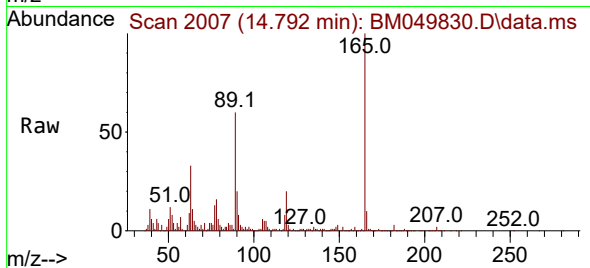
Acq: 04 Apr 2025 19:16

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD



Tgt Ion:165 Resp: 176992

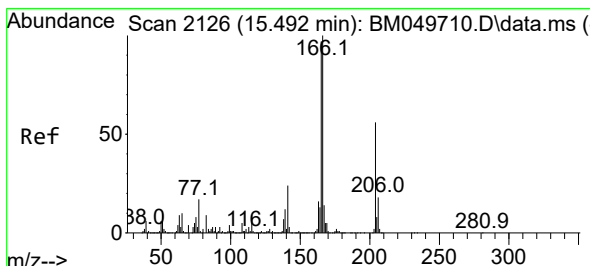
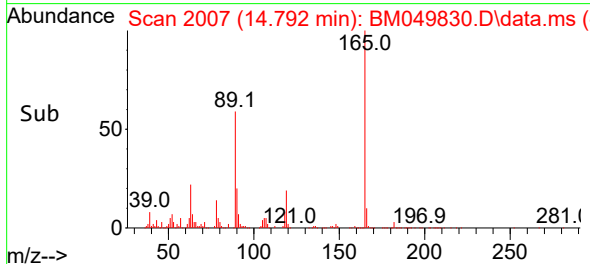
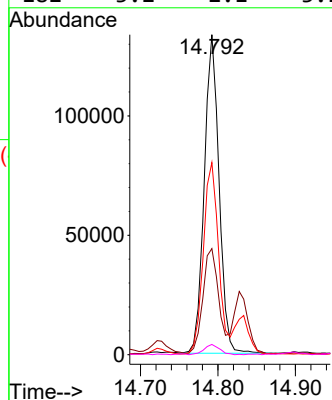
Ion Ratio Lower Upper

165 100

63 33.2 30.8 46.2

89 60.0 53.1 79.7

182 3.2 2.1 3.1#



#58

Fluorene

Concen: 12.472 ng

RT: 15.480 min Scan# 2124

Delta R.T. -0.012 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

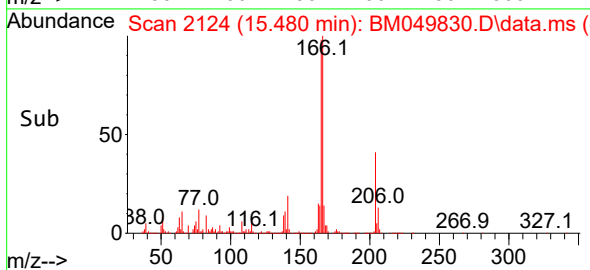
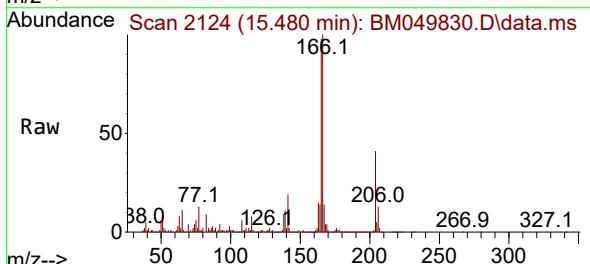
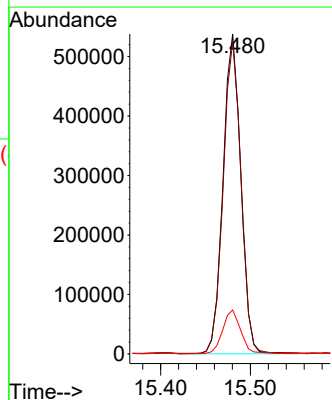
Tgt Ion:166 Resp: 739189

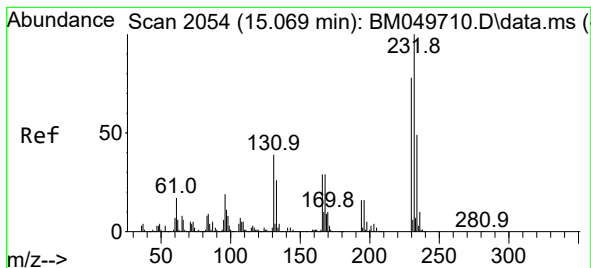
Ion Ratio Lower Upper

166 100

165 97.7 77.5 116.3

167 13.8 10.9 16.3

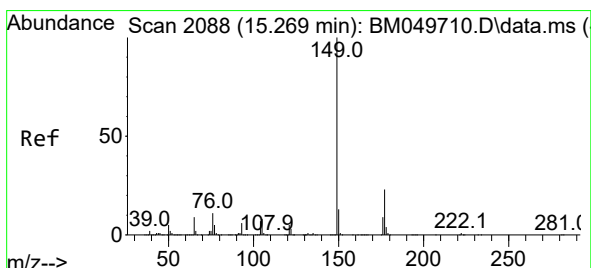
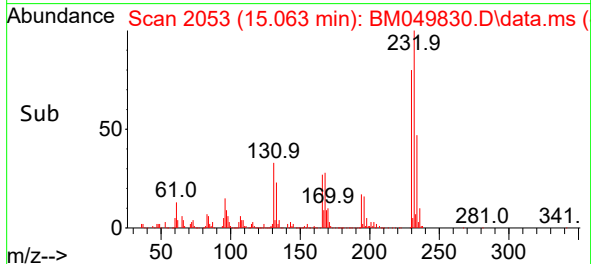
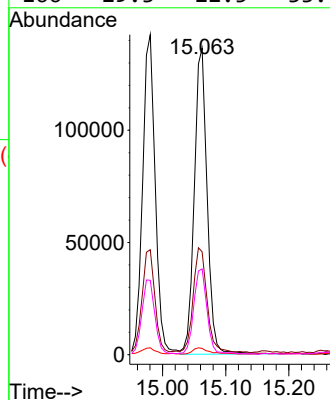
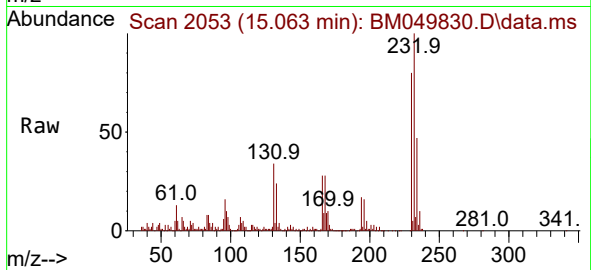




#59
2,3,4,6-Tetrachlorophenol
Concen: 12.870 ng
RT: 15.063 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

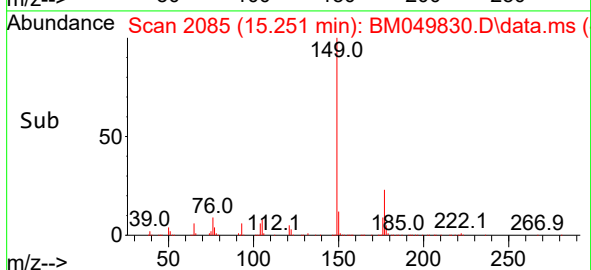
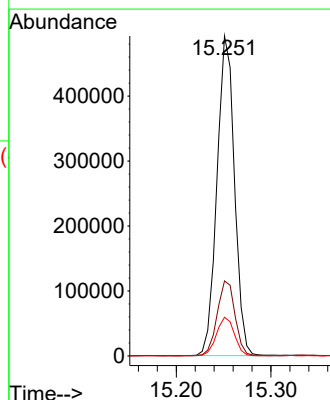
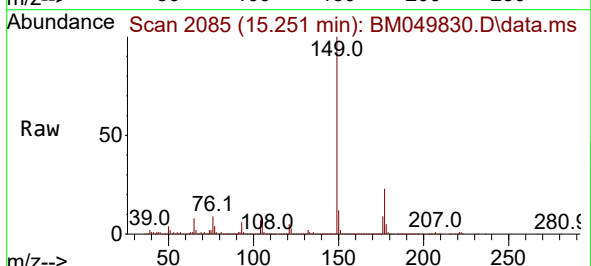
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

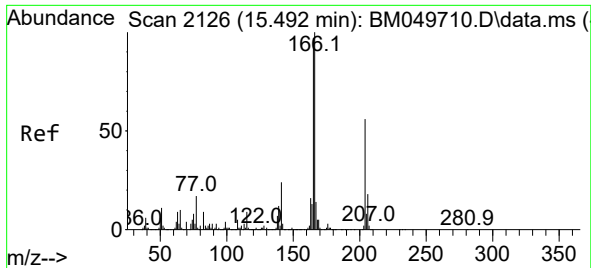
Tgt Ion:232 Resp: 192101
Ion Ratio Lower Upper
232 100
131 37.6 30.0 45.0
130 2.5 1.6 2.4#
166 29.3 22.5 33.7



#60
Diethylphthalate
Concen: 12.270 ng
RT: 15.251 min Scan# 2085
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion:149 Resp: 631967
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.2
150 12.1 10.0 15.0

