

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
 Data File : BM049840.D
 Acq On : 07 Apr 2025 15:22
 Operator : RC/JU
 Sample : Q1721-02MS 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-05-040325MS

Quant Time: Apr 07 15:57:37 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	392804	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	1404251	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	888245	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1716279	20.000	ng	-0.02
76) Chrysene-d12	21.409	240	1693342	20.000	ng	-0.02
86) Perylene-d12	24.409	264	1886435	20.000	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1225224	52.631	ng	-0.02
7) Phenol-d6	6.957	99	1535286	52.552	ng	-0.02
23) Nitrobenzene-d5	8.939	82	880861	32.206	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	712614	68.705	ng	-0.02
45) 2-Fluorobiphenyl	13.045	172	2175235	30.670	ng	-0.02
79) Terphenyl-d14	19.792	244	2908837	28.947	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.263	88	185355	18.393	ng	98
3) Pyridine	3.669	79	539454	20.960	ng	97
4) n-Nitrosodimethylamine	3.575	42	220833	19.392	ng	# 86
6) Aniline	7.110	93	565121	23.089	ng	99
8) 2-Chlorophenol	7.351	128	654462	28.389	ng	96
9) Benzaldehyde	6.922	77	348406	24.123	ng	95
10) Phenol	6.987	94	771862	27.247	ng	93
11) bis(2-Chloroethyl)ether	7.204	93	592450	25.827	ng	97
12) 1,3-Dichlorobenzene	7.675	146	726775	25.941	ng	97
13) 1,4-Dichlorobenzene	7.816	146	731656	25.887	ng	98
14) 1,2-Dichlorobenzene	8.134	146	703837	26.203	ng	98
15) Benzyl Alcohol	8.022	79	506673	27.636	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.310	45	680133	25.226	ng	99
17) 2-Methylphenol	8.234	107	494812	29.421	ng	95
18) Hexachloroethane	8.863	117	251351	25.183	ng	90
19) n-Nitroso-di-n-propyla...	8.586	70	423645	25.008	ng	97
20) 3+4-Methylphenols	8.557	107	672290	29.829	ng	97
22) Acetophenone	8.604	105	869534	24.015	ng	97
24) Nitrobenzene	8.981	77	613433	23.786	ng	92
25) Isophorone	9.510	82	1154874	27.501	ng	96
26) 2-Nitrophenol	9.692	139	367434	33.474	ng	94
27) 2,4-Dimethylphenol	9.757	122	560761	40.134	ng	95
28) bis(2-Chloroethoxy)met...	9.992	93	735485	24.867	ng	98
29) 2,4-Dichlorophenol	10.228	162	673450	29.580	ng	97
30) 1,2,4-Trichlorobenzene	10.445	180	725722	25.477	ng	99
31) Naphthalene	10.628	128	1824307	25.265	ng	99
32) Benzoic acid	9.757	122	560761	47.191	ng	# 12
33) 4-Chloroaniline	10.733	127	487832	19.796	ng	98
34) Hexachlorobutadiene	10.922	225	452652	25.741	ng	99
35) Caprolactam	11.516	113	182886	34.599	ng	87
36) 4-Chloro-3-methylphenol	11.869	107	563512	28.841	ng	98
37) 2-Methylnaphthalene	12.245	142	1200338	23.773	ng	98
38) 1-Methylnaphthalene	12.463	142	1258072	25.826	ng	98
40) 1,2,4,5-Tetrachloroben...	12.616	216	803247	24.619	ng	99
41) Hexachlorocyclopentadiene	12.598	237	235515	19.485	ng	100
43) 2,4,6-Trichlorophenol	12.857	196	594044	32.509	ng	98

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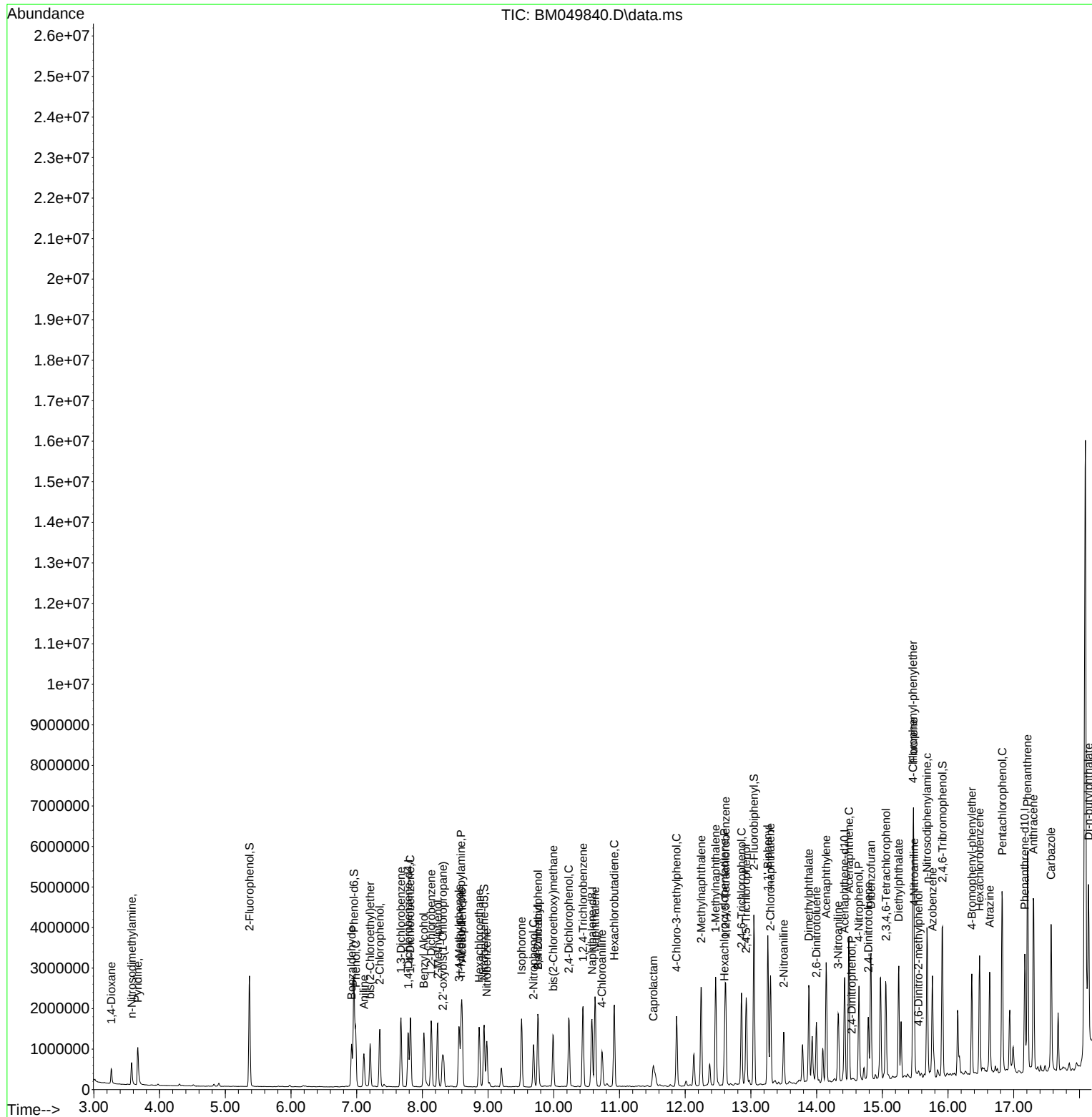
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	641644	32.177	ng	99
46) 1,1'-Biphenyl	13.257	154	1728179	25.244	ng	99
47) 2-Chloronaphthalene	13.298	162	1361107	25.544	ng	99
48) 2-Nitroaniline	13.498	65	322997	27.002	ng	90
49) Acenaphthylene	14.145	152	2086203	28.010	ng	99
50) Dimethylphthalate	13.880	163	1592660	26.043	ng	100
51) 2,6-Dinitrotoluene	13.998	165	336940	27.497	ng	# 86
52) Acenaphthene	14.492	154	1288995	26.384	ng	99
53) 3-Nitroaniline	14.327	138	289665	24.841	ng	92
54) 2,4-Dinitrophenol	14.533	184	11567	5.415	ng	95
55) Dibenzofuran	14.827	168	2094904	25.733	ng	98
56) 4-Nitrophenol	14.645	139	645977	63.643	ng	89
57) 2,4-Dinitrotoluene	14.786	165	452917	28.724	ng	92
58) Fluorene	15.474	166	1780330	26.860	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	535877	32.104	ng	99
60) Diethylphthalate	15.251	149	1509646	26.210	ng	97
61) 4-Chlorophenyl-phenyle...	15.468	204	866175	23.932	ng	95
62) 4-Nitroaniline	15.486	138	344075	26.616	ng	91
63) Azobenzene	15.763	77	1370571	24.912	ng	93
65) 4,6-Dinitro-2-methylph...	15.551	198	32208	7.036	ng	82
66) n-Nitrosodiphenylamine	15.680	169	1397700	26.879	ng	98
67) 4-Bromophenyl-phenylether	16.362	248	519400	26.212	ng	98
68) Hexachlorobenzene	16.480	284	593045	26.614	ng	98
69) Atrazine	16.633	200	483864	42.222	ng	99
70) Pentachlorophenol	16.827	266	873322	62.366	ng	98
71) Phenanthrene	17.209	178	3346295	35.113	ng	100
72) Anthracene	17.298	178	2740257	29.690	ng	99
73) Carbazole	17.568	167	2370604	28.362	ng	100
74) Di-n-butylphthalate	18.139	149	2609863	28.488	ng	99
75) Fluoranthene	19.227	202	3769266	34.354	ng	100
77) Benzidine	19.409	184	364922	17.938	ng	# 75
78) Pyrene	19.592	202	3702863	31.299	ng	100
80) Butylbenzylphthalate	20.492	149	1174213	31.982	ng	95
81) Benzo(a)anthracene	21.392	228	3352891	29.644	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	602033	16.349	ng	99
83) Chrysene	21.450	228	3024622	28.211	ng	99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1737937	30.373	ng	98
85) Di-n-octyl phthalate	22.450	149	2983839	33.551	ng	# 96
87) Indeno(1,2,3-cd)pyrene	27.809	276	3814615	28.095	ng	99
88) Benzo(b)fluoranthene	23.462	252	3377304	26.581	ng	98
89) Benzo(k)fluoranthene	23.527	252	3109134	24.868	ng	98
90) Benzo(a)pyrene	24.274	252	3159107	29.601	ng	99
91) Dibenzo(a,h)anthracene	27.868	278	2987633	26.410	ng	100
92) Benzo(g,h,i)perylene	28.868	276	3065814	26.906	ng	98

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

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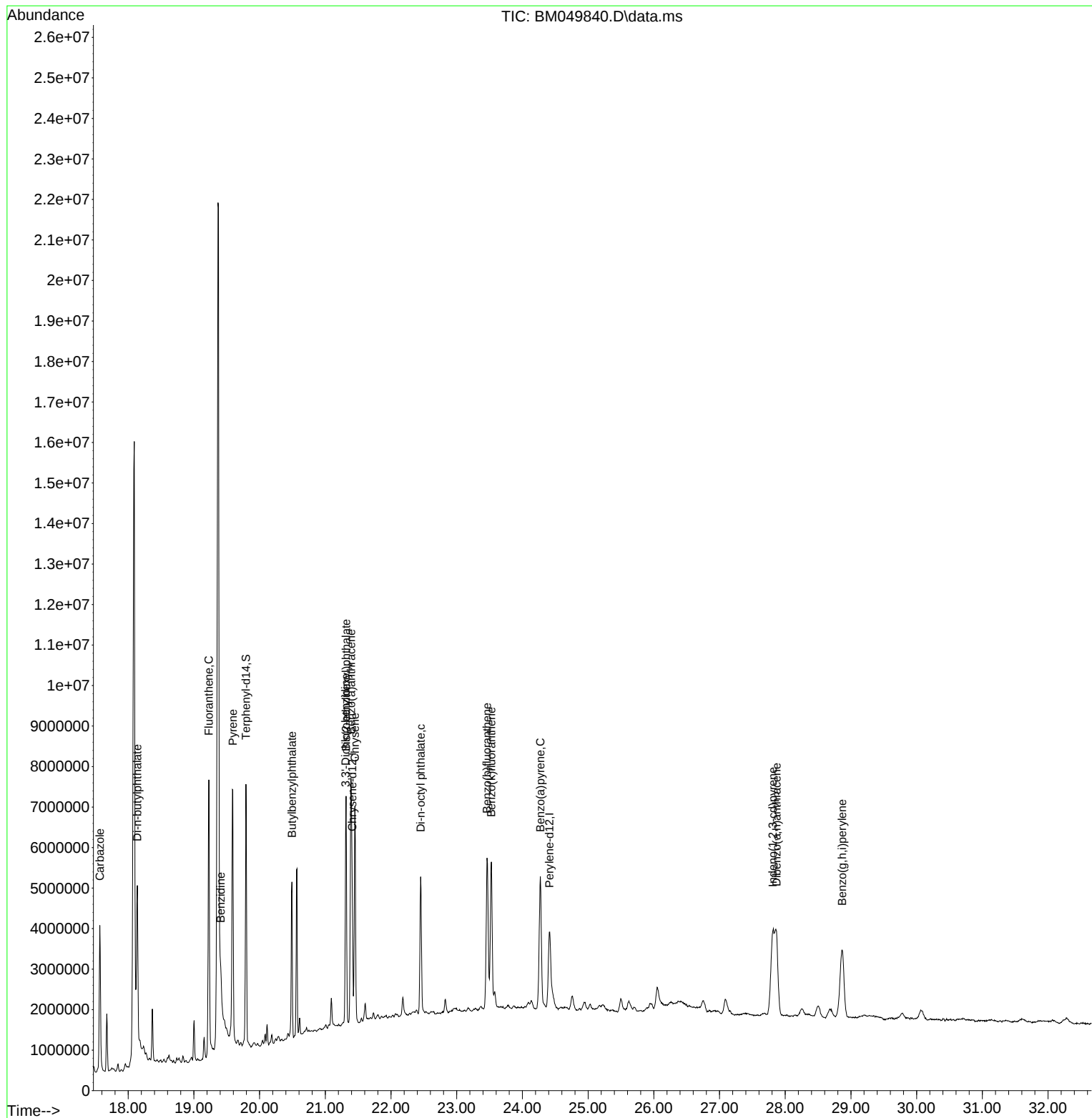
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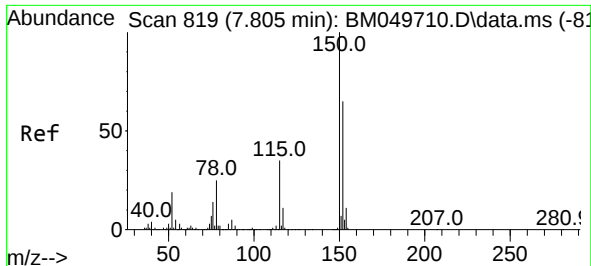


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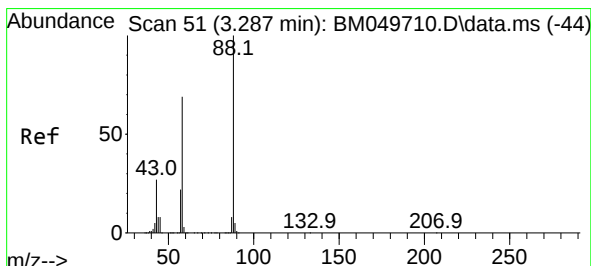
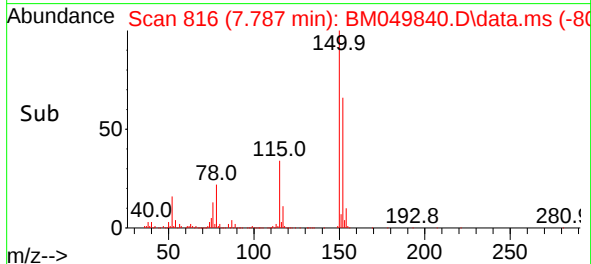
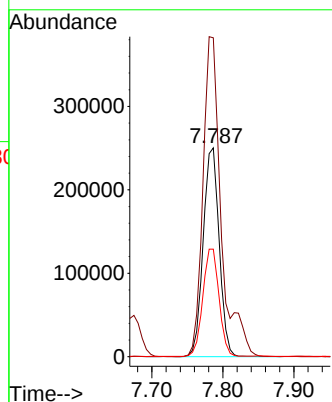
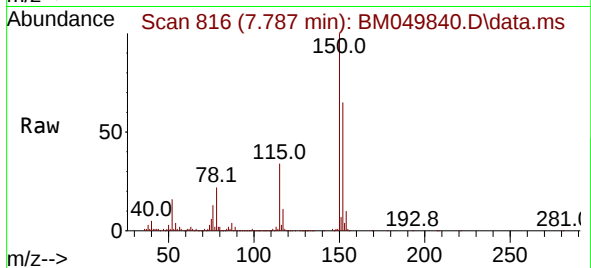




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BM049840.D
 Acq: 07 Apr 2025 15:22