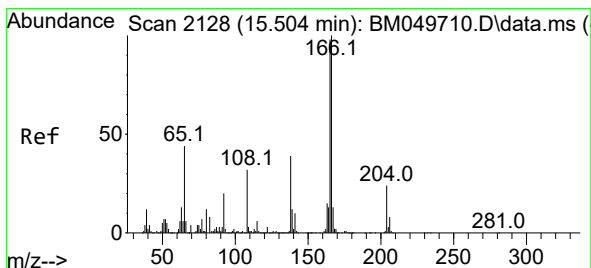
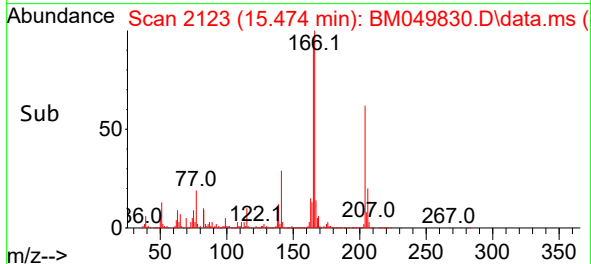
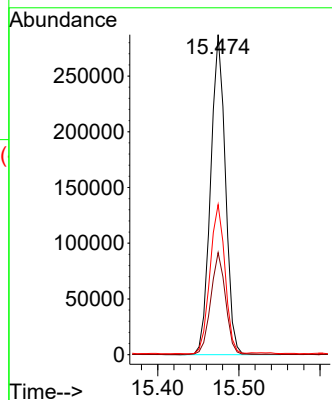
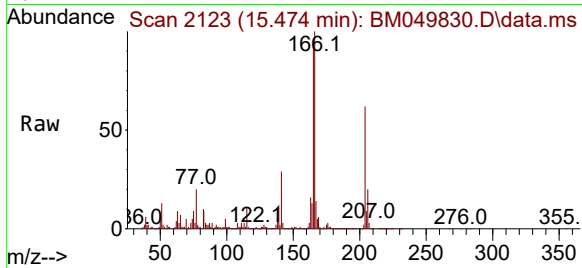




#61
4-Chlorophenyl-phenylether
Concen: 11.210 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

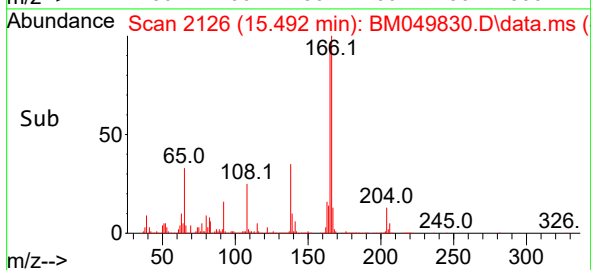
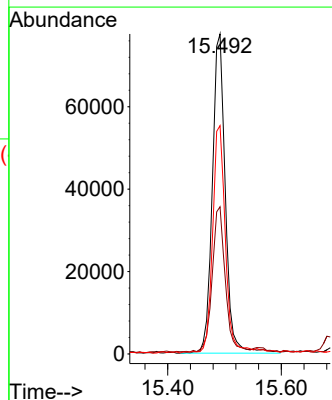
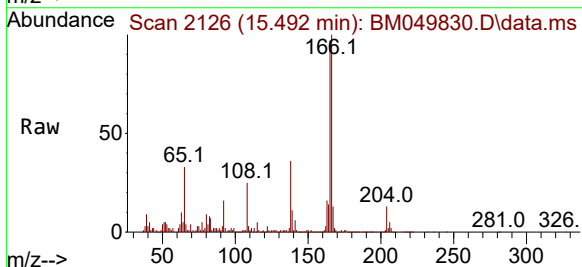
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

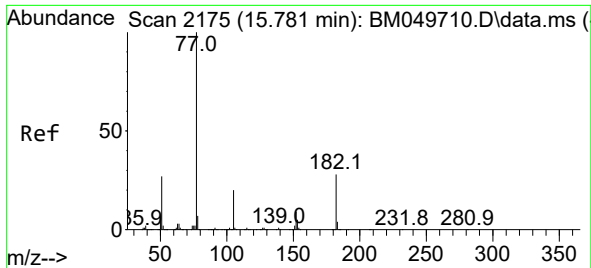
Tgt Ion:204 Resp: 362796
Ion Ratio Lower Upper
204 100
206 31.9 25.2 37.8
141 46.9 34.5 51.7



#62
4-Nitroaniline
Concen: 12.853 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion:138 Resp: 122425
Ion Ratio Lower Upper
138 100
92 46.0 29.8 69.8
108 71.4 61.3 101.3

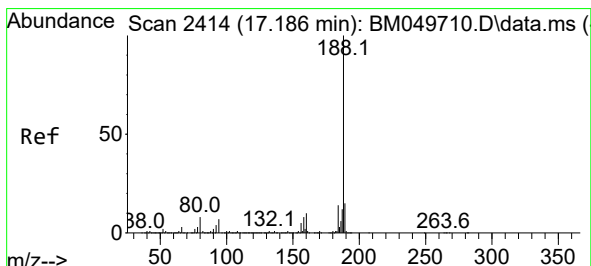
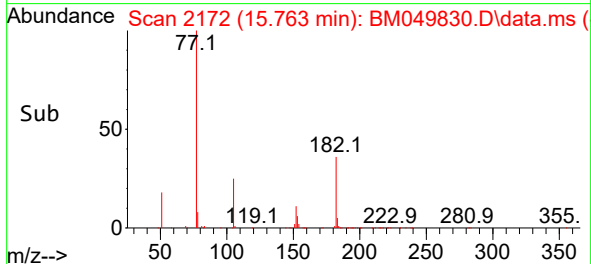
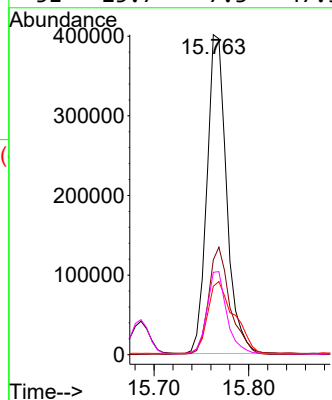
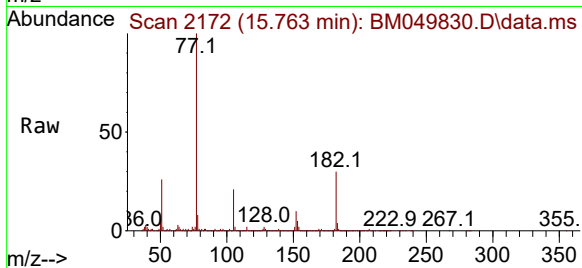




#63
 Azobenzene
 Concen: 11.762 ng
 RT: 15.763 min Scan# 2172
 Delta R.T. -0.018 min
 Lab File: BM049830.D
 Acq: 04 Apr 2025 19:16

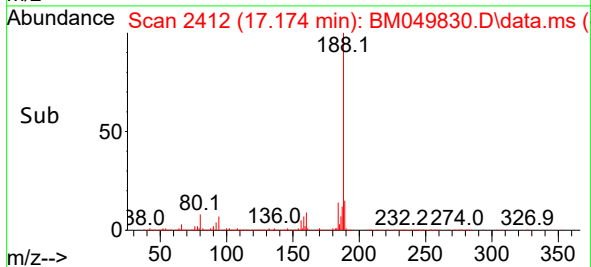
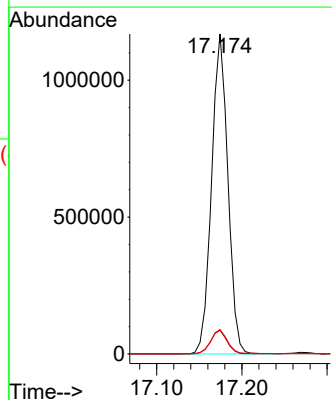
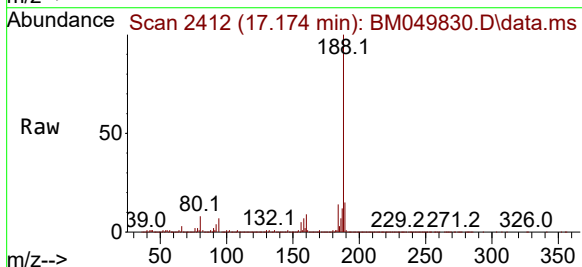
Instrument :
 BNA_M
 ClientSampleId :
 AU-05-040325MSD

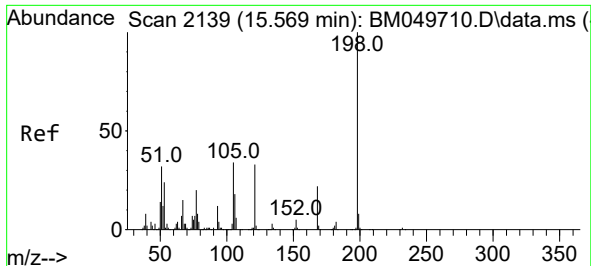
Tgt Ion: 77 Resp: 578607
 Ion Ratio Lower Upper
 77 100
 182 29.7 8.0 48.0
 105 21.4 0.0 40.0
 51 25.7 7.3 47.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.174 min Scan# 2412
 Delta R.T. -0.012 min
 Lab File: BM049830.D
 Acq: 04 Apr 2025 19:16

Tgt Ion: 188 Resp: 1550646
 Ion Ratio Lower Upper
 188 100
 94 7.4 5.8 8.6
 80 7.6 6.3 9.5

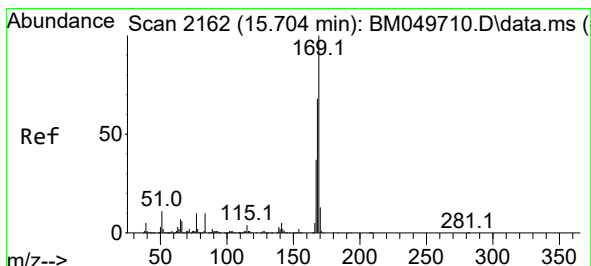
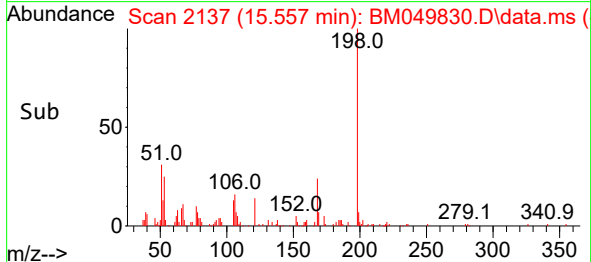
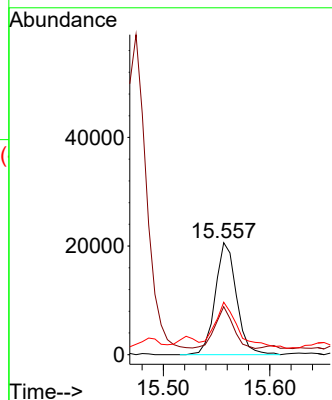
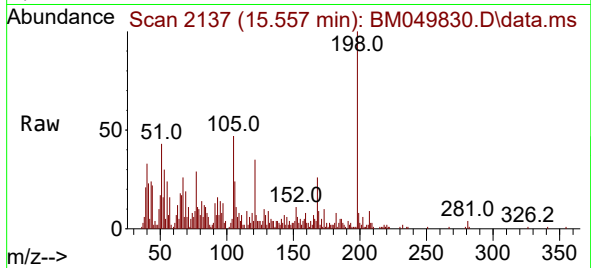