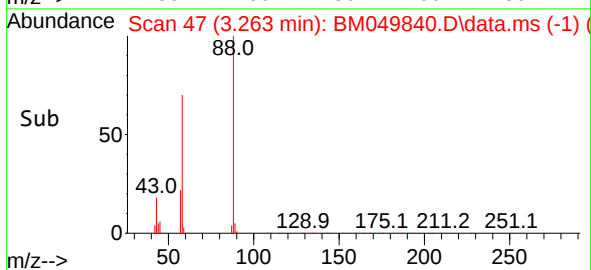
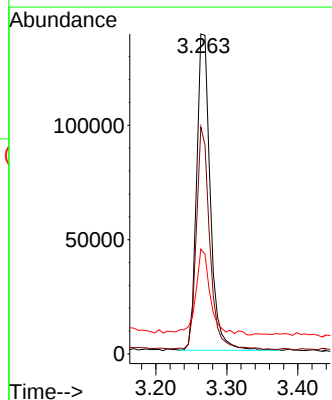
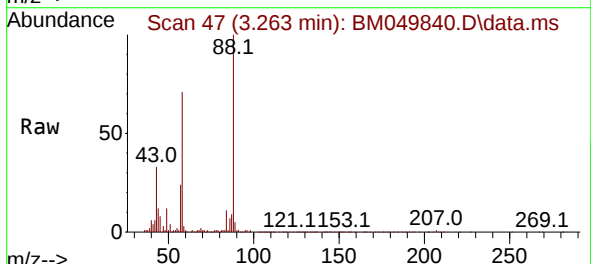
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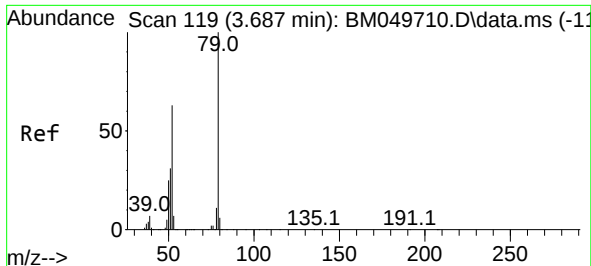
Tgt Ion:152 Resp: 392804
 Ion Ratio Lower Upper
 152 100
 150 152.7 123.8 185.8
 115 51.5 43.0 64.6



#2
 1,4-Dioxane
 Concen: 18.393 ng
 RT: 3.263 min Scan# 47
 Delta R.T. -0.024 min
 Lab File: BM049840.D
 Acq: 07 Apr 2025 15:22

Tgt Ion: 88 Resp: 185355
 Ion Ratio Lower Upper
 88 100
 58 69.1 56.7 85.1
 43 29.3 22.6 34.0

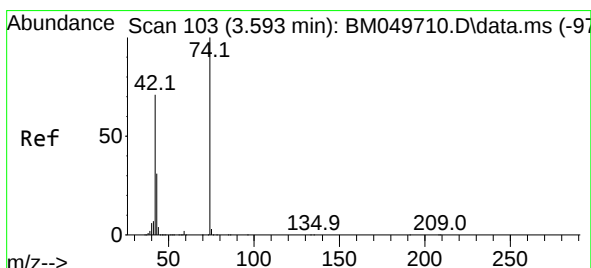
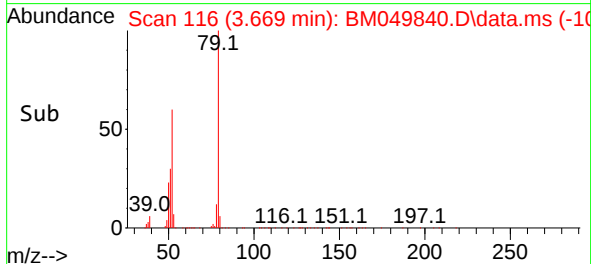
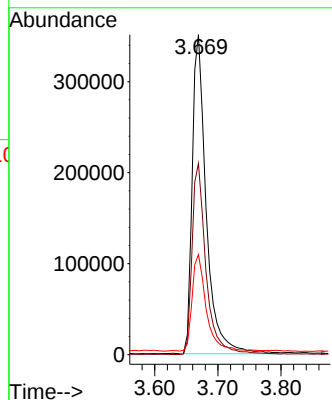
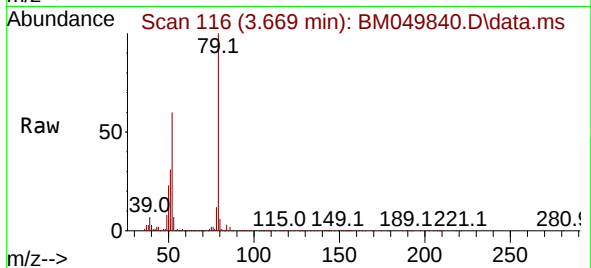




#3
Pyridine
Concen: 20.960 ng
RT: 3.669 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

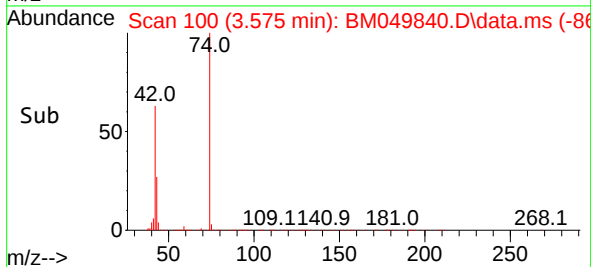
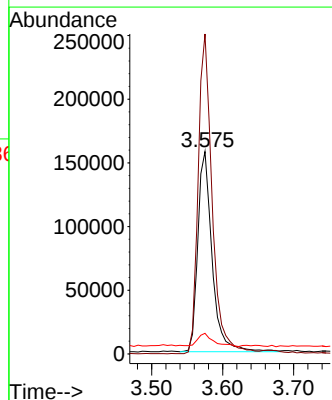
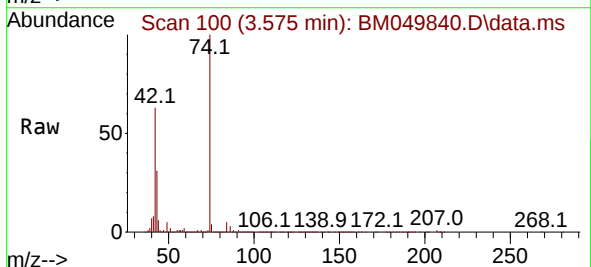
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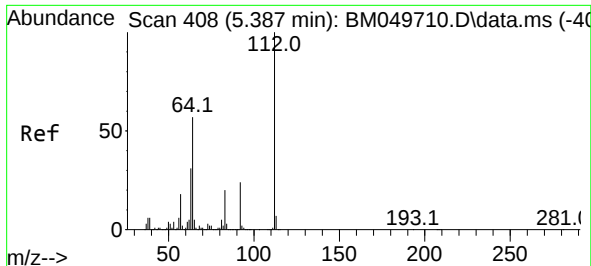
Tgt Ion: 79 Resp: 539454
Ion Ratio Lower Upper
79 100
52 59.8 50.1 75.1
51 31.3 25.2 37.8



#4
n-Nitrosodimethylamine
Concen: 19.392 ng
RT: 3.575 min Scan# 100
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion: 42 Resp: 220833
Ion Ratio Lower Upper
42 100
74 158.1 112.6 168.8
44 10.2 5.0 7.6

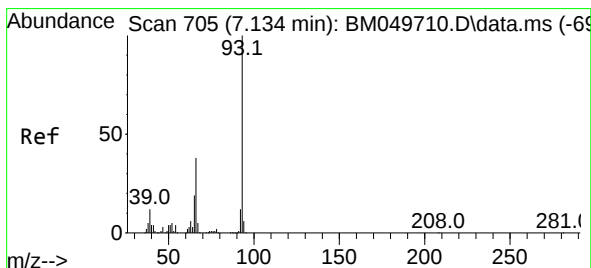
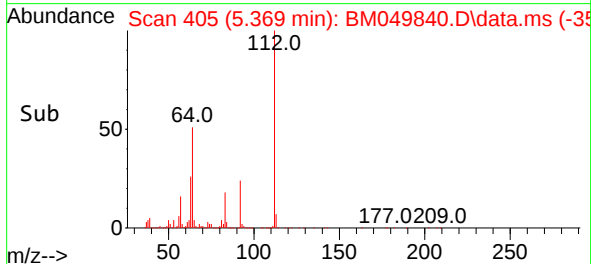
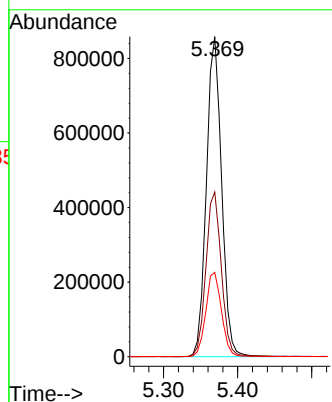
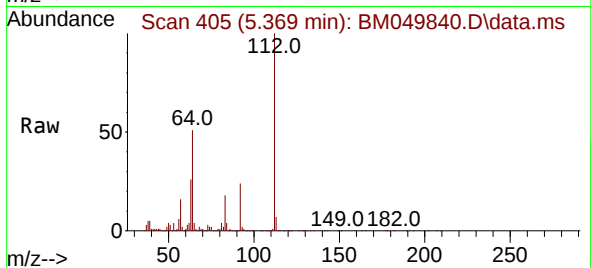




#5
2-Fluorophenol
Concen: 52.631 ng
RT: 5.369 min Scan# 408
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

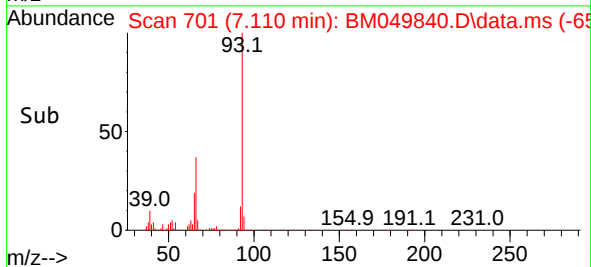
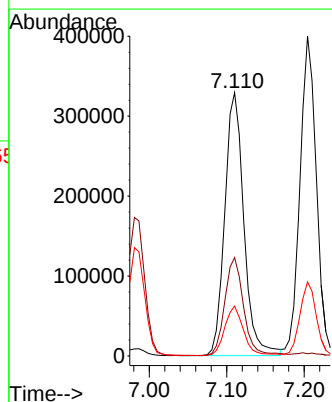
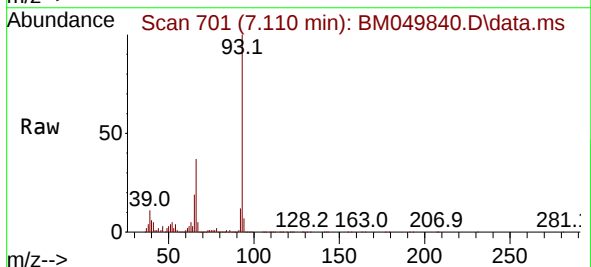
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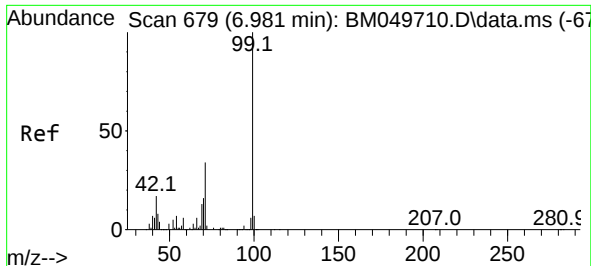
Tgt Ion:112 Resp: 1225224
Ion Ratio Lower Upper
112 100
64 51.5 45.3 67.9
63 26.4 24.4 36.6



#6
Aniline
Concen: 23.089 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion: 93 Resp: 565121
Ion Ratio Lower Upper
93 100
66 37.4 30.6 46.0
65 18.9 15.4 23.2

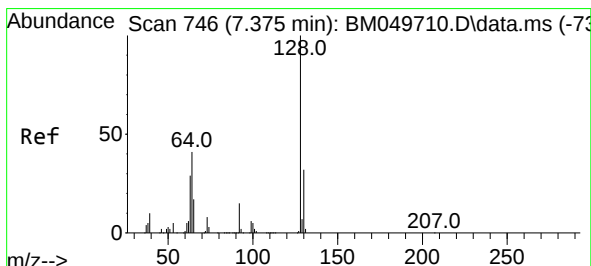
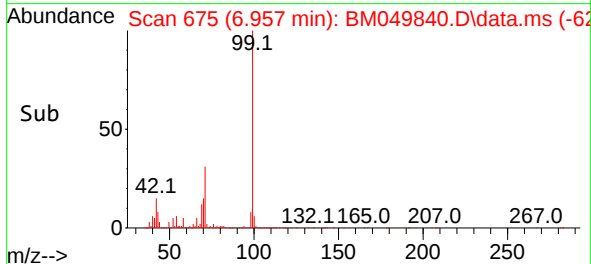
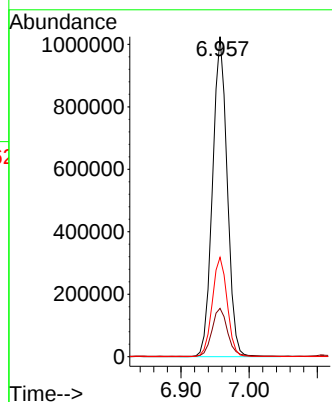
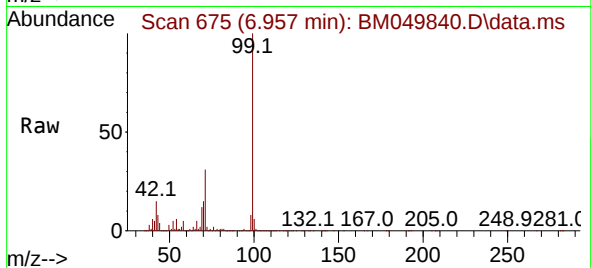




#7
Phenol-d6
Concen: 52.552 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

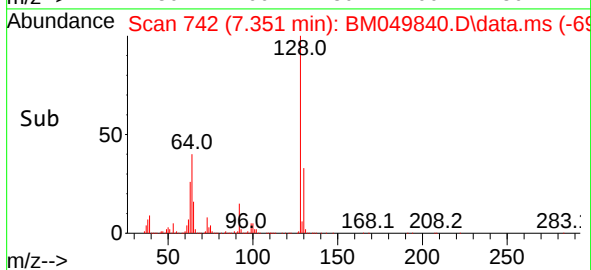
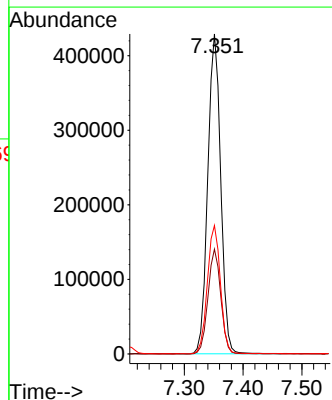
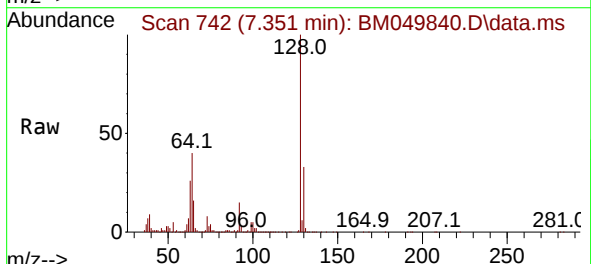
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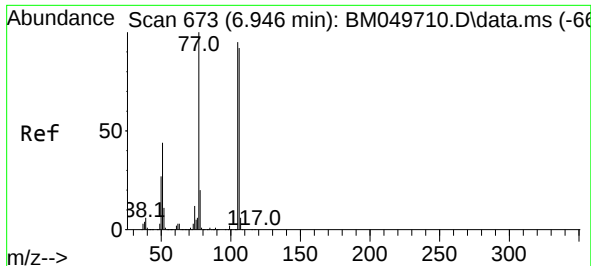
Tgt Ion: 99 Resp: 1535286
Ion Ratio Lower Upper
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42 15.1 13.6 20.4
71 31.0 27.0 40.6



#8
2-Chlorophenol
Concen: 28.389 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion: 128 Resp: 654462
Ion Ratio Lower Upper
128 100
130 32.8 12.5 52.5
64 40.1 24.9 64.9

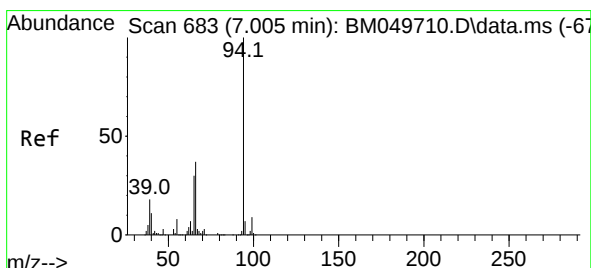
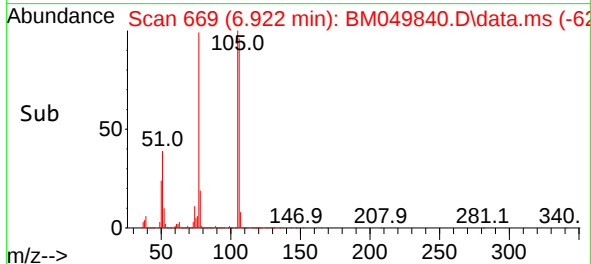
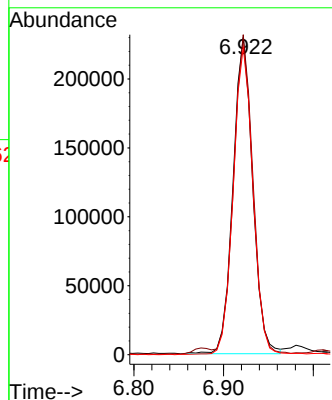
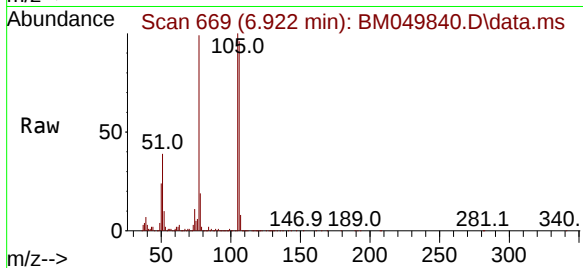




#9
Benzaldehyde
Concen: 24.123 ng
RT: 6.922 min Scan# 609
Delta R.T. -0.024 min
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Acq: 07 Apr 2025 15:22

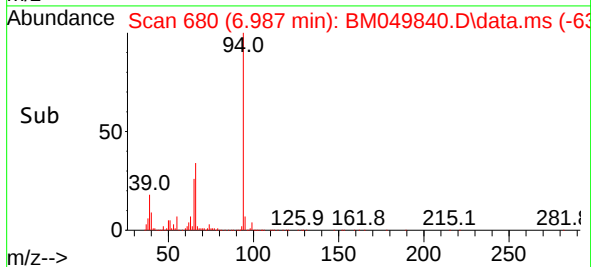
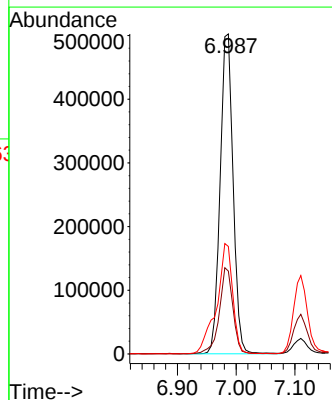
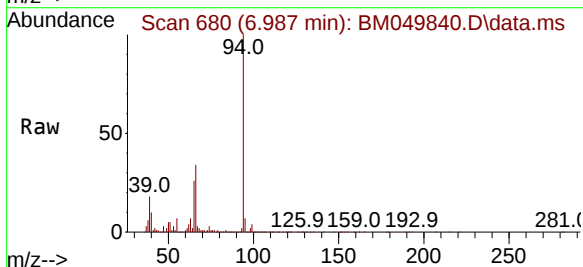
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

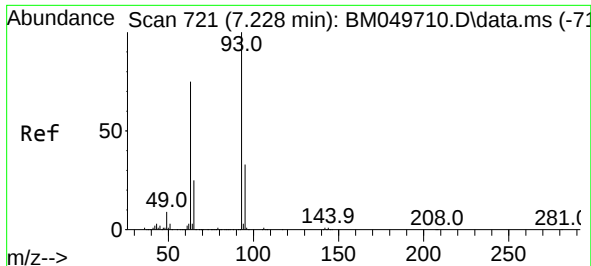
Tgt Ion: 77 Resp: 348406
Ion Ratio Lower Upper
77 100
105 100.8 75.0 115.0
106 96.9 72.3 112.3



#10
Phenol
Concen: 27.247 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion: 94 Resp: 771862
Ion Ratio Lower Upper
94 100
65 25.9 10.4 50.4
66 33.6 17.1 57.1

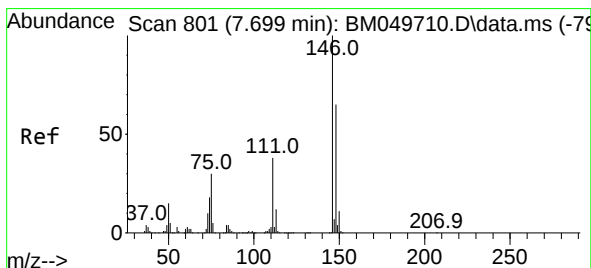
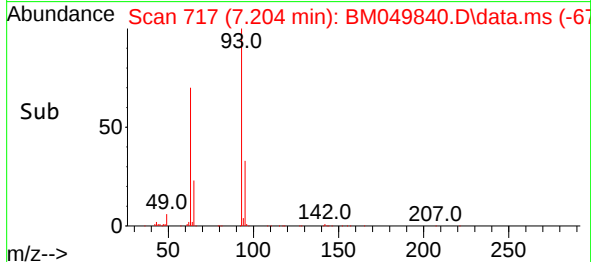
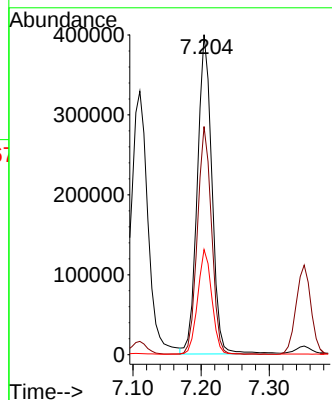
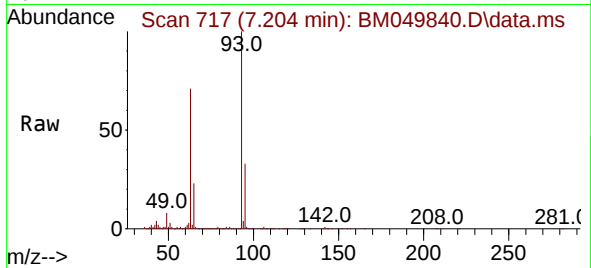




#11
bis(2-Chloroethyl)ether
Concen: 25.827 ng
RT: 7.204 min Scan# 717
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

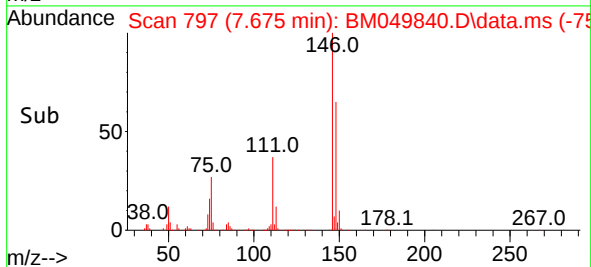
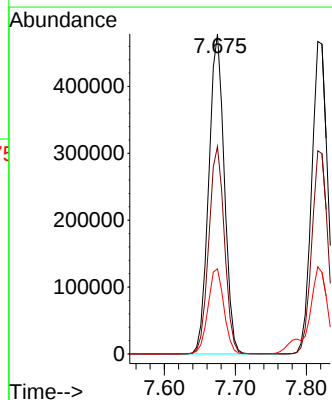
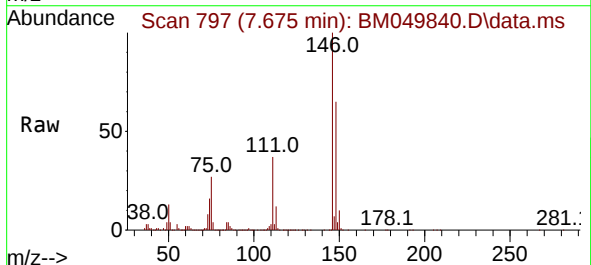
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

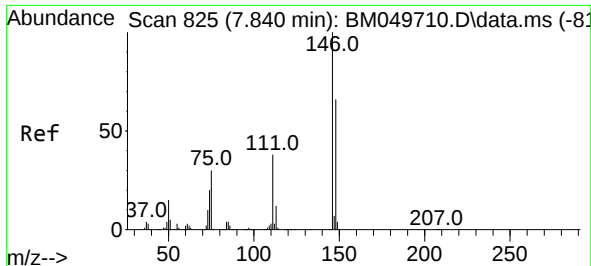
Tgt Ion: 93 Resp: 592450
Ion Ratio Lower Upper
93 100
63 71.3 54.8 94.8
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 25.941 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion:146 Resp: 726775
Ion Ratio Lower Upper
146 100
148 64.9 52.3 78.5
75 26.6 24.2 36.2

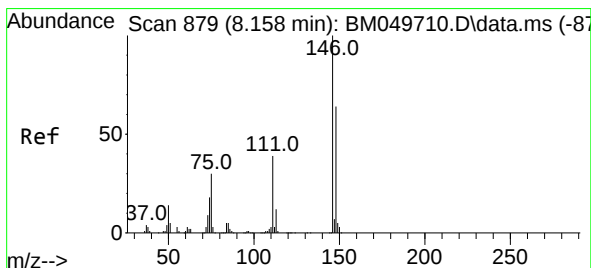
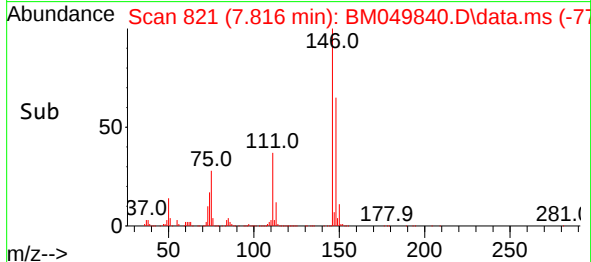
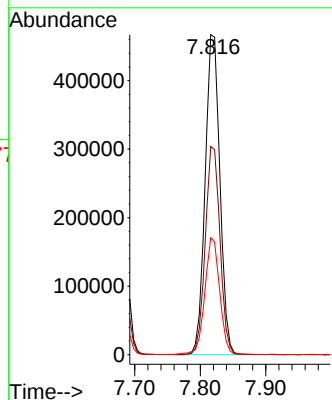
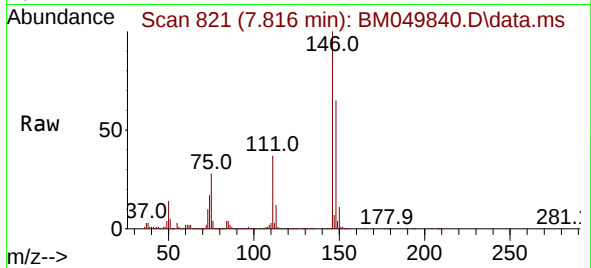




#13
1,4-Dichlorobenzene
Concen: 25.887 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

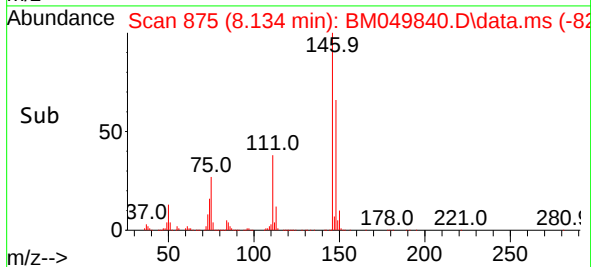
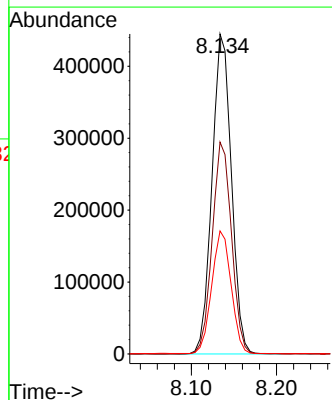
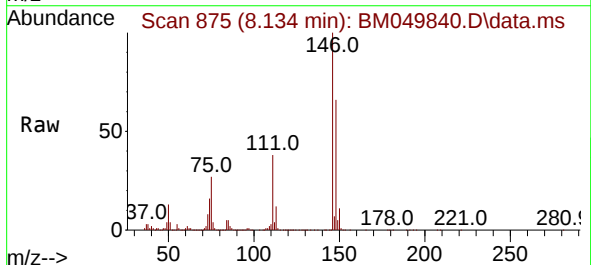
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

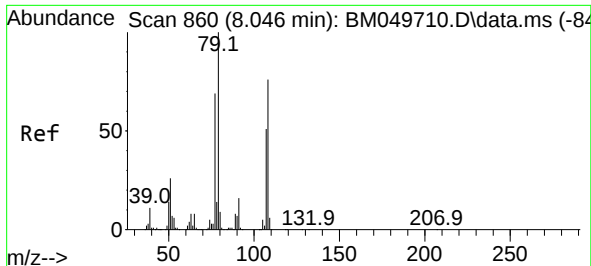
Tgt Ion:146 Resp: 731656
Ion Ratio Lower Upper
146 100
148 65.1 52.6 79.0
111 36.6 30.8 46.2



#14
1,2-Dichlorobenzene
Concen: 26.203 ng
RT: 8.134 min Scan# 875
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion:146 Resp: 703837
Ion Ratio Lower Upper
146 100
148 66.2 50.9 76.3
111 38.5 31.0 46.6

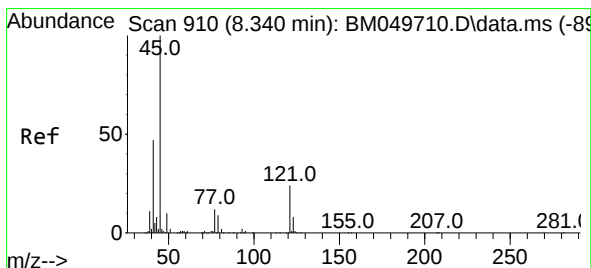
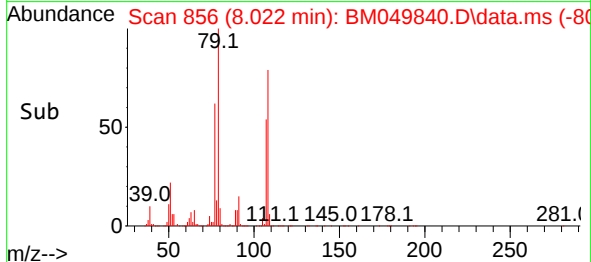
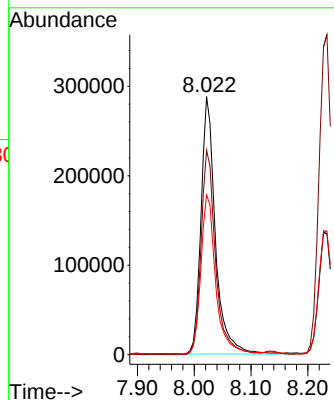
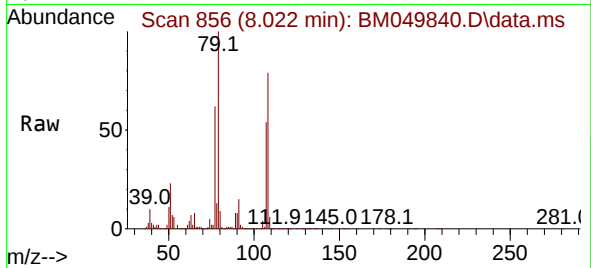




#15
Benzyl Alcohol
Concen: 27.636 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

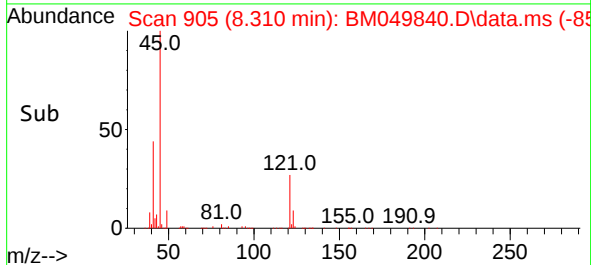
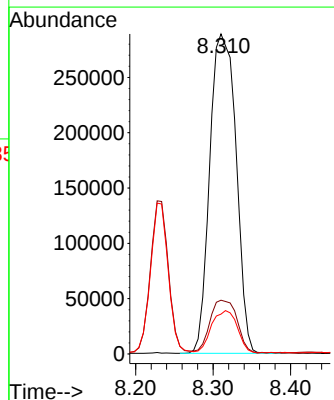
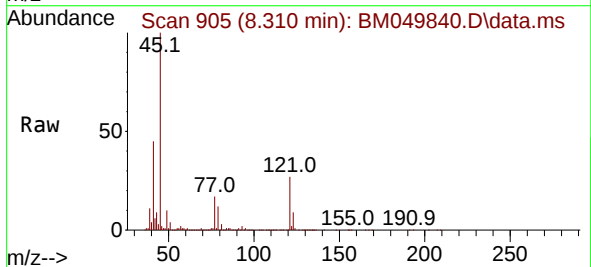
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

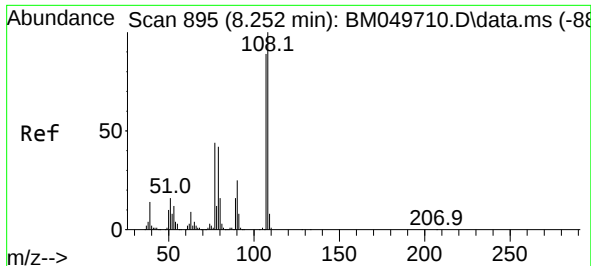
Tgt Ion: 79 Resp: 506673
Ion Ratio Lower Upper
79 100
108 79.2 60.7 91.1
77 61.9 55.4 83.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 25.226 ng
RT: 8.310 min Scan# 905
Delta R.T. -0.030 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

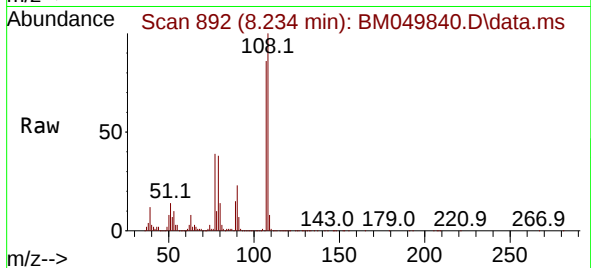
Tgt Ion: 45 Resp: 680133
Ion Ratio Lower Upper
45 100
77 16.8 0.0 36.1
79 12.5 0.0 32.8



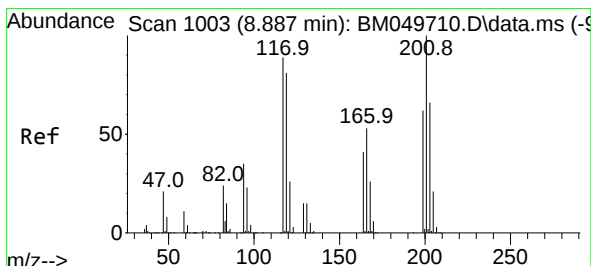
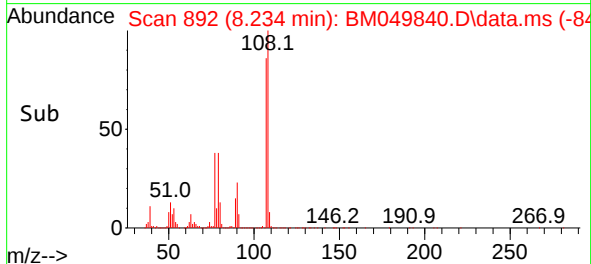
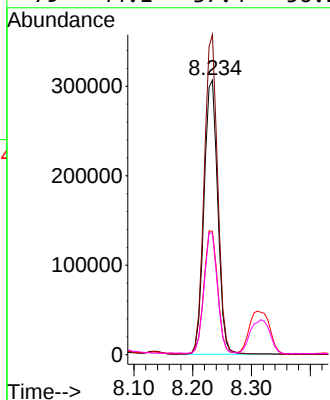