#65
4,6-Dinitro-2-methylphenol
Concen: 6.950 ng
RT: 15.557 min Scan# 2139
Delta R.T. -0.012 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

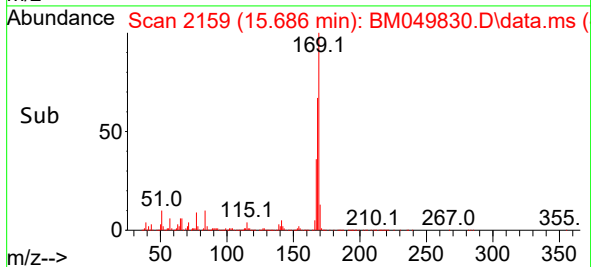
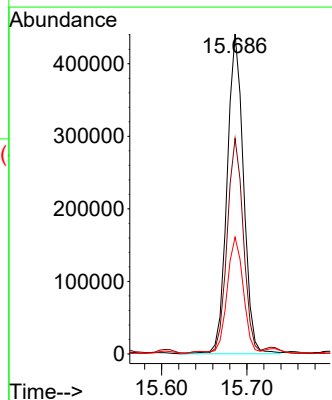
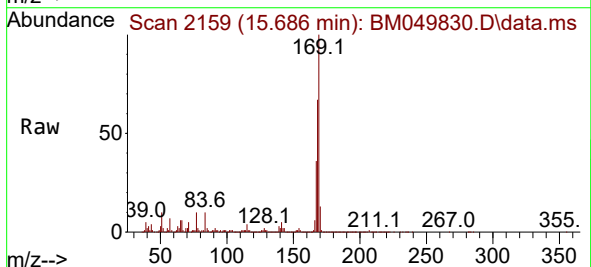
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

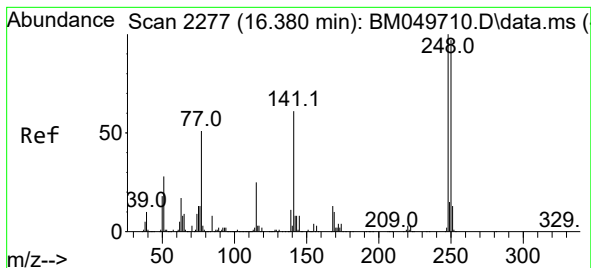
Tgt Ion:198 Resp: 28459
Ion Ratio Lower Upper
198 100
51 42.8 13.8 53.8
105 46.8 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 12.529 ng
RT: 15.686 min Scan# 2159
Delta R.T. -0.018 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion:169 Resp: 588621
Ion Ratio Lower Upper
169 100
168 67.4 54.8 82.2
167 36.5 29.9 44.9

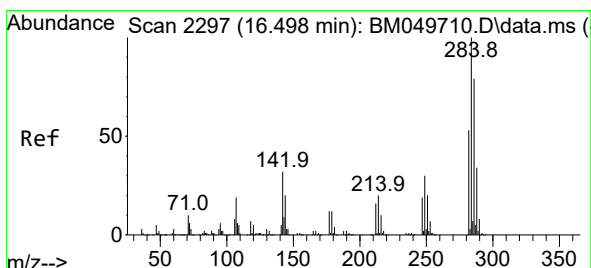
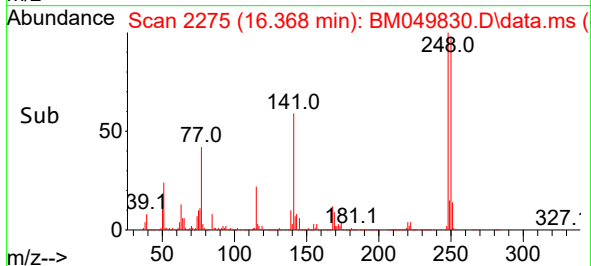
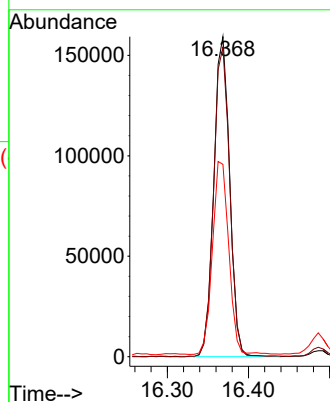
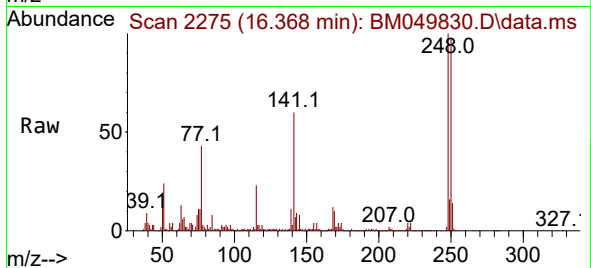




#67
4-Bromophenyl-phenylether
Concen: 12.039 ng
RT: 16.368 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

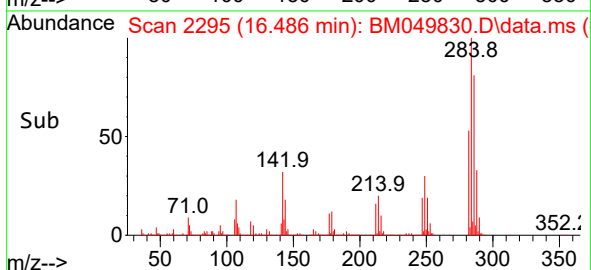
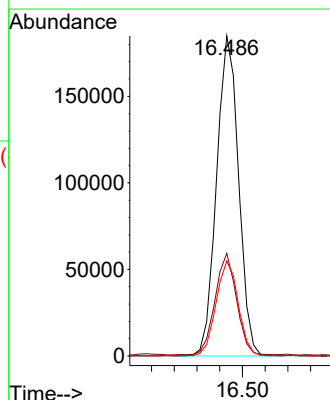
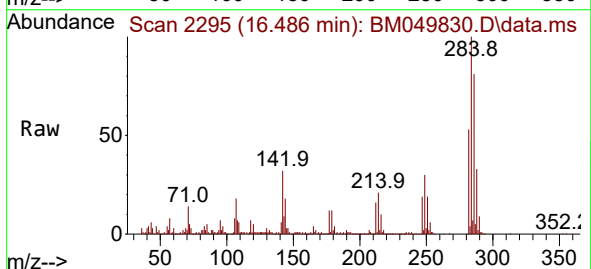
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

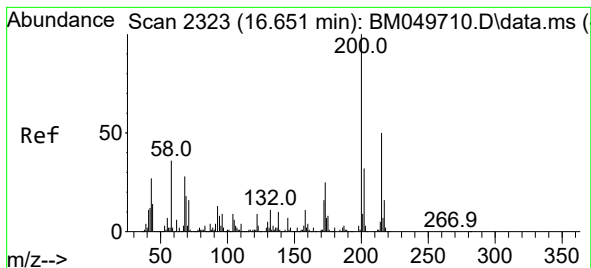
Tgt Ion:248 Resp: 215539
Ion Ratio Lower Upper
248 100
250 96.7 77.9 116.9
141 60.1 48.6 73.0



#68
Hexachlorobenzene
Concen: 12.355 ng
RT: 16.486 min Scan# 2295
Delta R.T. -0.012 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion:284 Resp: 248732
Ion Ratio Lower Upper
284 100
142 32.1 25.5 38.3
249 29.6 24.2 36.2





#69

Atrazine

Concen: 20.146 ng

RT: 16.639 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

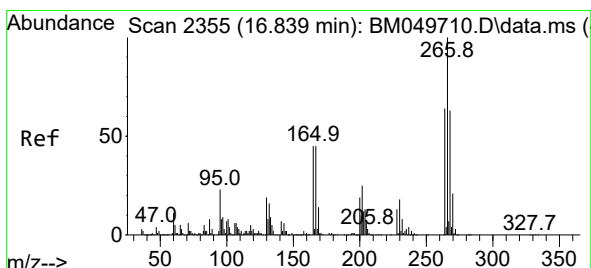
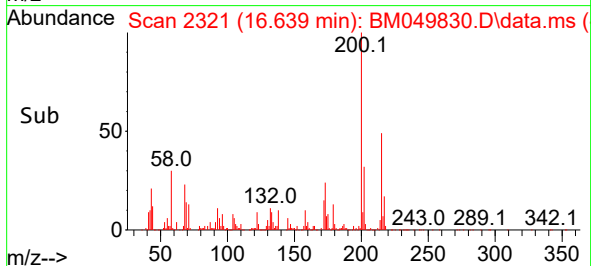
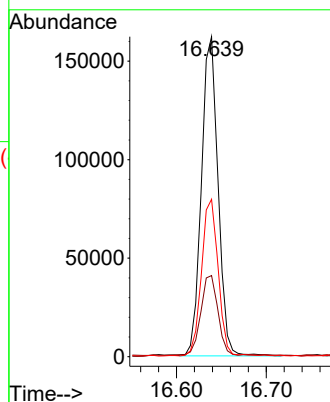
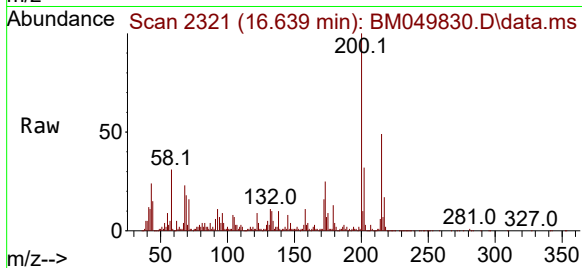
Tgt Ion:200 Resp: 208586