#17
2-Methylphenol
Concen: 29.421 ng
RT: 8.234 min Scan# 895
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

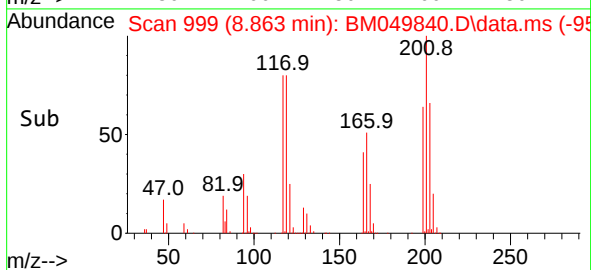
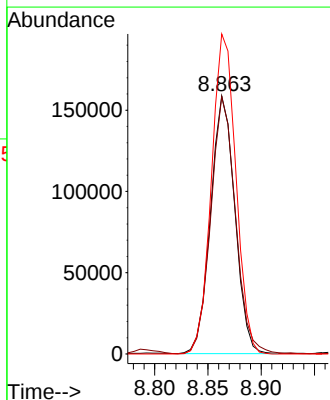
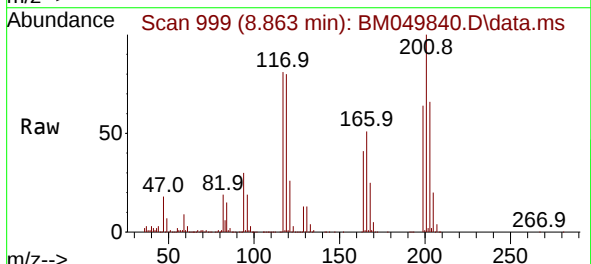


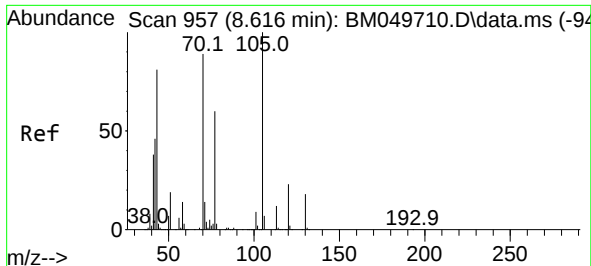
Tgt Ion:	107	Resp:	494812
Ion	Ratio	Lower	Upper
107	100		
108	116.5	89.6	134.4
77	44.9	39.8	59.6
79	44.1	37.4	56.2



#18
Hexachloroethane
Concen: 25.183 ng
RT: 8.863 min Scan# 999
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion:	117	Resp:	251351
Ion	Ratio	Lower	Upper
117	100		
119	99.6	73.1	109.7
201	124.0	90.0	135.0

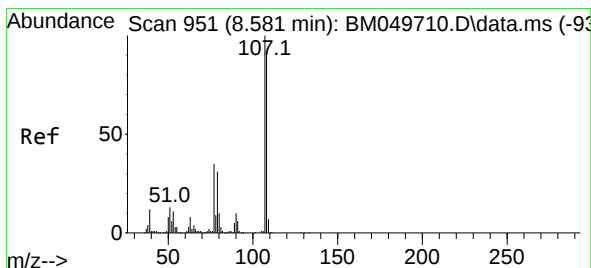
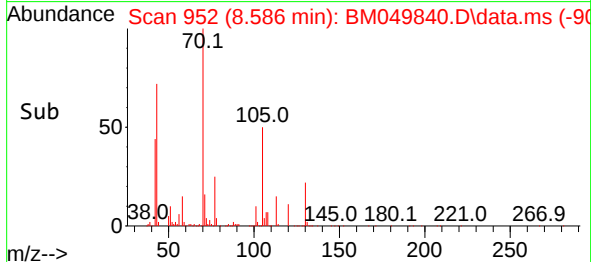
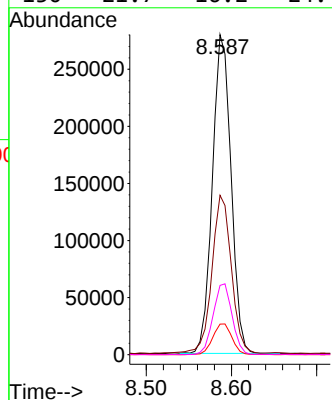
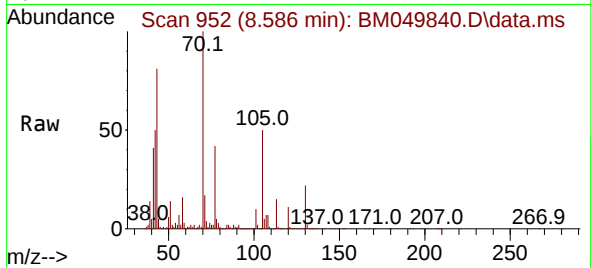




#19
n-Nitroso-di-n-propylamine
Concen: 25.008 ng
RT: 8.586 min Scan# 911
Delta R.T. -0.030 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

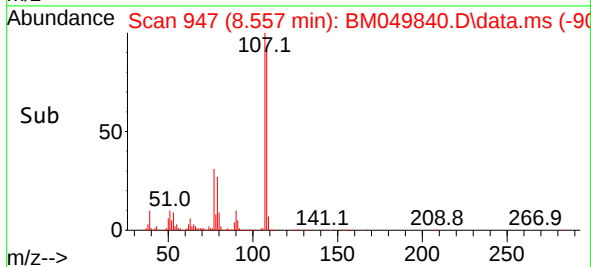
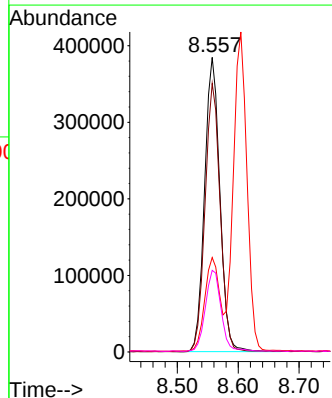
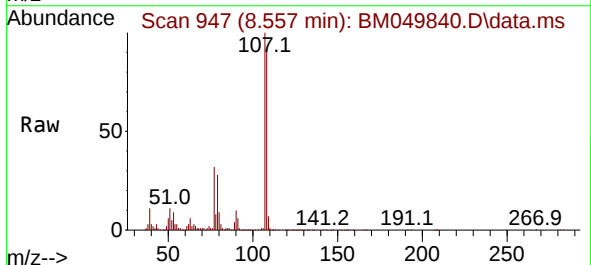
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

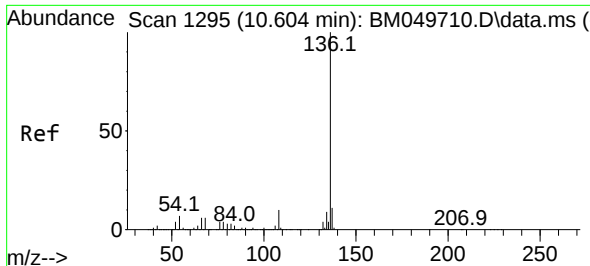
Tgt Ion: 70 Resp: 423645
Ion Ratio Lower Upper
70 100
42 49.8 41.8 62.6
101 9.6 7.7 11.5
130 21.7 16.2 24.4



#20
3+4-Methylphenols
Concen: 29.829 ng
RT: 8.557 min Scan# 947
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion: 107 Resp: 672290
Ion Ratio Lower Upper
107 100
108 91.1 71.0 111.0
77 32.0 15.1 55.1
79 27.7 11.2 51.2



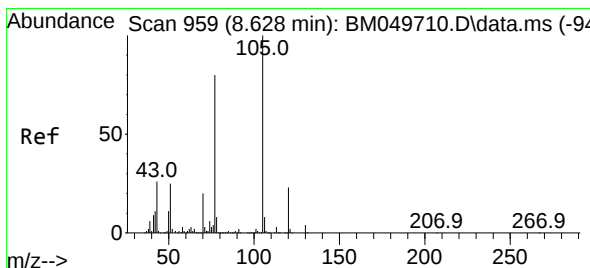
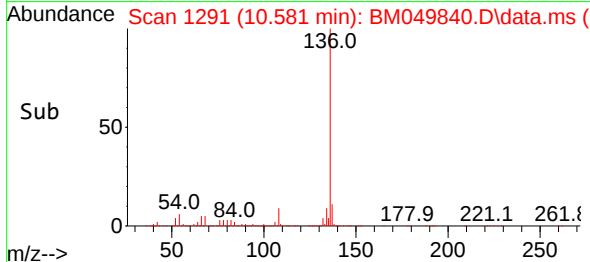
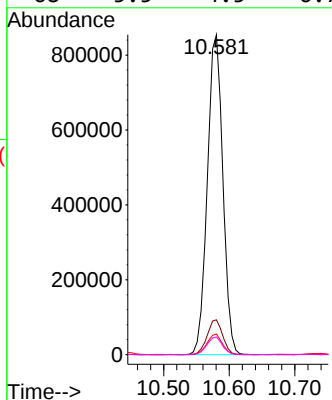
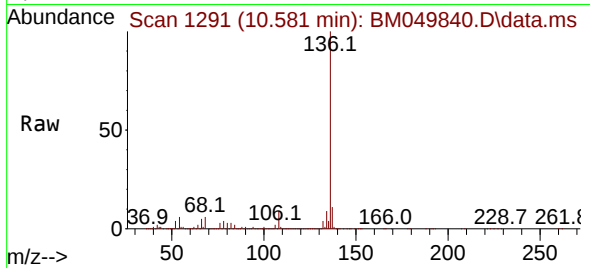


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

Tgt Ion:136 Resp: 1404251

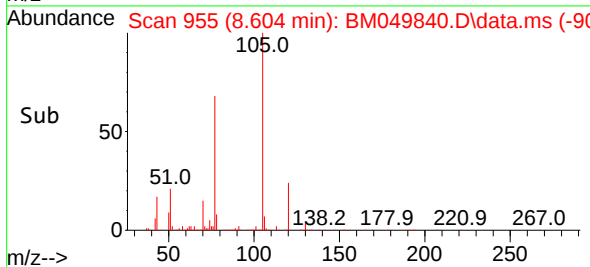
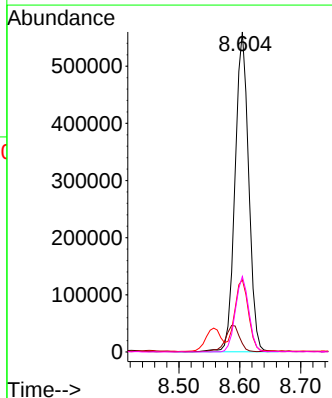
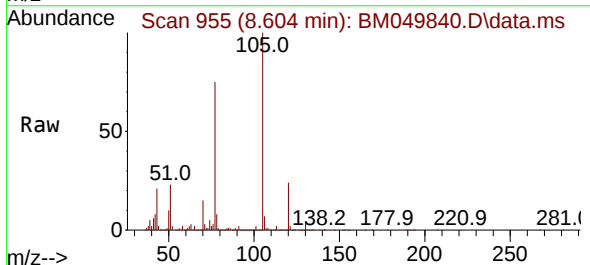
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.5	5.8	8.8
68	5.5	4.5	6.7

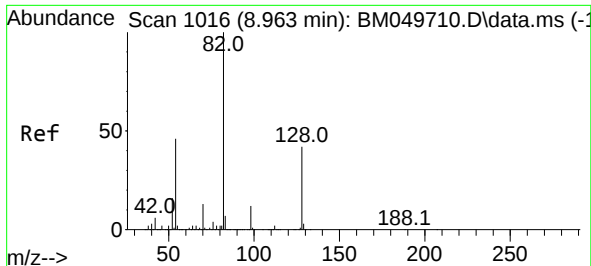


#22
Acetophenone
Concen: 24.015 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion:105 Resp: 869534

Ion	Ratio	Lower	Upper
105	100		
71	2.7	2.5	3.7
51	22.5	19.9	29.9
120	23.6	18.3	27.5





#23

Nitrobenzene-d5

Concen: 32.206 ng

RT: 8.939 min Scan# 1012

Delta R.T. -0.024 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

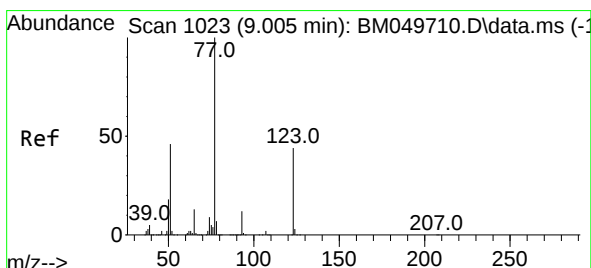
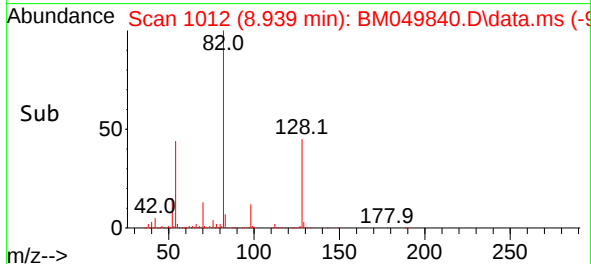
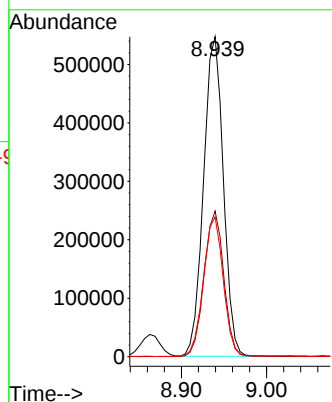
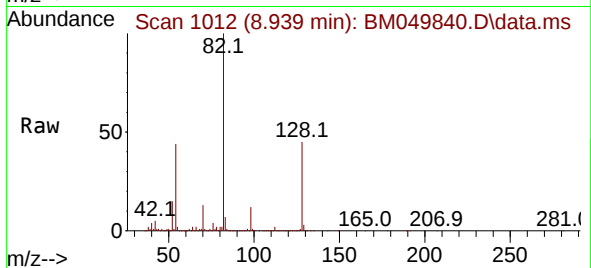
Tgt Ion: 82 Resp: 880861

Ion Ratio Lower Upper

82 100

128 45.5 33.4 50.0

54 43.7 36.4 54.6



#24

Nitrobenzene

Concen: 23.786 ng

RT: 8.981 min Scan# 1019

Delta R.T. -0.024 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

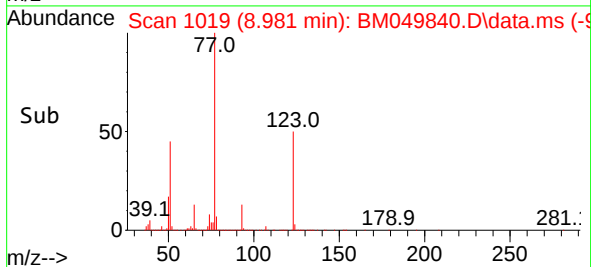
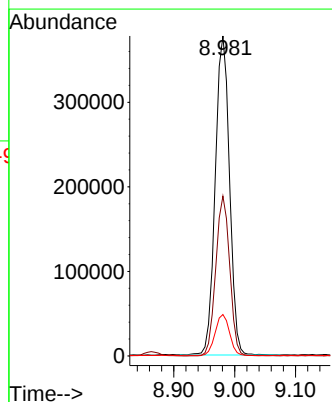
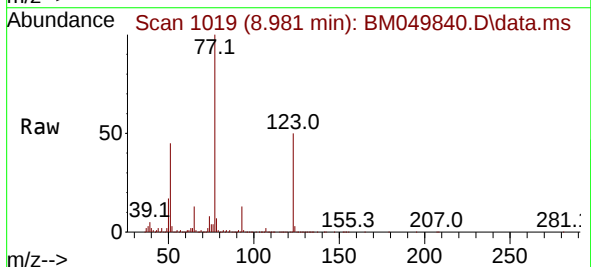
Tgt Ion: 77 Resp: 613433

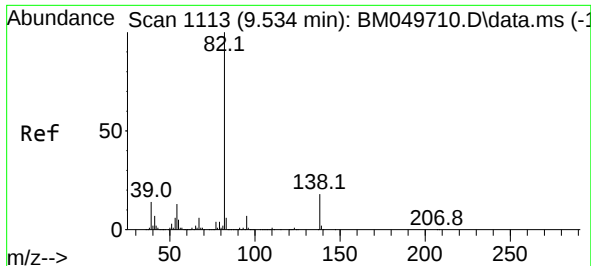
Ion Ratio Lower Upper

77 100

123 49.9 34.9 52.3

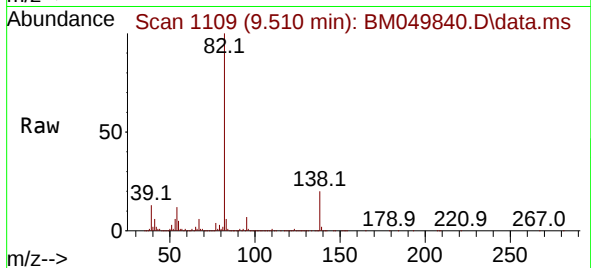
65 13.0 10.6 15.8



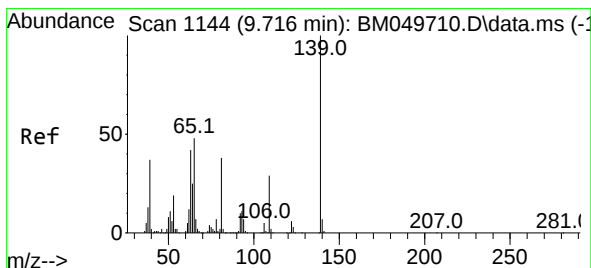
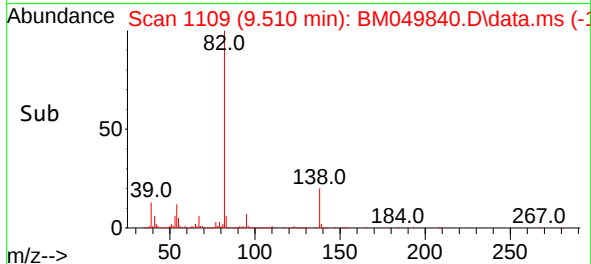
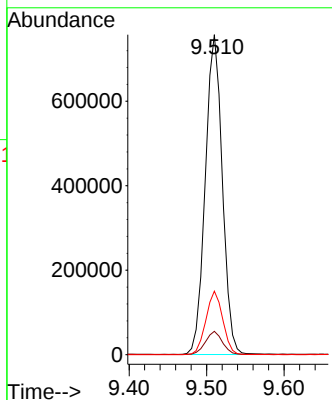