Ion Ratio Lower Upper

200 100

173 25.3 5.4 45.4

215 49.2 29.8 69.8



#70

Pentachlorophenol

Concen: 25.171 ng

RT: 16.827 min Scan# 2353

Delta R.T. -0.012 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

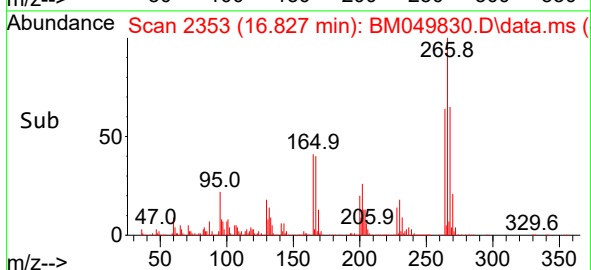
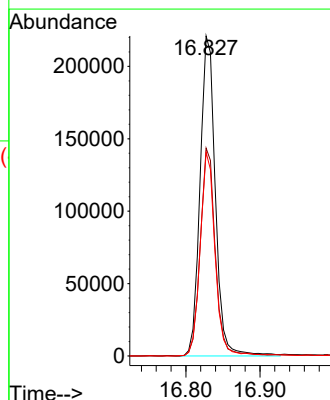
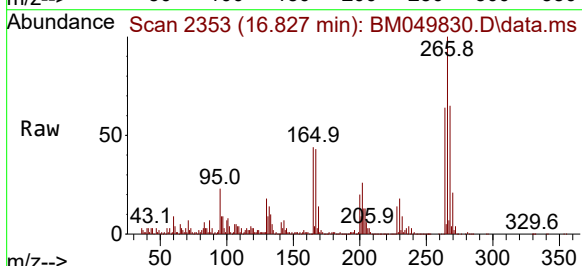
Tgt Ion:266 Resp: 318457

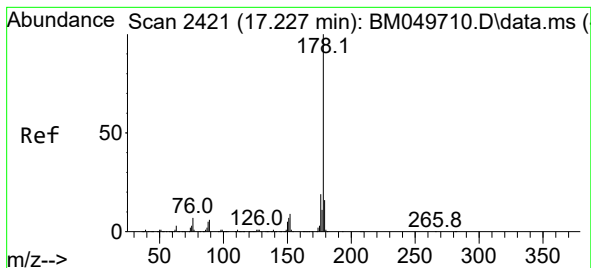
Ion Ratio Lower Upper

266 100

268 65.0 50.2 75.2

264 63.6 51.3 76.9





#71

Phenanthrene

Concen: 16.356 ng

RT: 17.215 min Scan# 2421

Delta R.T. -0.012 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

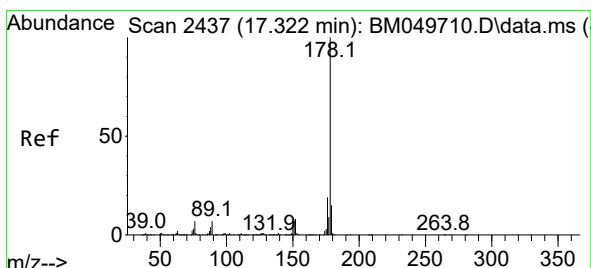
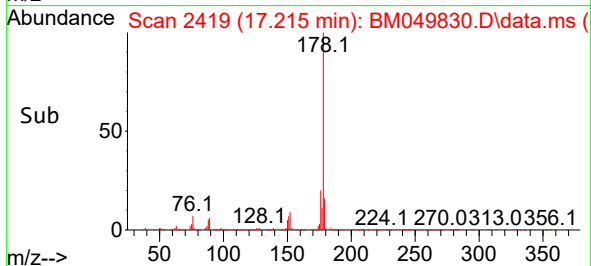
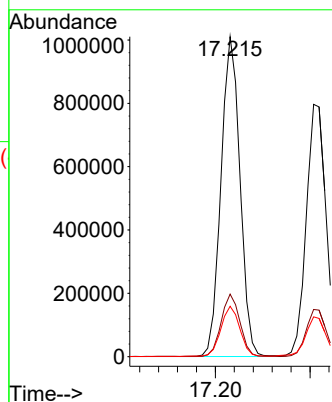
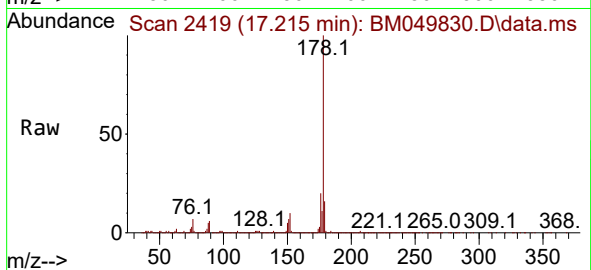
Tgt Ion:178 Resp: 1408300

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.7 12.5 18.7



#72

Anthracene

Concen: 13.744 ng

RT: 17.304 min Scan# 2434

Delta R.T. -0.018 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

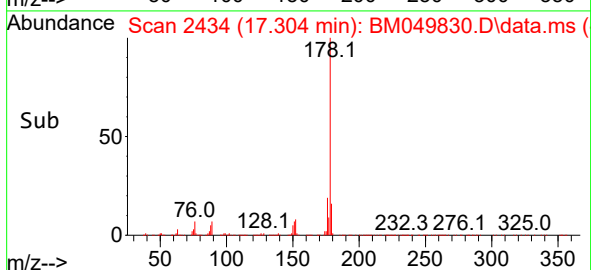
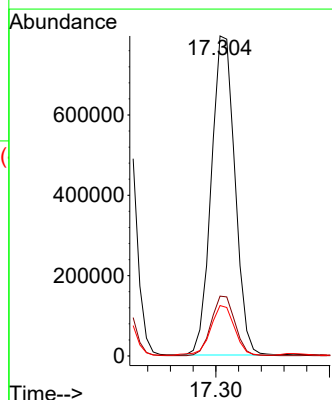
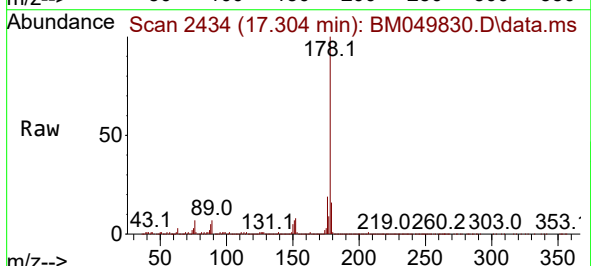
Tgt Ion:178 Resp: 1146110

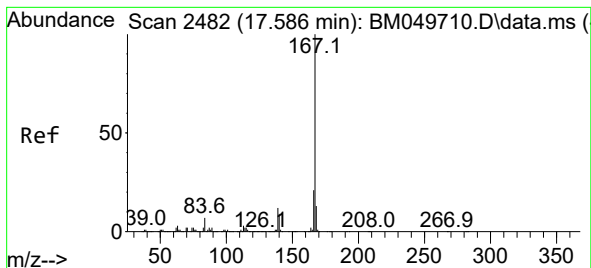
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.8 12.4 18.6





#73

Carbazole

Concen: 13.130 ng

RT: 17.574 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

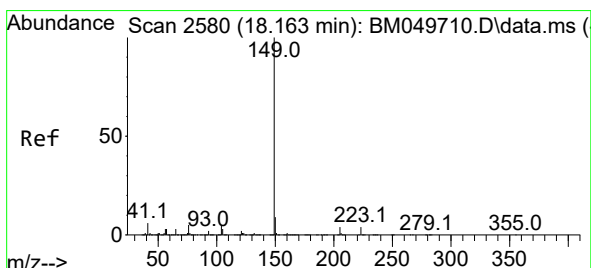
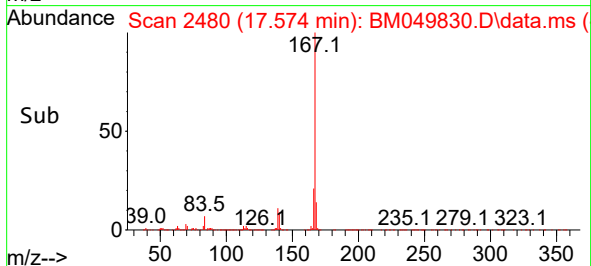
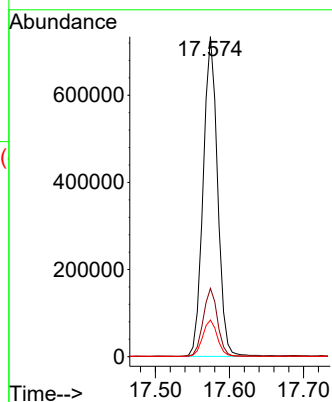
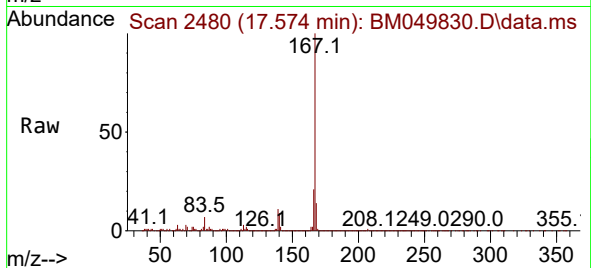
Tgt Ion:167 Resp: 991592

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

139 11.4 9.4 14.2



#74

Di-n-butylphthalate

Concen: 13.550 ng

RT: 18.145 min Scan# 2577

Delta R.T. -0.018 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

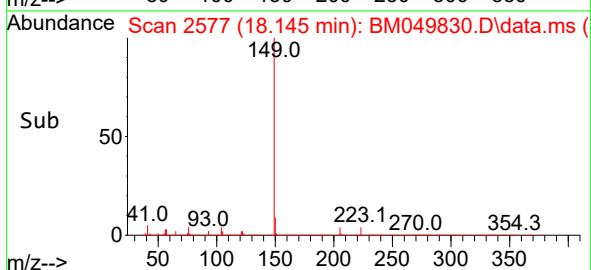
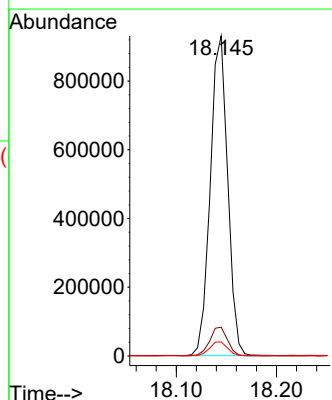
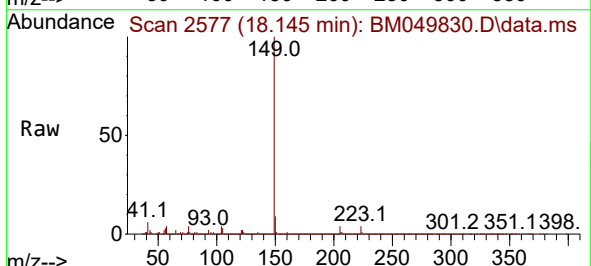
Tgt Ion:149 Resp: 1121544

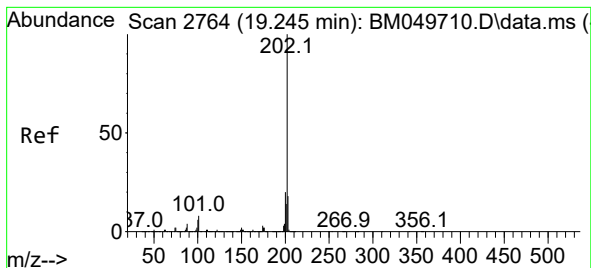
Ion Ratio Lower Upper

149 100

150 9.0 7.2 10.8

104 4.4 3.9 5.9





#75

Fluoranthene

Concen: 15.314 ng

RT: 19.233 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

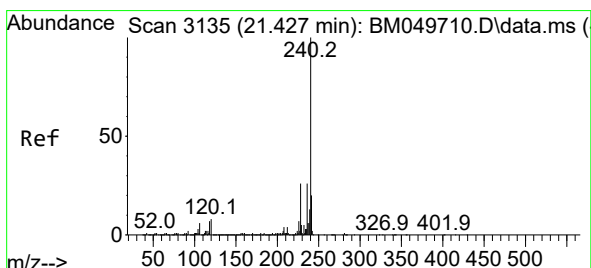
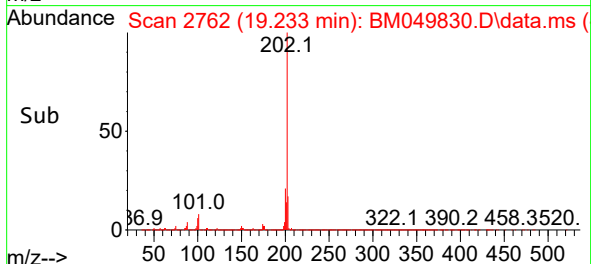
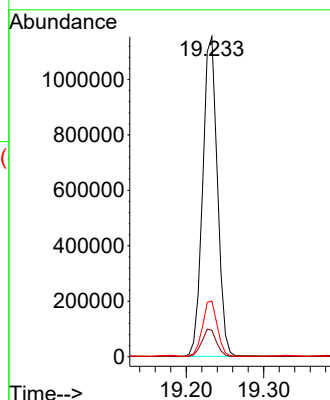
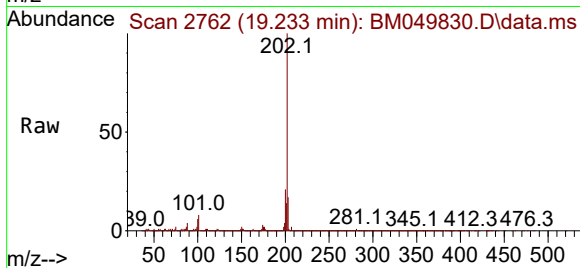
Tgt Ion:202 Resp: 1518076

Ion Ratio Lower Upper

202 100

101 8.2 0.0 27.8

203 17.4 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.409 min Scan# 3132

Delta R.T. -0.018 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

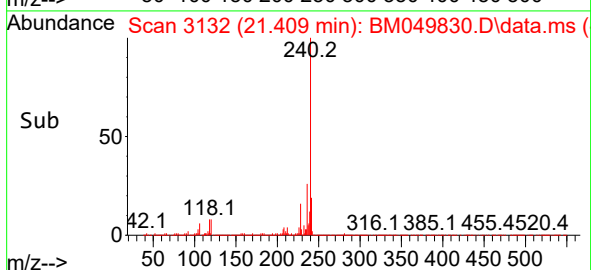
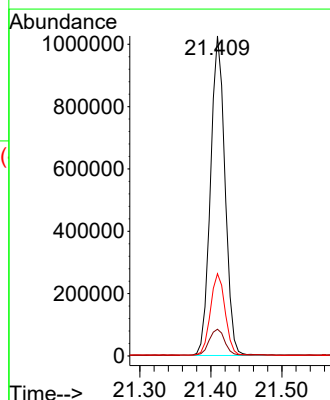
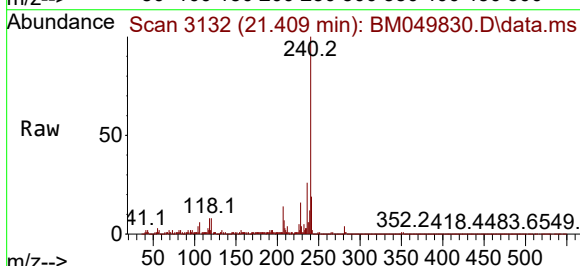
Tgt Ion:240 Resp: 1452084

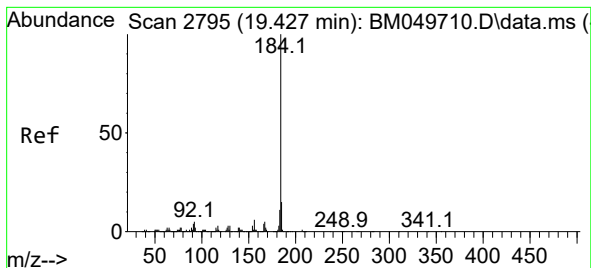
Ion Ratio Lower Upper

240 100

120 8.3 6.5 9.7

236 25.7 20.7 31.1





#77

Benzidine

Concen: 42.192 ng

RT: 19.415 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

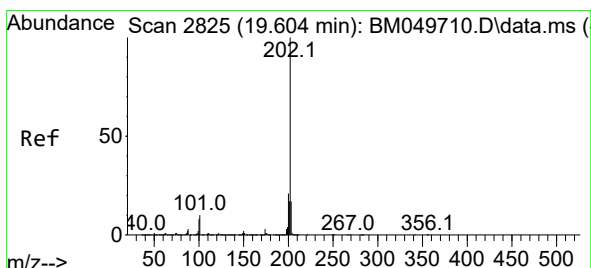
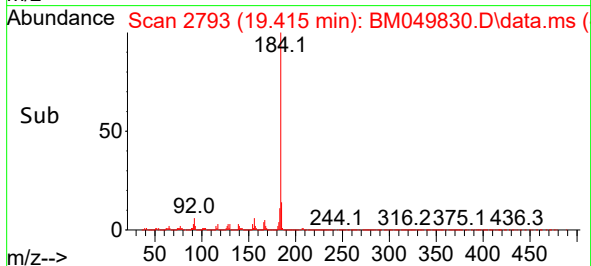
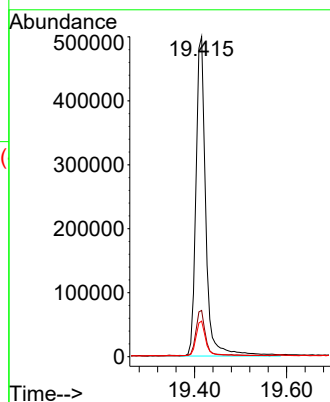
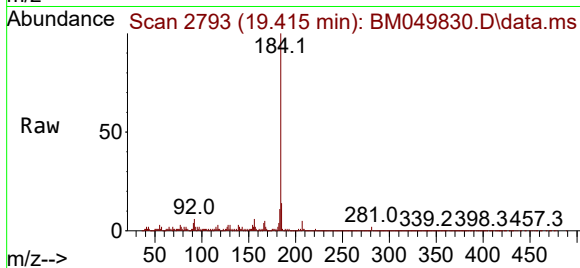
Tgt Ion:184 Resp: 736045

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

183 11.1 8.8 13.2



#78

Pyrene

Concen: 14.724 ng

RT: 19.592 min Scan# 2823

Delta R.T. -0.012 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

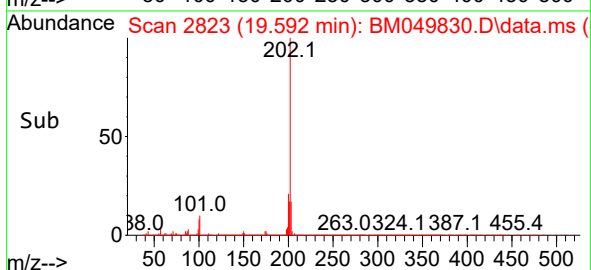
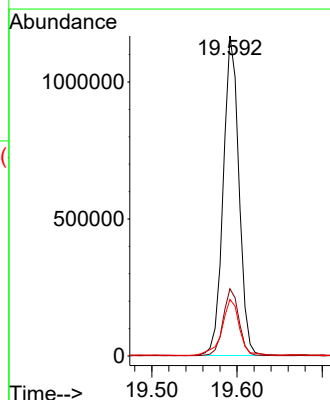
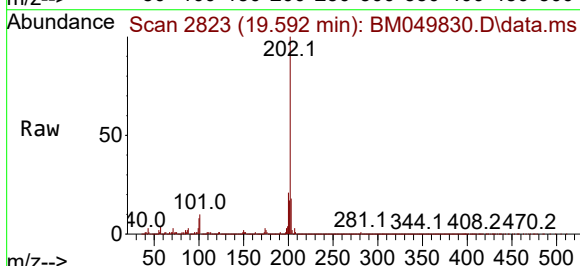
Tgt Ion:202 Resp: 1493784

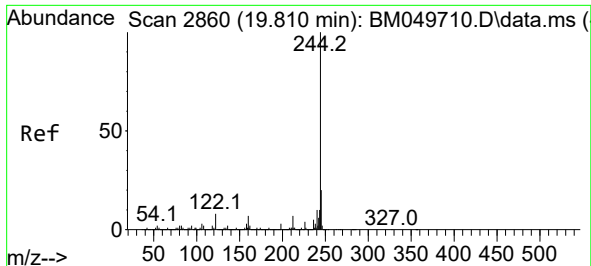
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.6 14.0 21.0