#25
Isophorone
Concen: 27.501 ng
RT: 9.510 min Scan# 1109
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

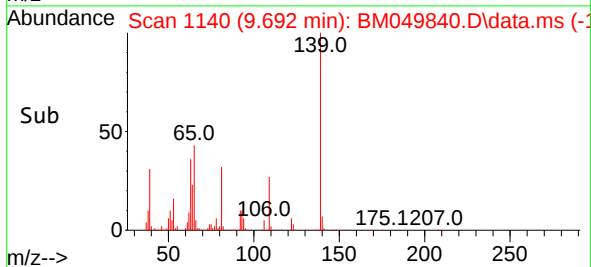
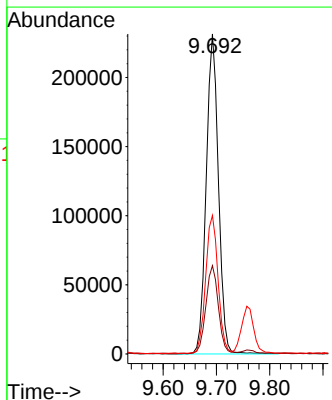
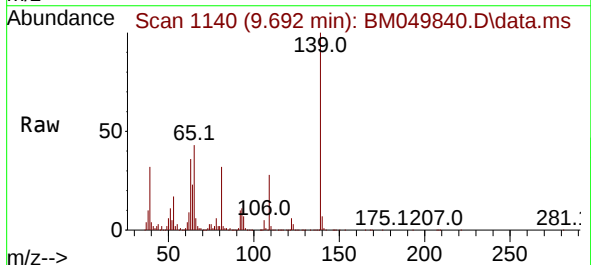


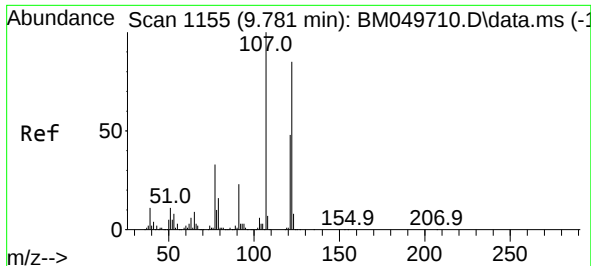
Tgt Ion: 82 Resp: 1154874
Ion Ratio Lower Upper
82 100
95 7.3 5.3 7.9
138 19.8 14.4 21.6



#26
2-Nitrophenol
Concen: 33.474 ng
RT: 9.692 min Scan# 1140
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion:139 Resp: 367434
Ion Ratio Lower Upper
139 100
109 27.6 23.3 34.9
65 43.3 38.6 58.0

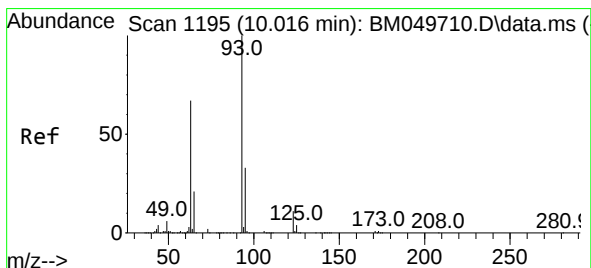
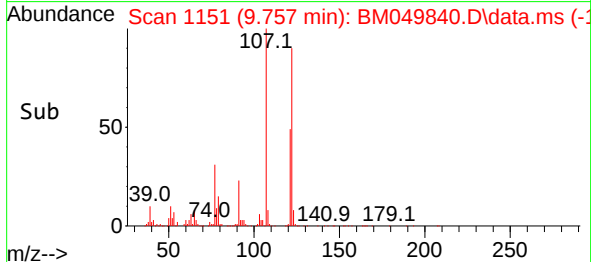
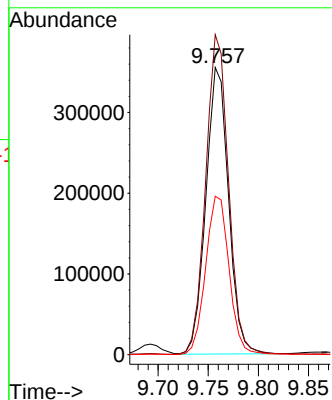
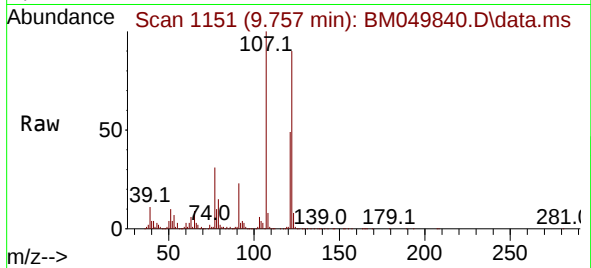




#27
2,4-Dimethylphenol
Concen: 40.134 ng
RT: 9.757 min Scan# 1151
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

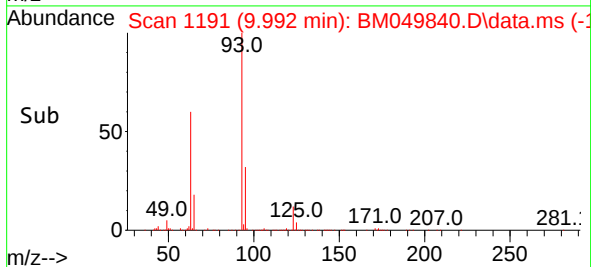
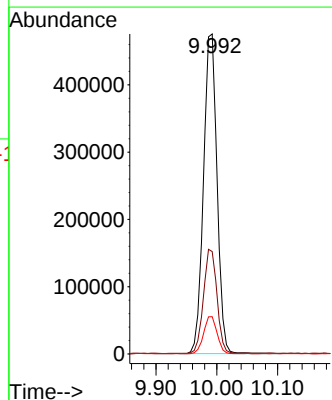
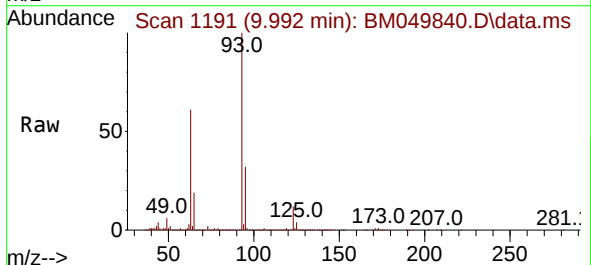
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

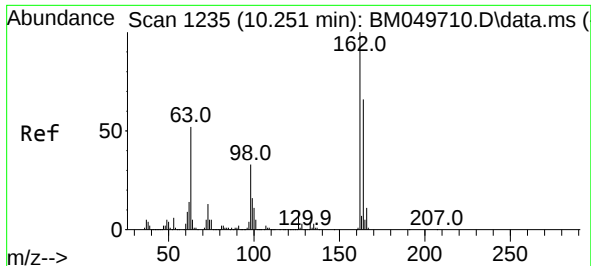
Tgt Ion:122 Resp: 560761
Ion Ratio Lower Upper
122 100
107 111.4 94.3 141.5
121 55.2 45.4 68.2



#28
bis(2-Chloroethoxy)methane
Concen: 24.867 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion: 93 Resp: 735485
Ion Ratio Lower Upper
93 100
95 32.0 26.6 40.0
123 11.7 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 29.580 ng

RT: 10.228 min Scan# 1231

Delta R.T. -0.024 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

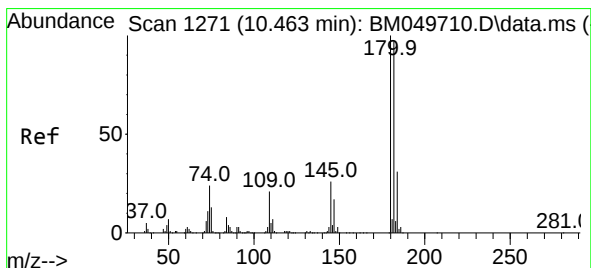
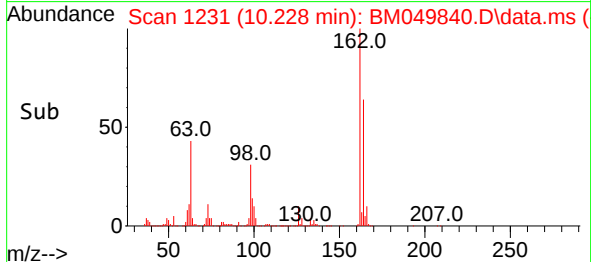
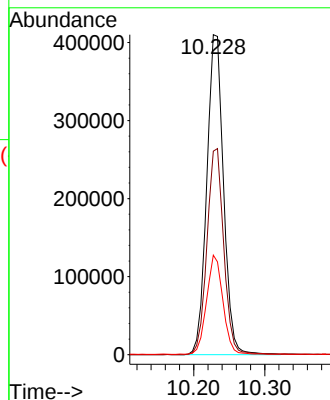
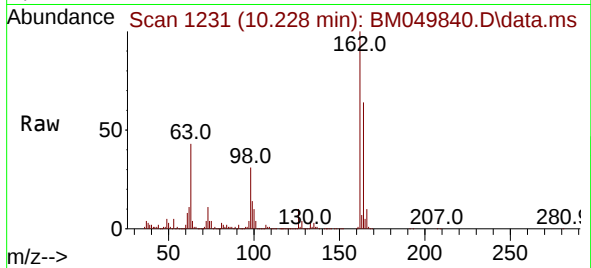
Tgt Ion:162 Resp: 673450

Ion Ratio Lower Upper

162 100

164 63.6 46.3 86.3

98 31.1 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 25.477 ng

RT: 10.445 min Scan# 1268

Delta R.T. -0.018 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

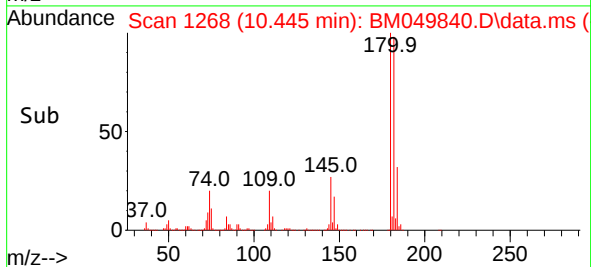
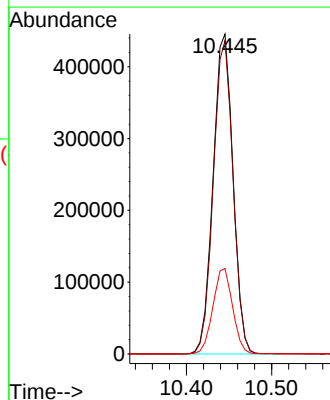
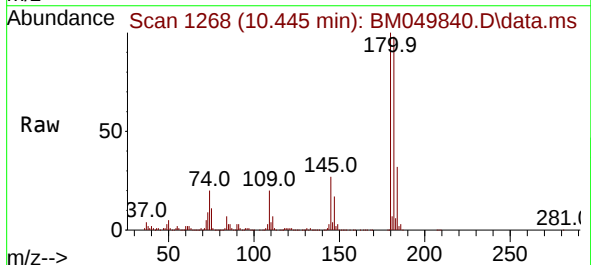
Tgt Ion:180 Resp: 725722

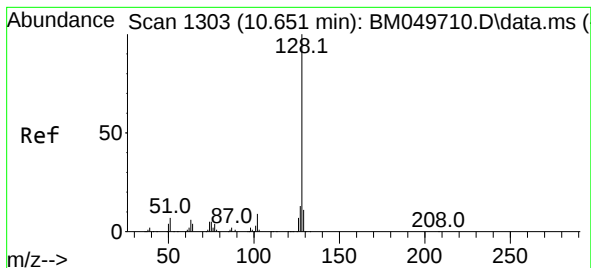
Ion Ratio Lower Upper

180 100

182 98.0 77.7 116.5

145 26.7 21.0 31.4

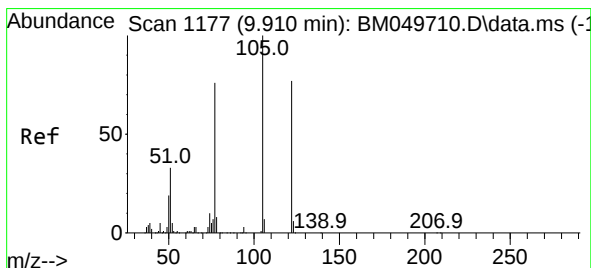
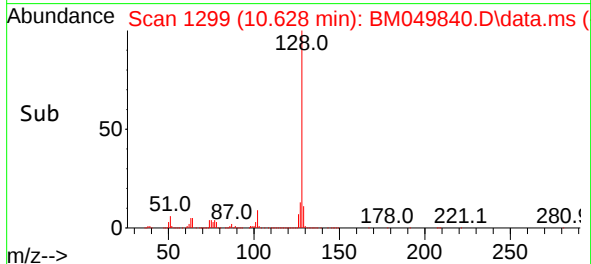
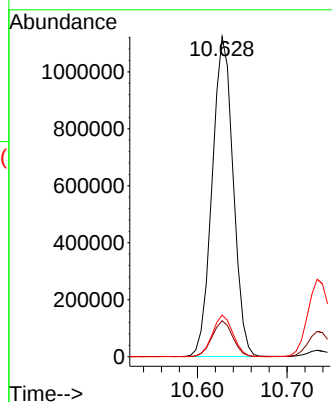
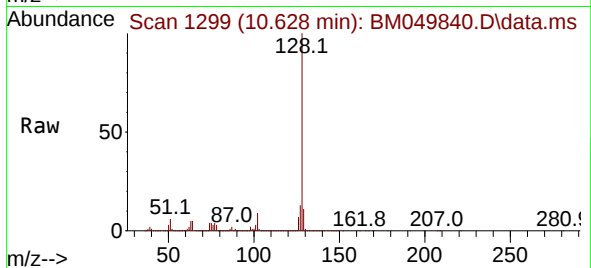




#31
Naphthalene
Concen: 25.265 ng
RT: 10.628 min Scan# 1129
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

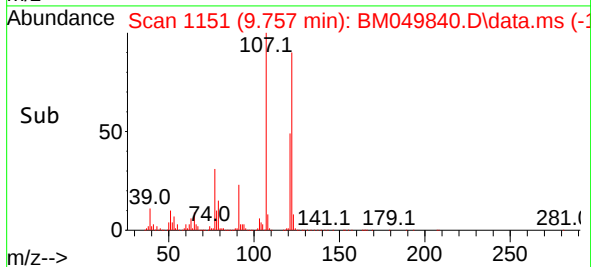
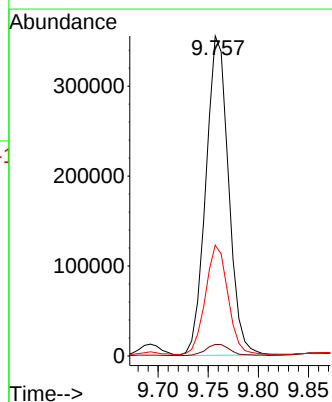
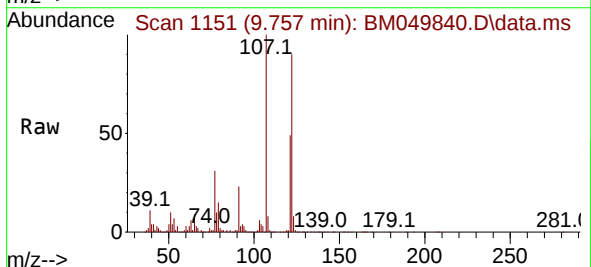
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

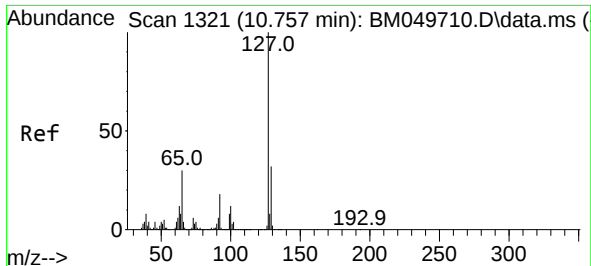
Tgt Ion:128 Resp: 1824307
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 47.191 ng
RT: 9.757 min Scan# 1151
Delta R.T. -0.153 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion:122 Resp: 560761
Ion Ratio Lower Upper
122 100
105 3.6 105.6 145.6#
77 34.7 76.9 116.9#