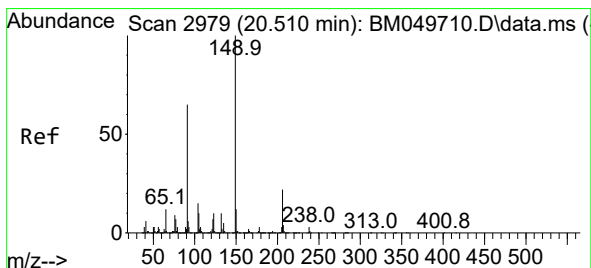
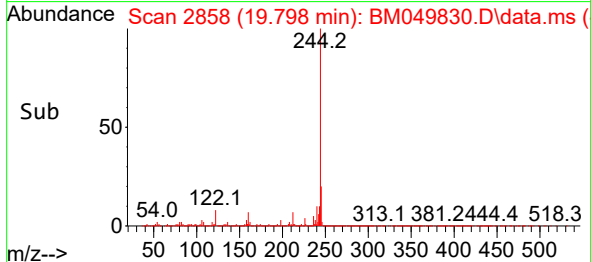
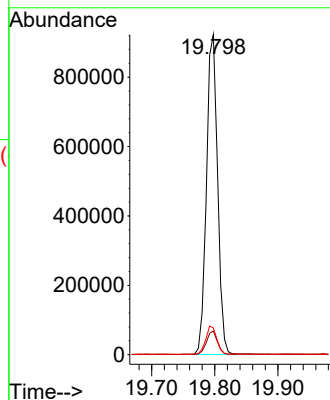
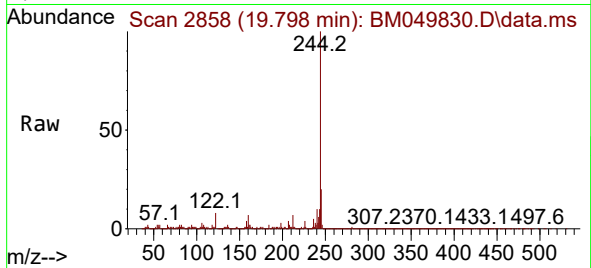




#79
 Terphenyl-d14
 Concen: 13.122 ng
 RT: 19.798 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM049830.D
 Acq: 04 Apr 2025 19:16

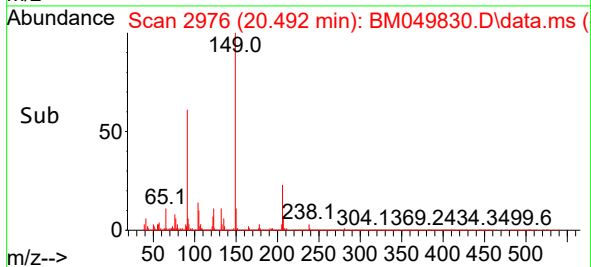
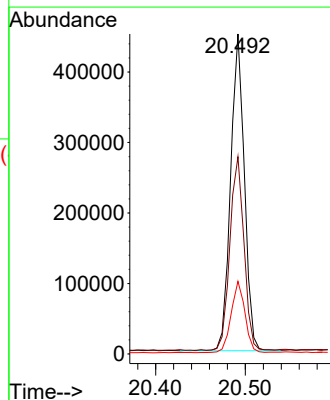
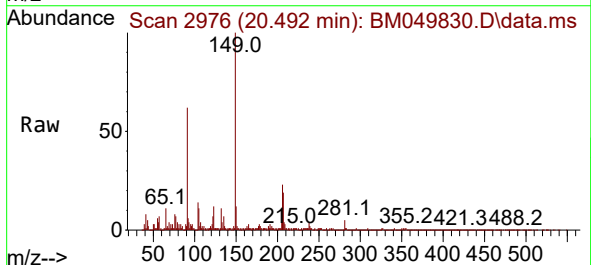
Instrument :
 BNA_M
 ClientSampleId :
 AU-05-040325MSD

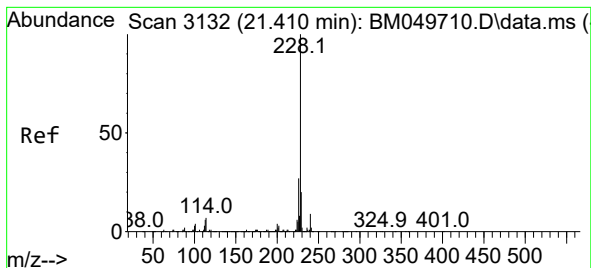
Tgt Ion:244 Resp: 1130770
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 8.4 6.0 9.0



#80
 Butylbenzylphthalate
 Concen: 15.222 ng
 RT: 20.492 min Scan# 2976
 Delta R.T. -0.018 min
 Lab File: BM049830.D
 Acq: 04 Apr 2025 19:16

Tgt Ion:149 Resp: 479251
 Ion Ratio Lower Upper
 149 100
 91 61.6 52.2 78.4
 206 22.7 17.6 26.4





#81

Benzo(a)anthracene

Concen: 13.708 ng

RT: 21.392 min Scan# 3116

Delta R.T. -0.018 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

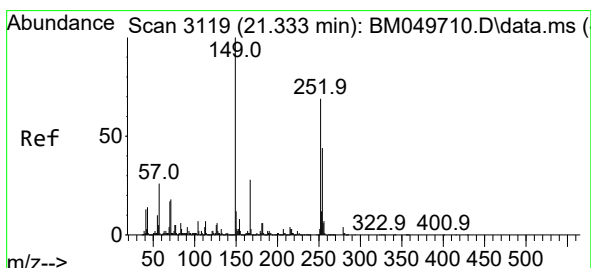
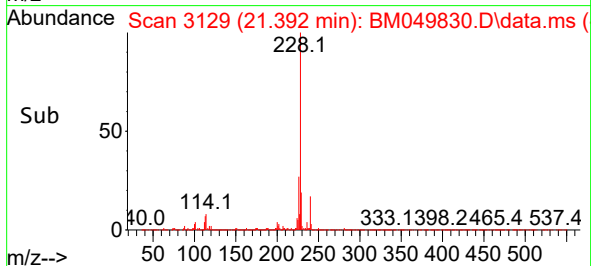
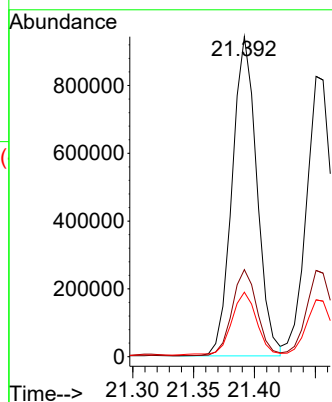
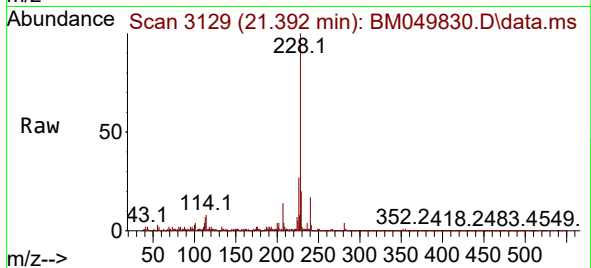
Tgt Ion:228 Resp: 1329520

Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

229 20.2 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 12.670 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.018 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

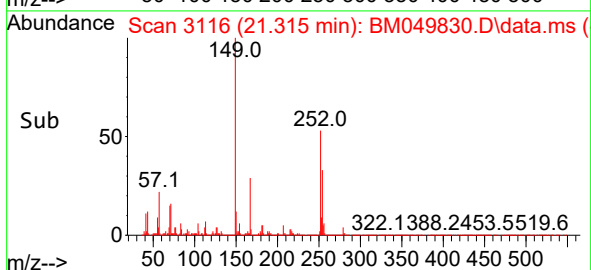
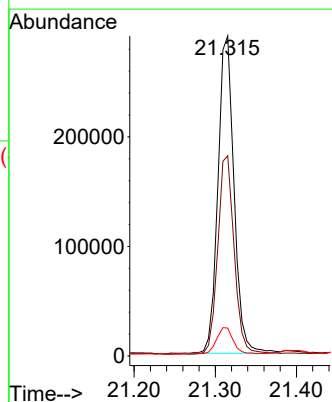
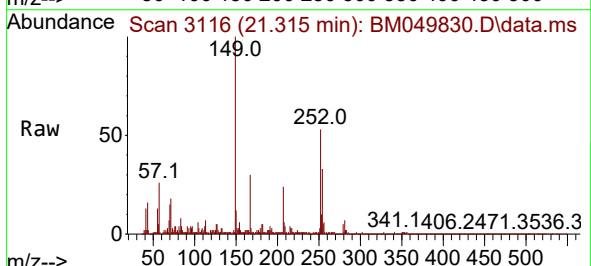
Tgt Ion:252 Resp: 400082