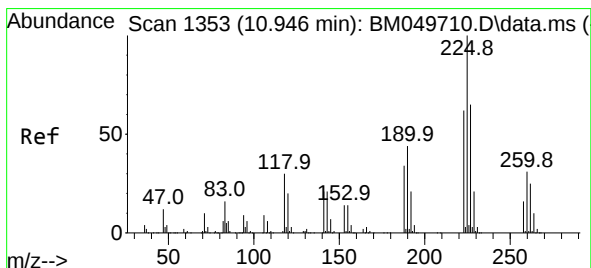
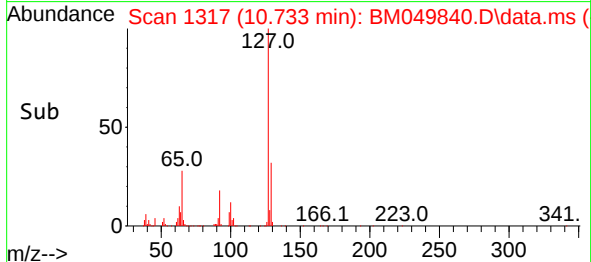
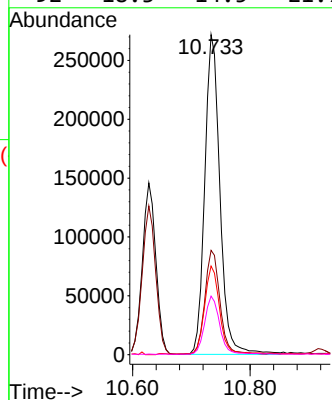
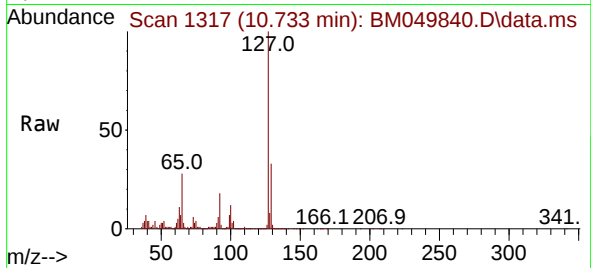




#33
4-Chloroaniline
Concen: 19.796 ng
RT: 10.733 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

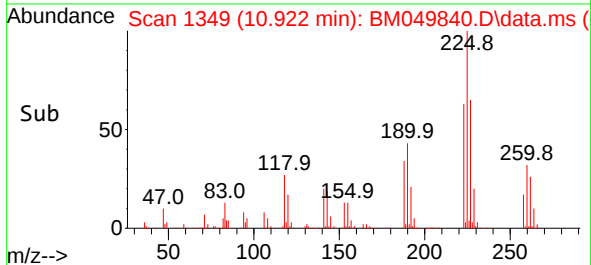
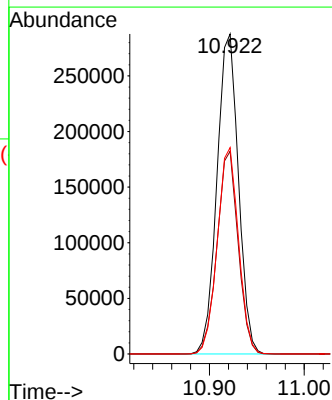
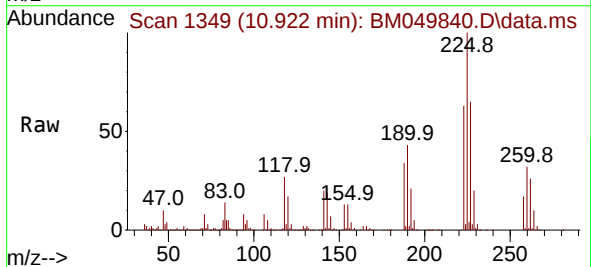
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

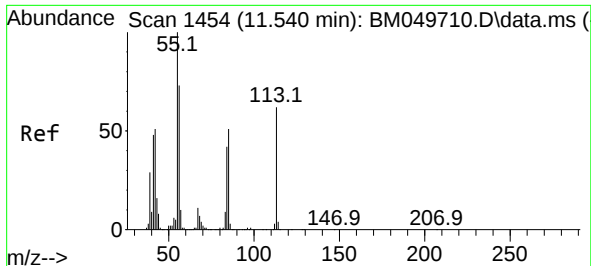
Tgt Ion:127	Resp: 487832
Ion Ratio	Lower Upper
127 100	
129 32.6	25.7 38.5
65 27.7	24.1 36.1
92 18.3	14.5 21.7



#34
Hexachlorobutadiene
Concen: 25.741 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion:225	Resp: 452652
Ion Ratio	Lower Upper
225 100	
223 63.4	49.8 74.8
227 64.5	52.1 78.1

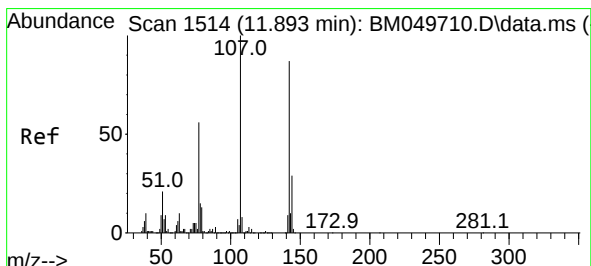
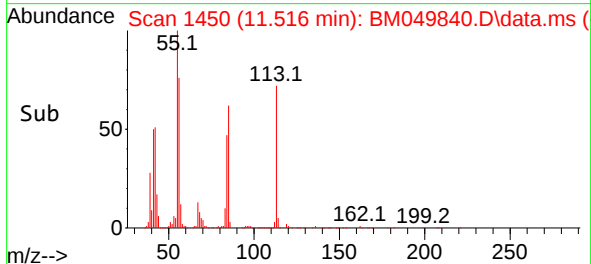
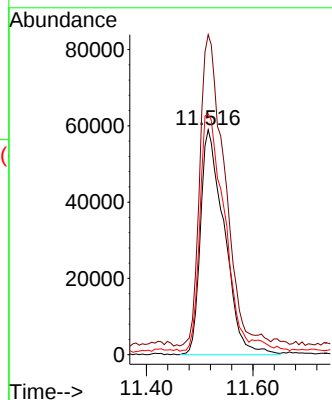
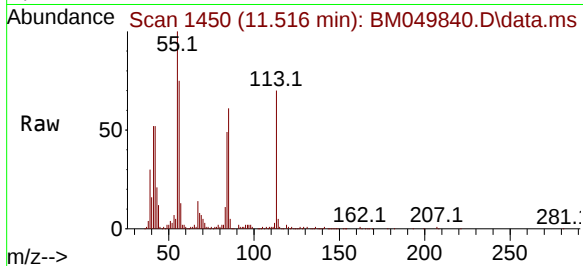




#35
Caprolactam
Concen: 34.599 ng
RT: 11.516 min Scan# 1450
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

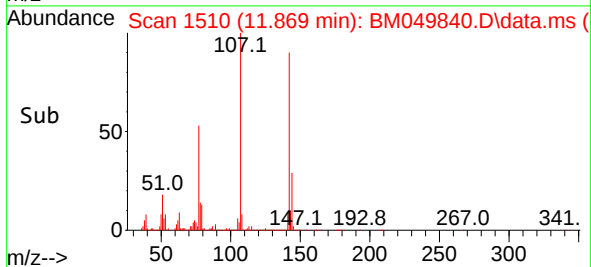
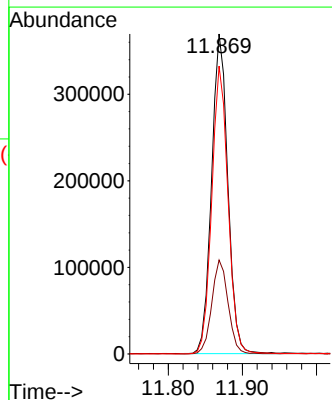
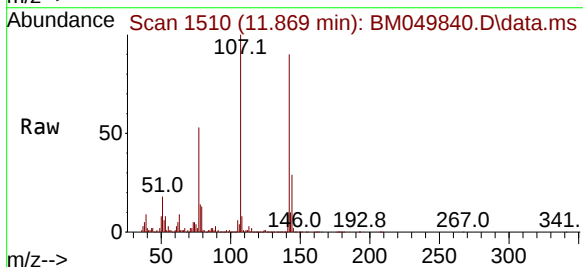
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

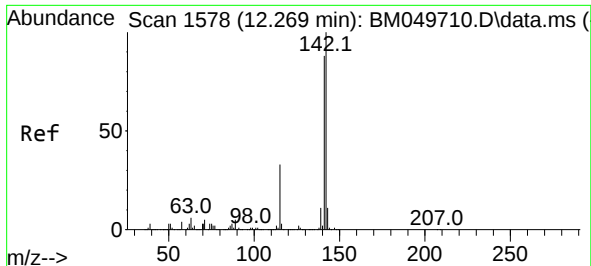
Tgt Ion:113 Resp: 182886
Ion Ratio Lower Upper
113 100
55 142.2 141.8 181.8
56 107.0 98.0 138.0



#36
4-Chloro-3-methylphenol
Concen: 28.841 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion:107 Resp: 563512
Ion Ratio Lower Upper
107 100
144 29.3 23.0 34.6
142 90.0 69.8 104.8





#37

2-Methylnaphthalene

Concen: 23.773 ng

RT: 12.245 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

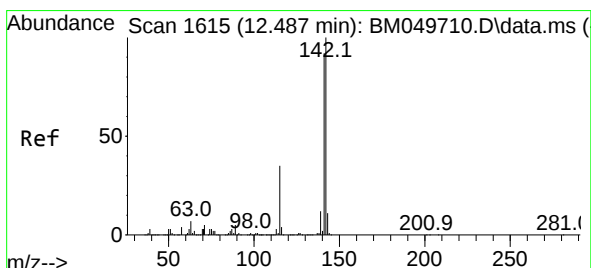
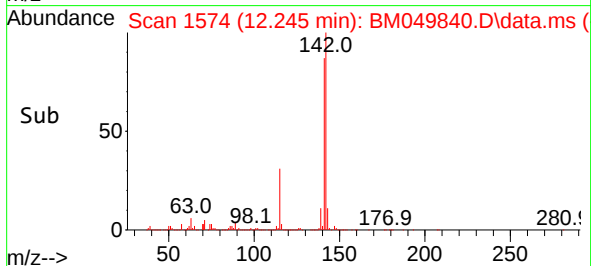
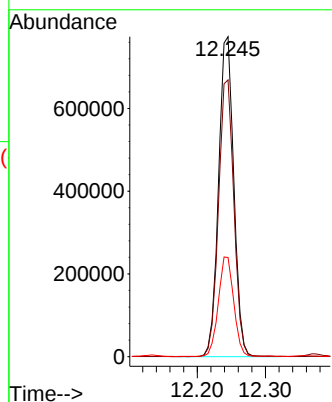
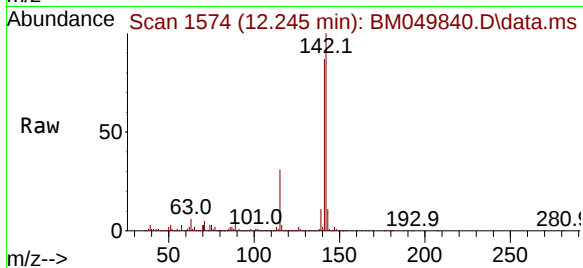
Tgt Ion:142 Resp: 1200338

Ion Ratio Lower Upper

142 100

141 86.5 70.5 105.7

115 31.0 26.5 39.7



#38

1-Methylnaphthalene

Concen: 25.826 ng

RT: 12.463 min Scan# 1611

Delta R.T. -0.024 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

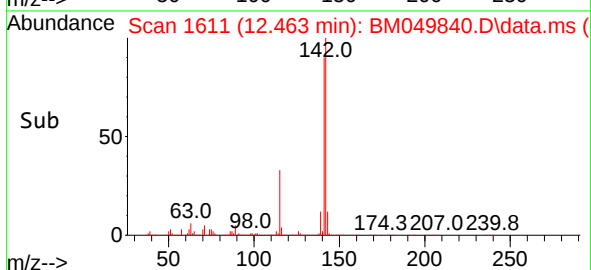
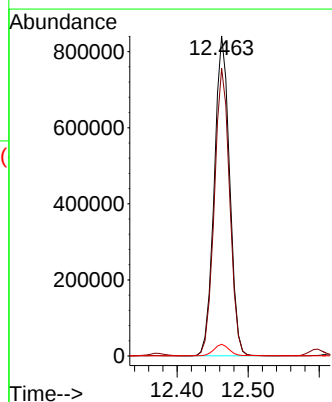
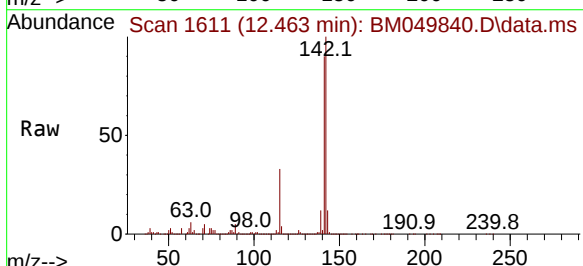
Tgt Ion:142 Resp: 1258072

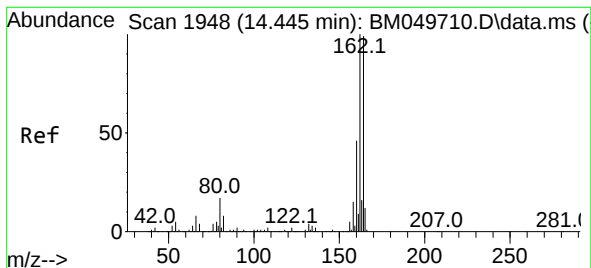
Ion Ratio Lower Upper

142 100

141 89.9 73.4 110.2

116 3.7 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1945

Delta R.T. -0.018 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

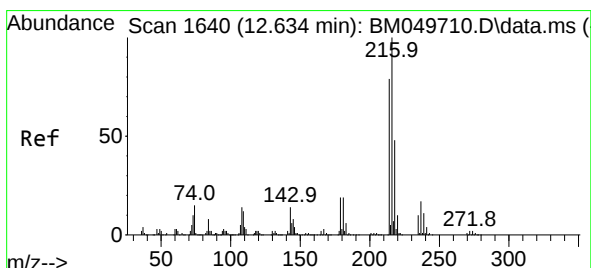
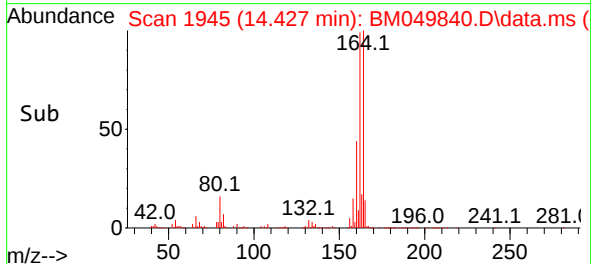
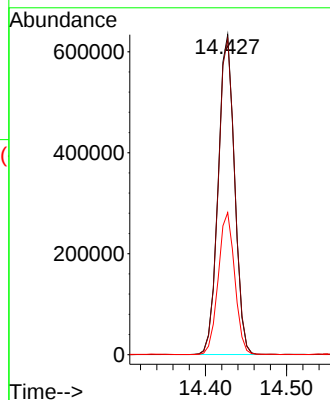
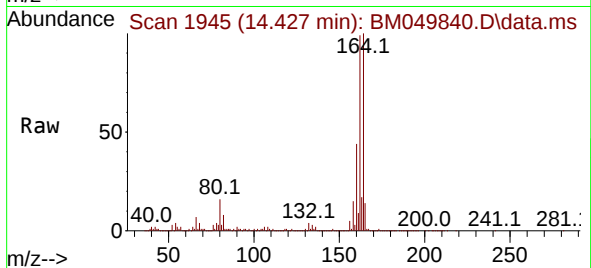
Tgt Ion:164 Resp: 888245

Ion Ratio Lower Upper

164 100

162 98.8 80.5 120.7

160 44.4 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 24.619 ng

RT: 12.616 min Scan# 1637

Delta R.T. -0.018 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Tgt Ion:216 Resp: 803247

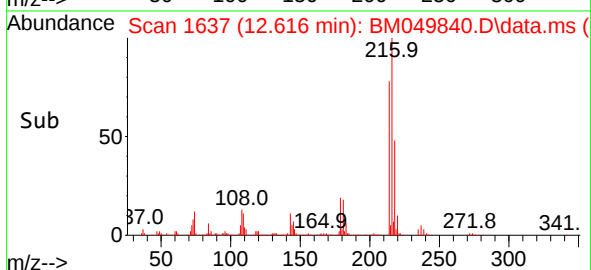
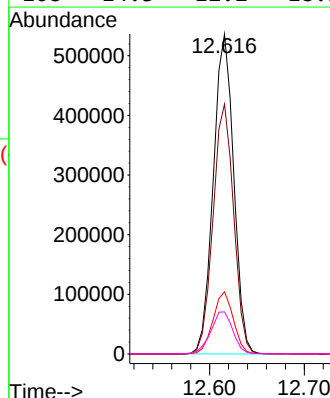
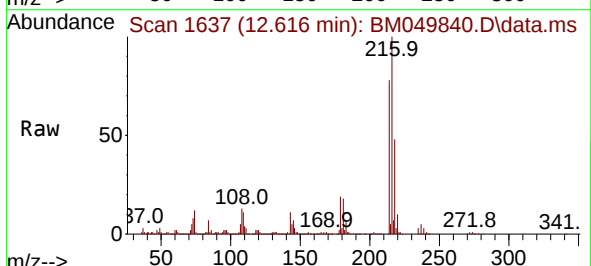
Ion Ratio Lower Upper