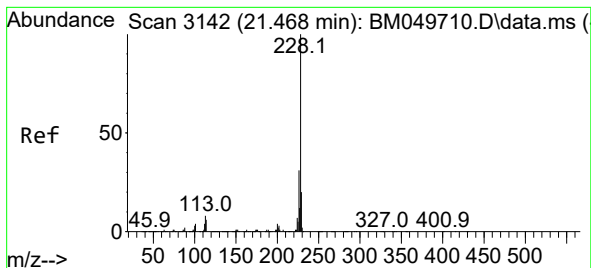
Ion Ratio Lower Upper

252 100

254 62.5 51.0 76.4

126 8.7 6.3 9.5





#83

Chrysene

Concen: 13.200 ng

RT: 21.450 min Scan# 3116

Delta R.T. -0.018 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

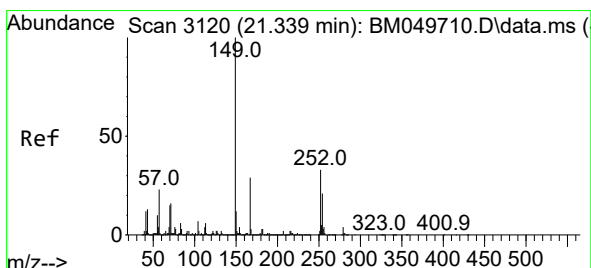
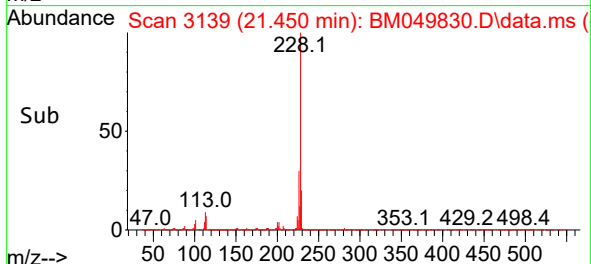
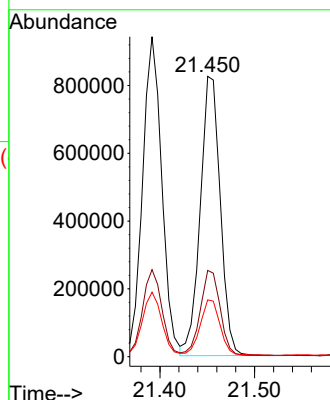
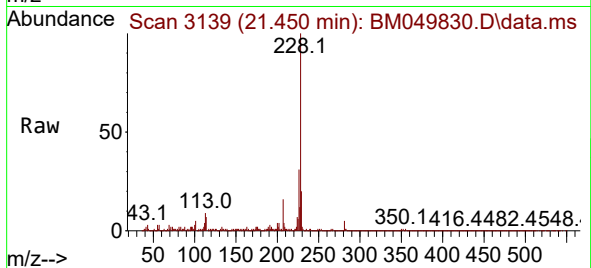
Tgt Ion:228 Resp: 1213633

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

229 20.3 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 14.533 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.024 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

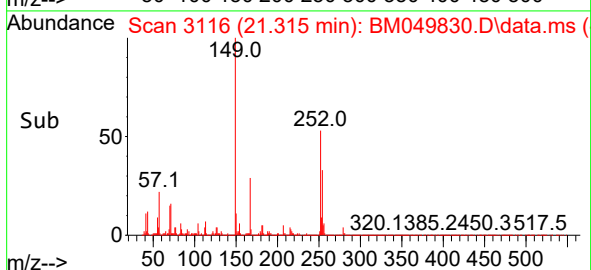
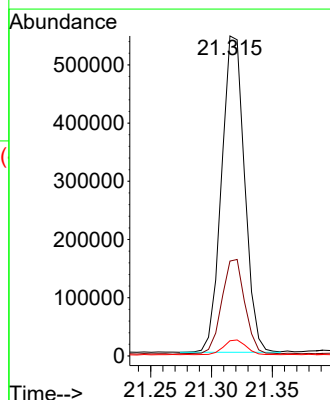
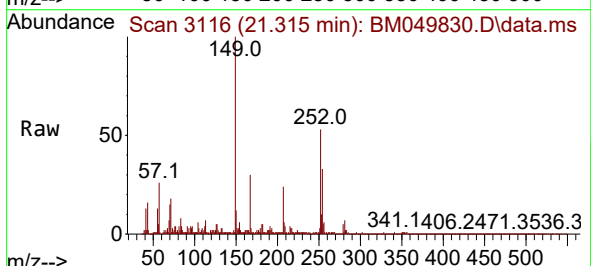
Tgt Ion:149 Resp: 713091

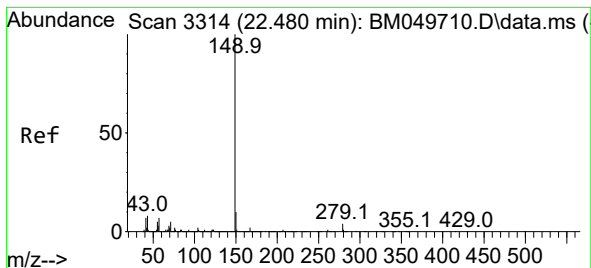
Ion Ratio Lower Upper

149 100

167 29.7 22.9 34.3

279 4.7 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 16.355 ng

RT: 22.456 min Scan# 31

Delta R.T. -0.024 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

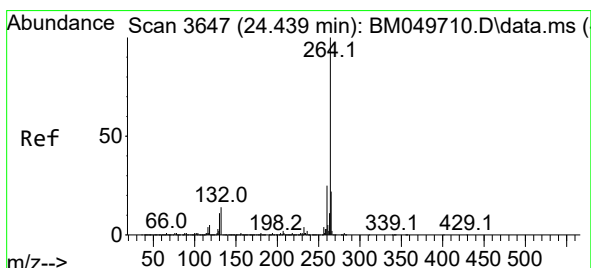
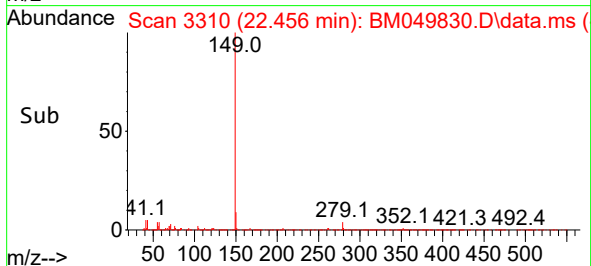
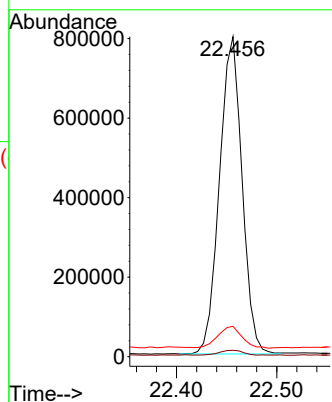
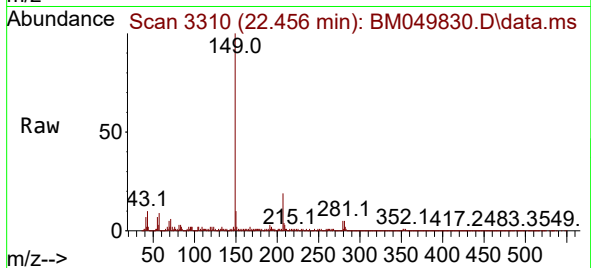
Tgt Ion:149 Resp: 1247314

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.5 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: BM049830.D

Acq: 04 Apr 2025 19:16

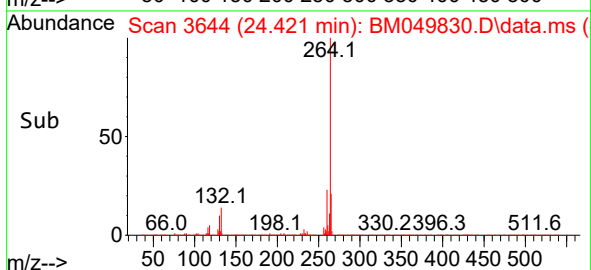
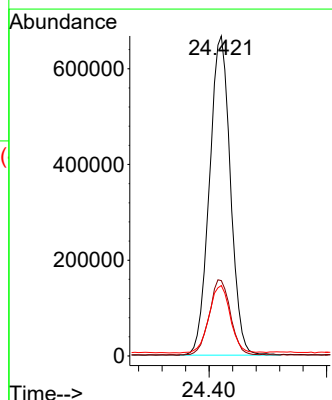
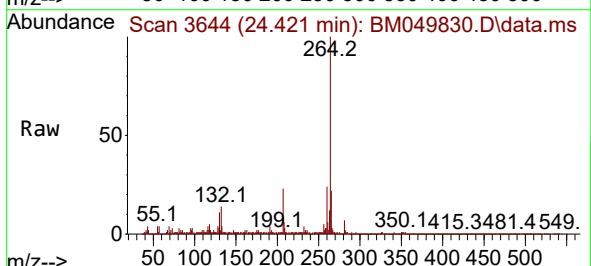
Tgt Ion:264 Resp: 1653905

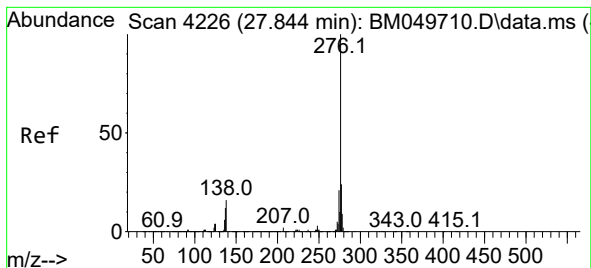
Ion Ratio Lower Upper

264 100

260 23.6 19.6 29.4

265 22.0 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 13.035 ng

RT: 27.815 min Scan# 41

Delta R.T. -0.030 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

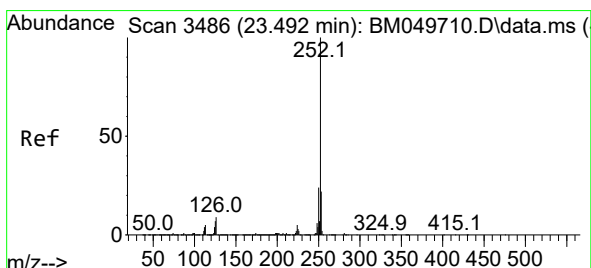
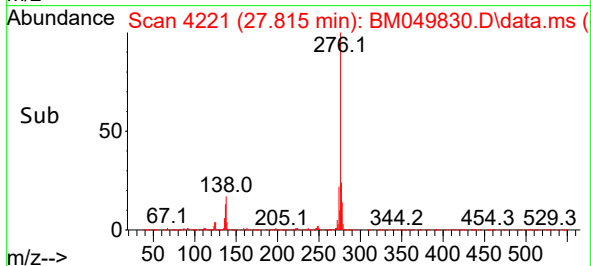
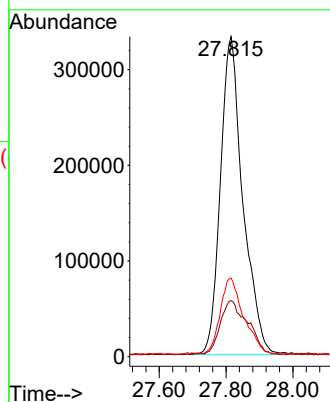
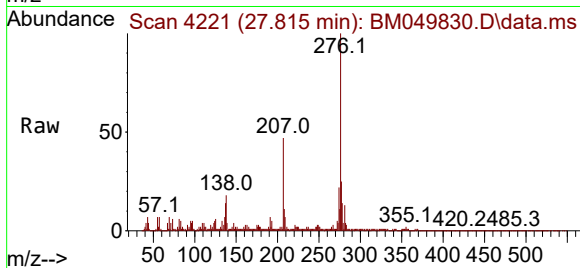
Tgt Ion:276 Resp: 1551754