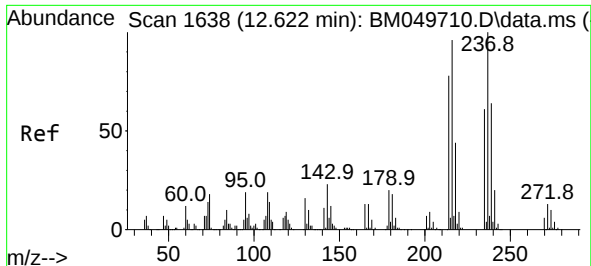
216 100

214 78.8 63.5 95.3

179 19.3 15.7 23.5

108 14.3 12.2 18.2

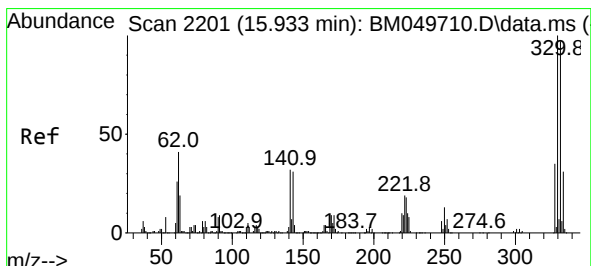
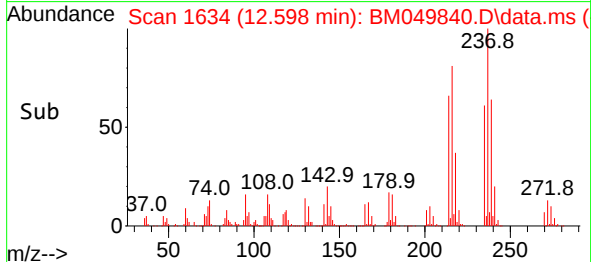
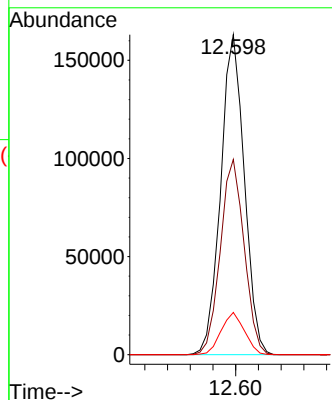
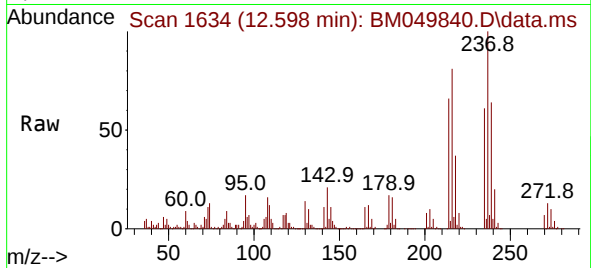




#41
Hexachlorocyclopentadiene
Concen: 19.485 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

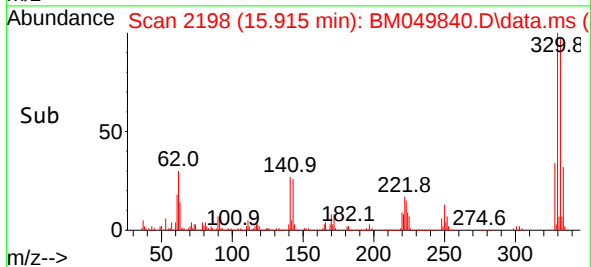
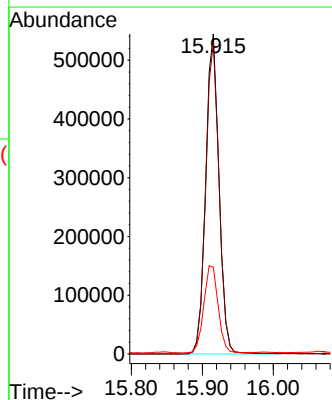
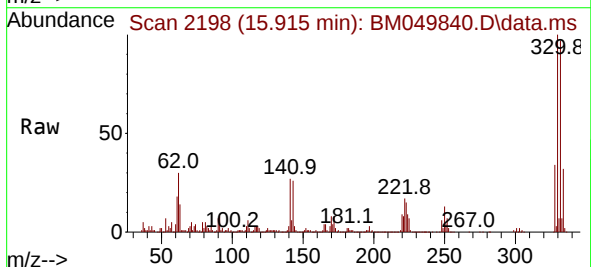
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

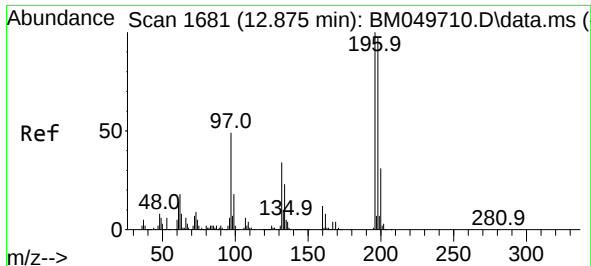
Tgt Ion:237 Resp: 235515
Ion Ratio Lower Upper
237 100
235 61.0 41.1 81.1
272 13.2 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 68.705 ng
RT: 15.915 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion:330 Resp: 712614
Ion Ratio Lower Upper
330 100
332 98.0 77.0 115.4
141 29.3 27.8 41.6

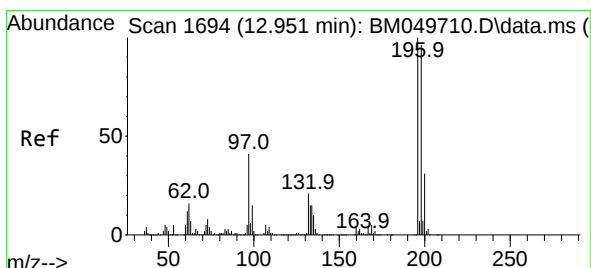
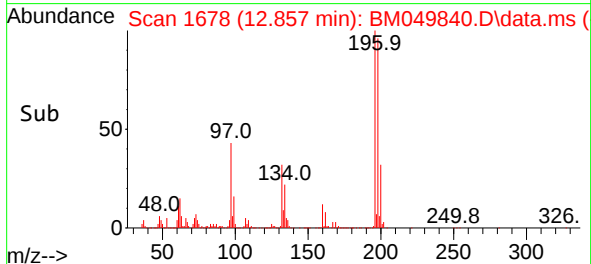
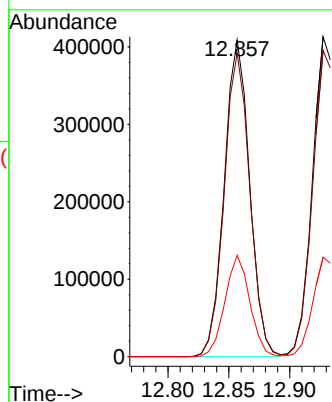
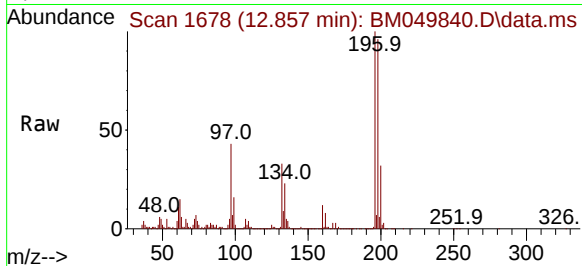




#43
2,4,6-Trichlorophenol
Concen: 32.509 ng
RT: 12.857 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

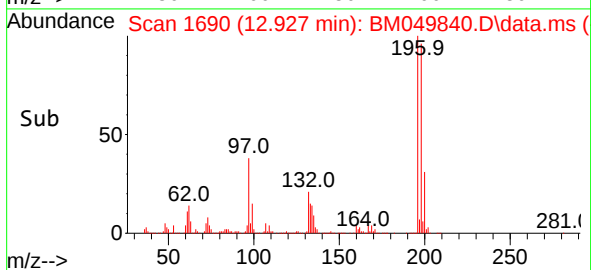
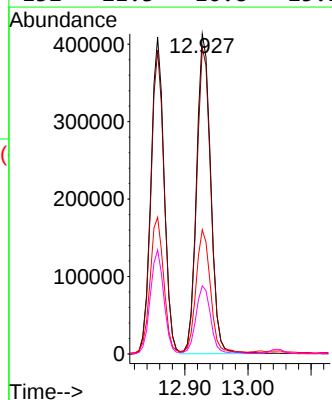
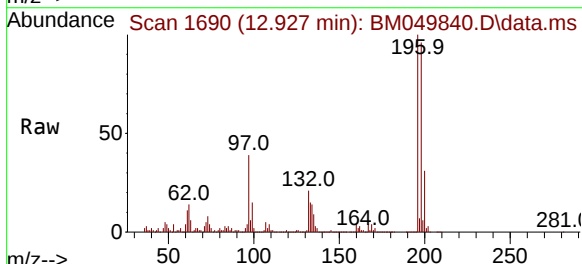
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

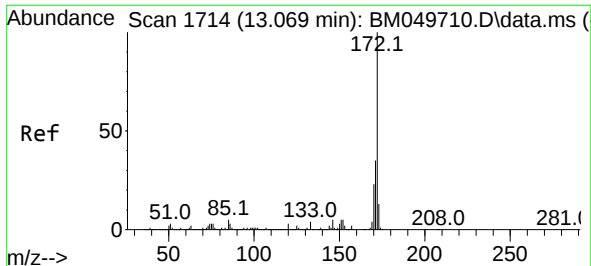
Tgt Ion:196 Resp: 594044
Ion Ratio Lower Upper
196 100
198 95.9 78.3 117.5
200 32.0 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 32.177 ng
RT: 12.927 min Scan# 1690
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion:196 Resp: 641644
Ion Ratio Lower Upper
196 100
198 95.7 76.7 115.1
97 38.8 32.9 49.3
132 21.3 16.8 25.2

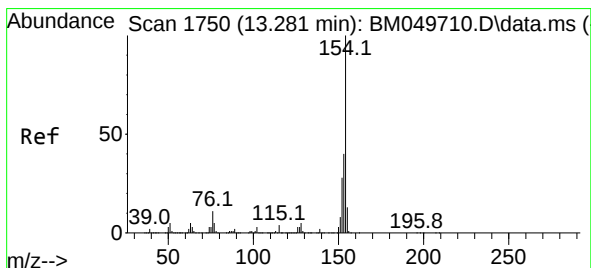
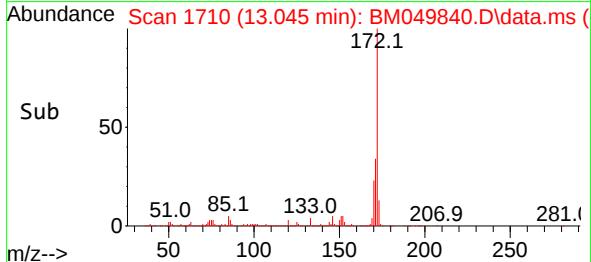
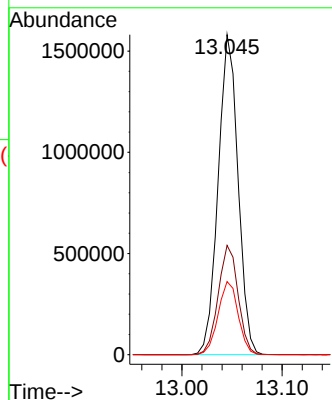
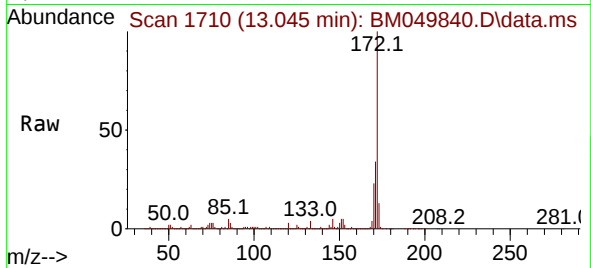




#45
2-Fluorobiphenyl
Concen: 30.670 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

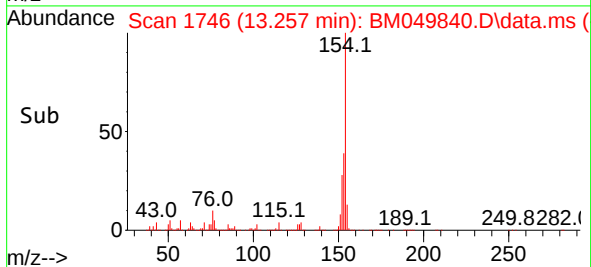
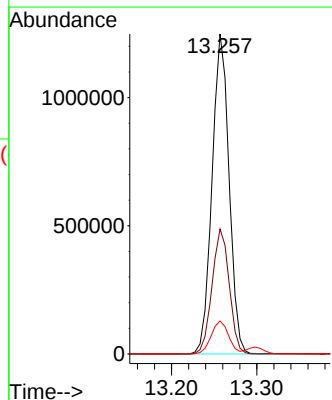
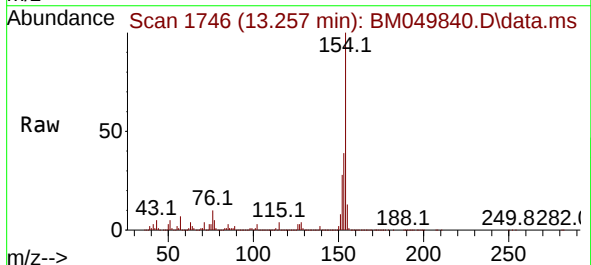
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

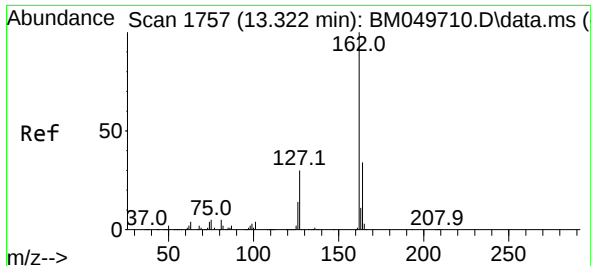
Tgt Ion:172 Resp: 2175235
Ion Ratio Lower Upper
172 100
171 34.2 27.9 41.9
170 22.9 18.6 28.0



#46
1,1'-Biphenyl
Concen: 25.244 ng
RT: 13.257 min Scan# 1746
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion:154 Resp: 1728179
Ion Ratio Lower Upper
154 100
153 39.1 19.7 59.7
76 10.3 0.0 31.2

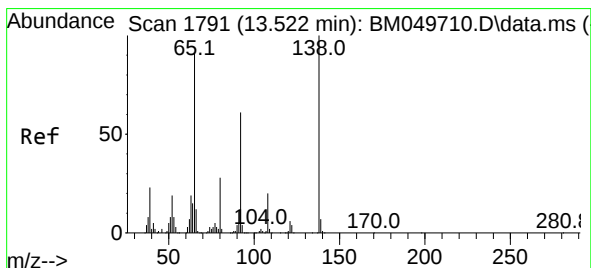
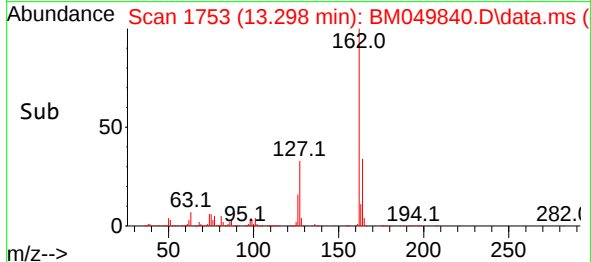
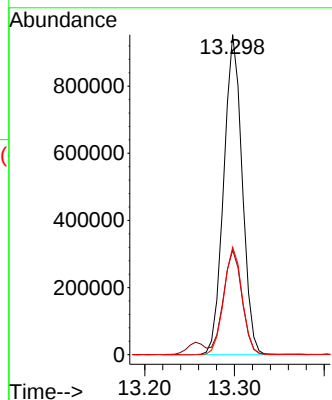
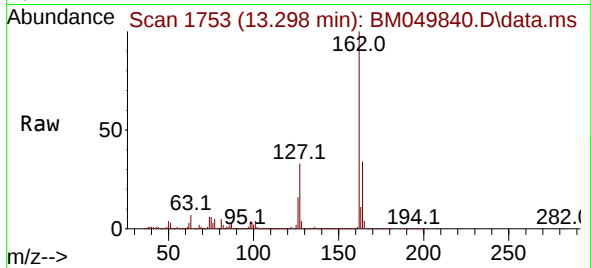




#47
2-Chloronaphthalene
Concen: 25.544 ng
RT: 13.298 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

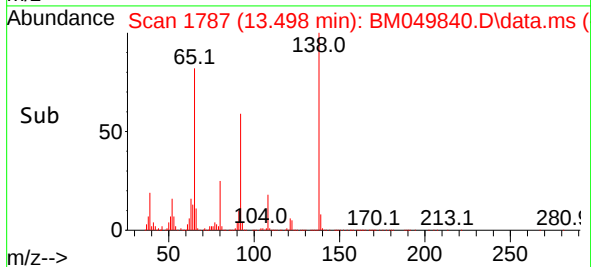
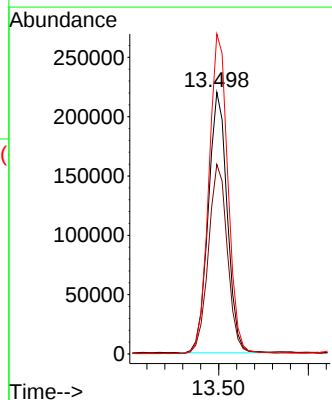
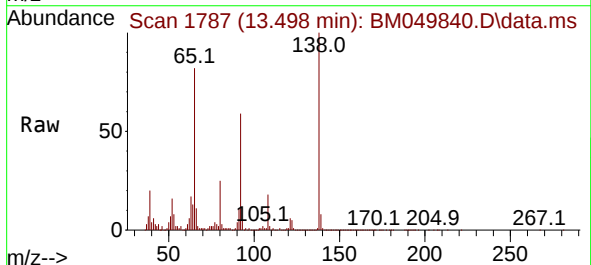
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