Ion Ratio Lower Upper

276 100

138 20.7 16.3 24.5

277 25.0 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 11.902 ng

RT: 23.468 min Scan# 3482

Delta R.T. -0.024 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

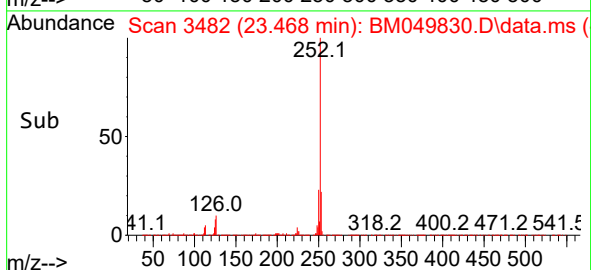
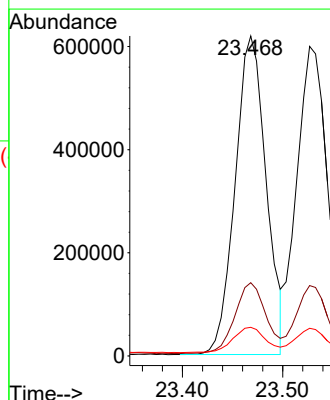
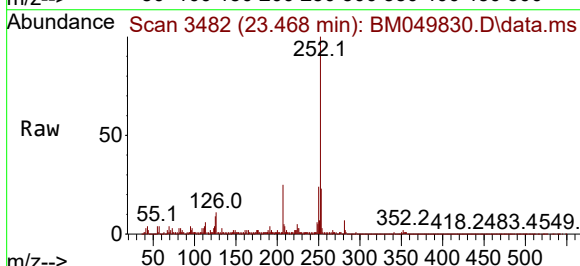
Tgt Ion:252 Resp: 1325891

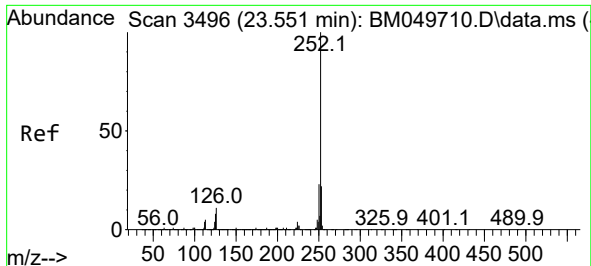
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

125 9.0 5.9 8.9#

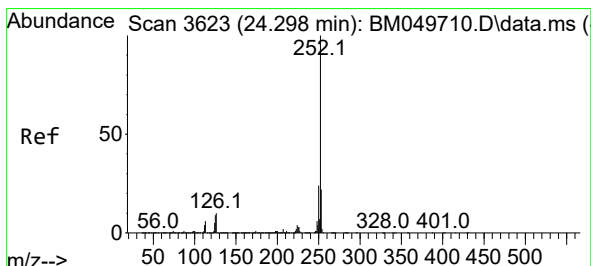
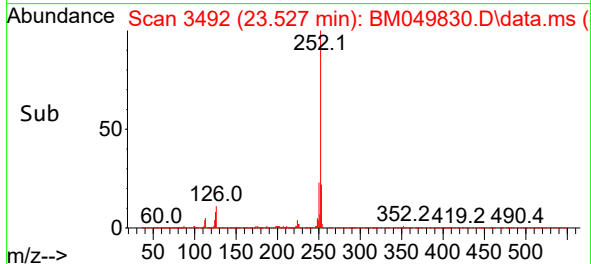
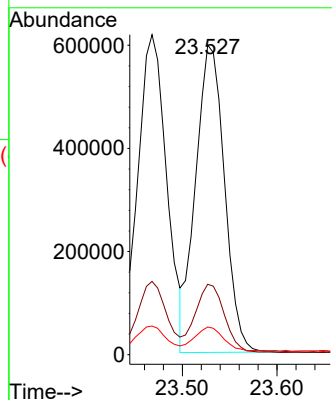
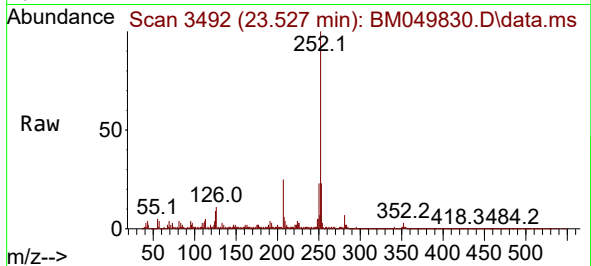




#89
Benzo(k)fluoranthene
Concen: 11.527 ng
RT: 23.527 min Scan# 34
Delta R.T. -0.024 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

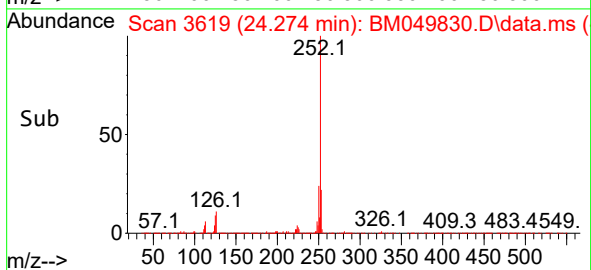
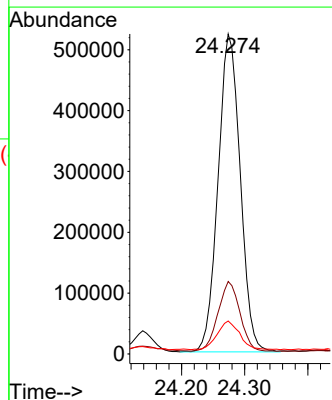
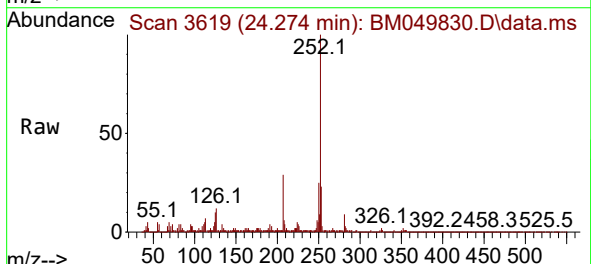
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

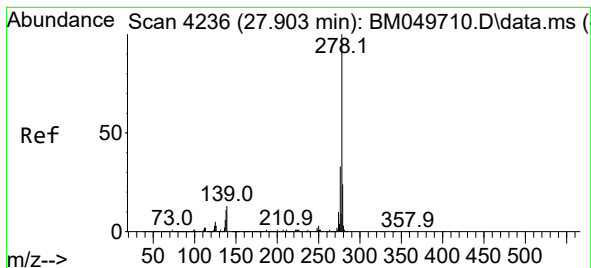
Tgt Ion:252 Resp: 1263449
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 8.9 6.2 9.2



#90
Benzo(a)pyrene
Concen: 13.609 ng
RT: 24.274 min Scan# 3619
Delta R.T. -0.024 min
Lab File: BM049830.D
Acq: 04 Apr 2025 19:16

Tgt Ion:252 Resp: 1273336
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 10.3 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 12.240 ng

RT: 27.868 min Scan# 41

Delta R.T. -0.036 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

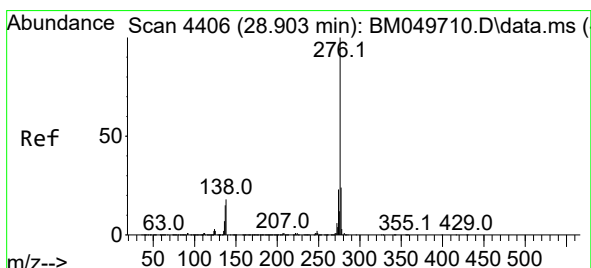
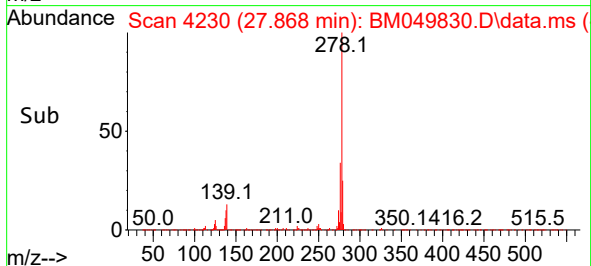
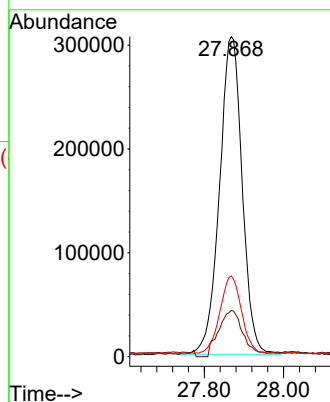
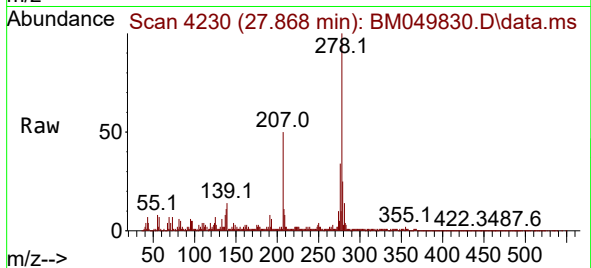
Tgt Ion:278 Resp: 1213990

Ion Ratio Lower Upper

278 100

139 14.4 10.1 15.1

279 25.3 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 12.582 ng

RT: 28.868 min Scan# 4400

Delta R.T. -0.036 min

Lab File: BM049830.D

Acq: 04 Apr 2025 19:16

Tgt Ion:276 Resp: 1256983

Ion Ratio Lower Upper

276 100

277 25.1 18.8 28.2

138 18.4 14.0 21.0