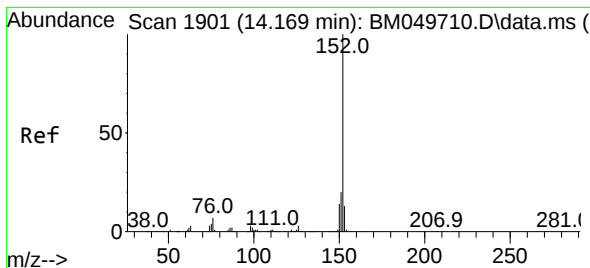
Tgt Ion:162 Resp: 1361107
Ion Ratio Lower Upper
162 100
127 32.7 25.8 38.6
164 33.6 27.1 40.7



#48
2-Nitroaniline
Concen: 27.002 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion: 65 Resp: 322997
Ion Ratio Lower Upper
65 100
92 72.4 53.4 80.2
138 122.2 87.6 131.4





#49

Acenaphthylene

Concen: 28.010 ng

RT: 14.145 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

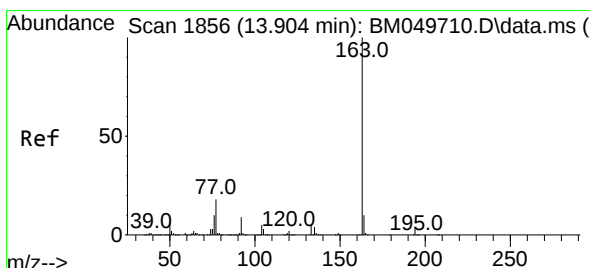
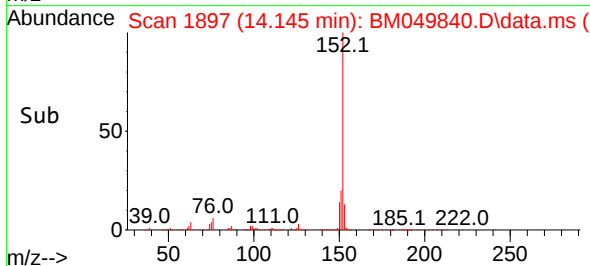
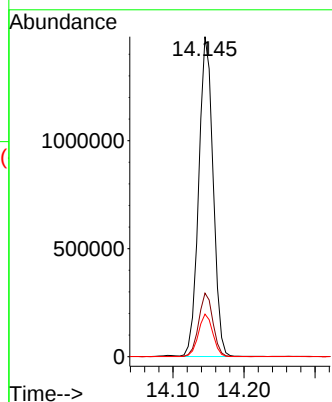
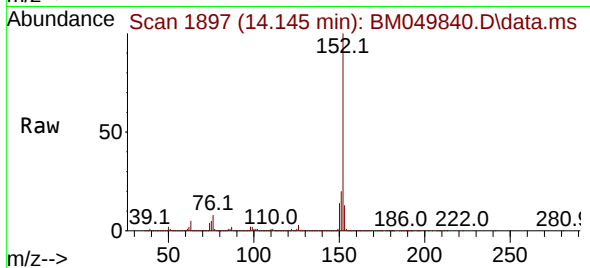
Tgt Ion:152 Resp: 2086203

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.3 10.2 15.4



#50

Dimethylphthalate

Concen: 26.043 ng

RT: 13.880 min Scan# 1852

Delta R.T. -0.024 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

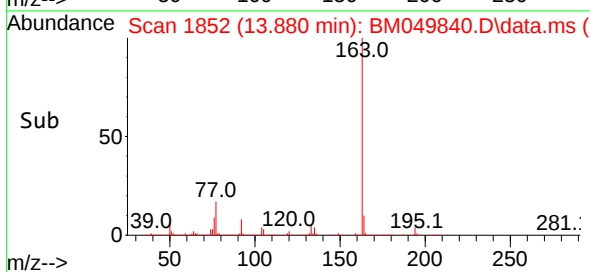
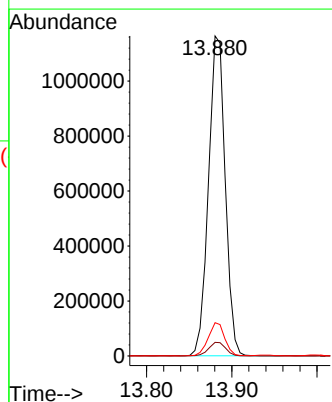
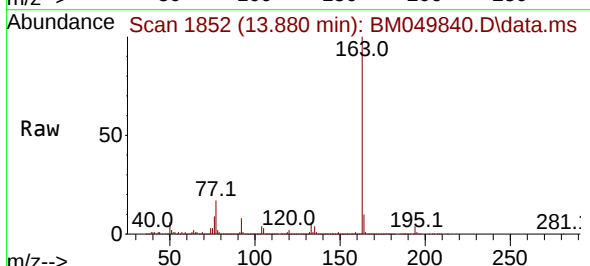
Tgt Ion:163 Resp: 1592660

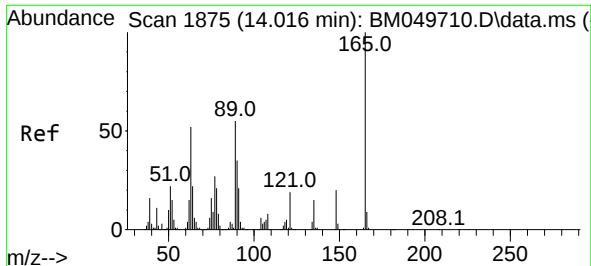
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.4 8.2 12.2

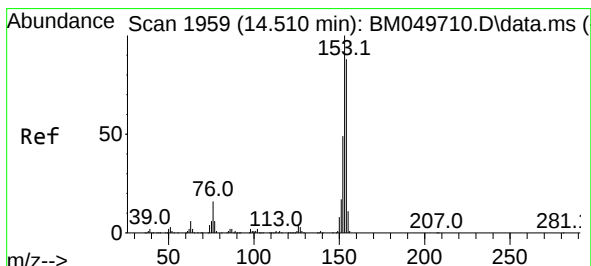
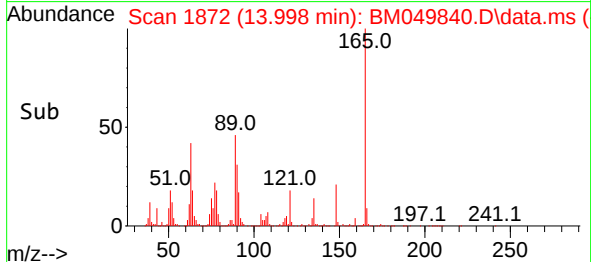
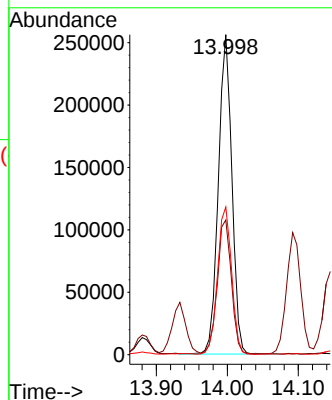
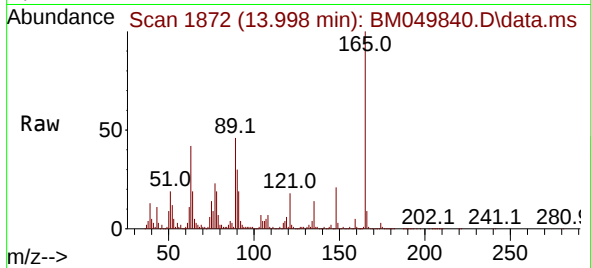




#51
2,6-Dinitrotoluene
Concen: 27.497 ng
RT: 13.998 min Scan# 1875
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

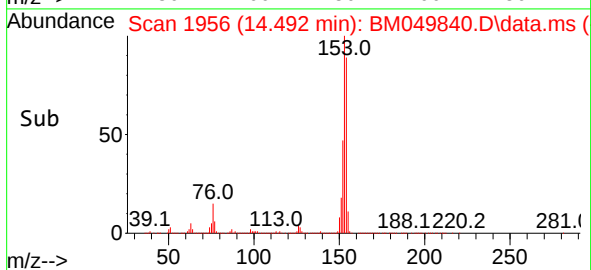
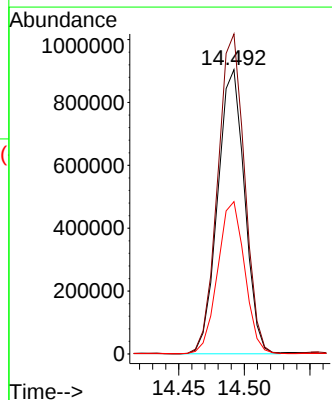
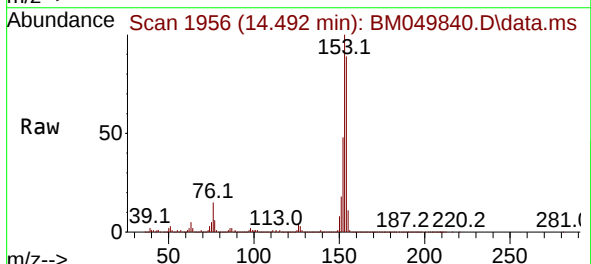
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

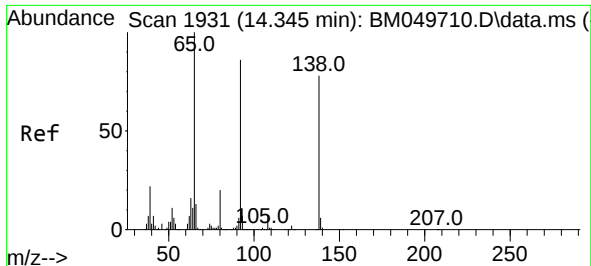
Tgt Ion:165 Resp: 336940
Ion Ratio Lower Upper
165 100
63 42.1 42.3 63.5#
89 46.1 43.9 65.9



#52
Acenaphthene
Concen: 26.384 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion:154 Resp: 1288995
Ion Ratio Lower Upper
154 100
153 112.5 90.4 135.6
152 53.5 44.2 66.2

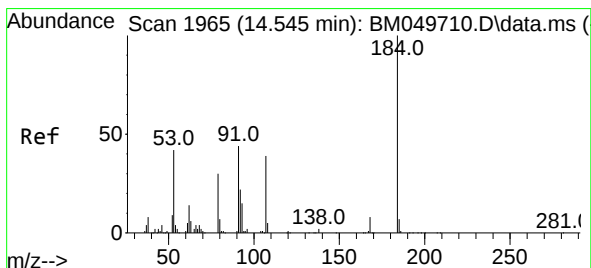
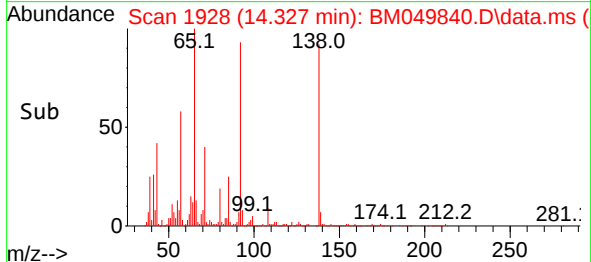
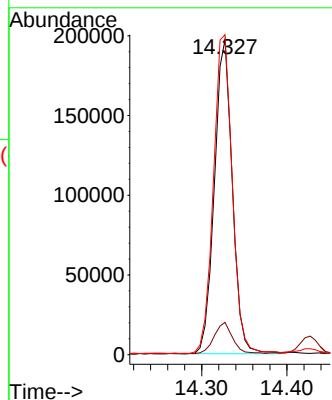
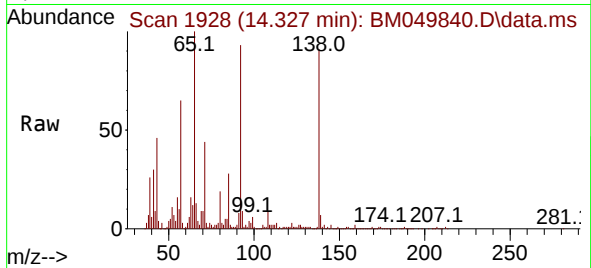




#53
3-Nitroaniline
Concen: 24.841 ng
RT: 14.327 min Scan# 1931
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

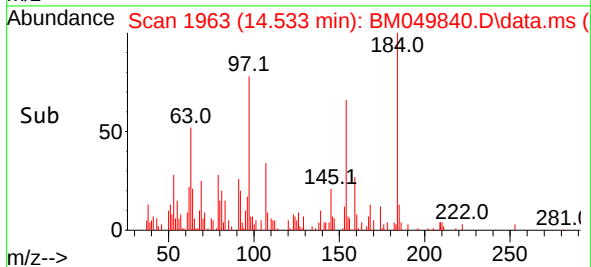
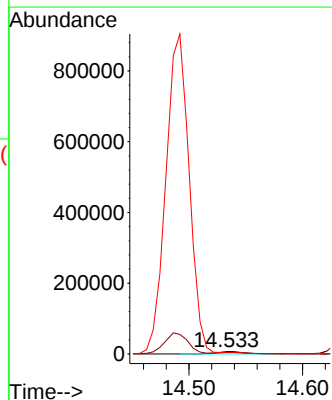
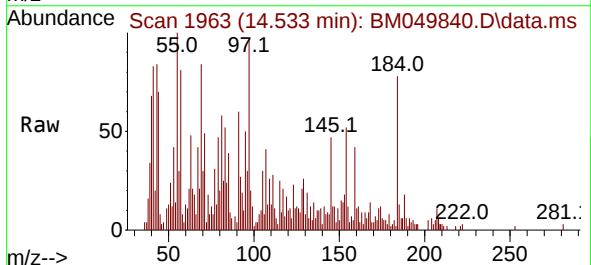
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

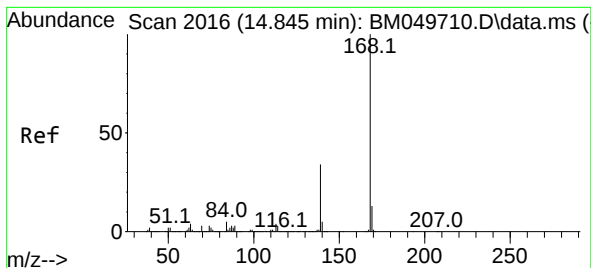
Tgt Ion:138 Resp: 289665
Ion Ratio Lower Upper
138 100
108 10.2 7.5 11.3
92 101.6 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 5.415 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion:184 Resp: 11567
Ion Ratio Lower Upper
184 100
63 61.9 47.2 70.8
154 66.3 49.9 74.9





#55

Dibenzenofuran

Concen: 25.733 ng

RT: 14.827 min Scan# 2016

Delta R.T. -0.018 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

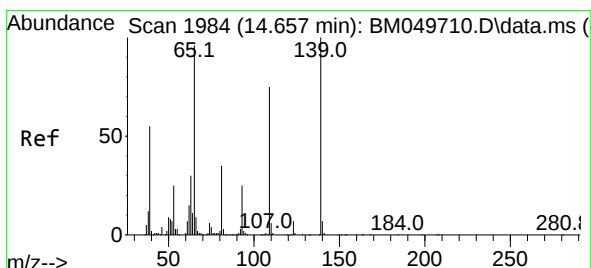
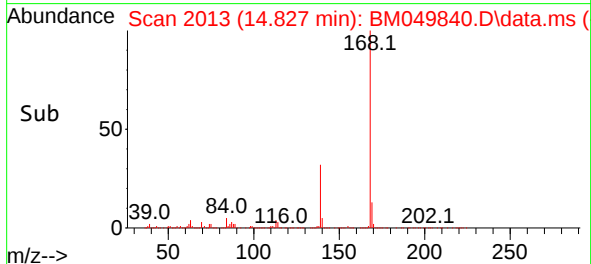
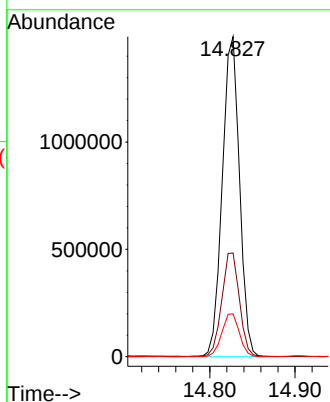
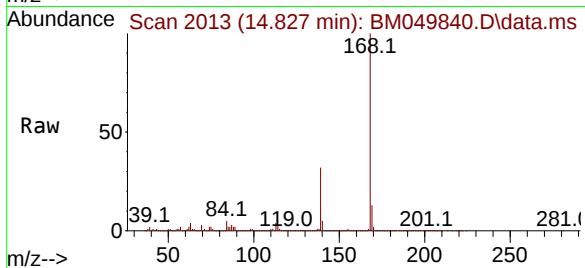
Tgt Ion:168 Resp: 2094904

Ion Ratio Lower Upper

168 100

139 32.4 27.4 41.0

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 63.643 ng

RT: 14.645 min Scan# 1982

Delta R.T. -0.012 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

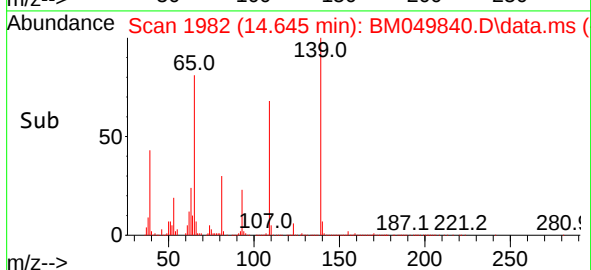
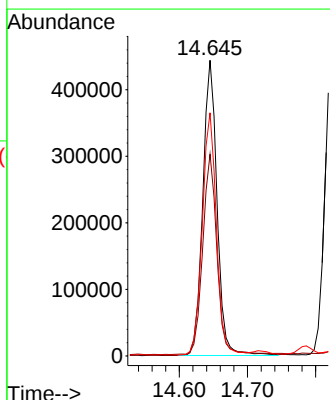
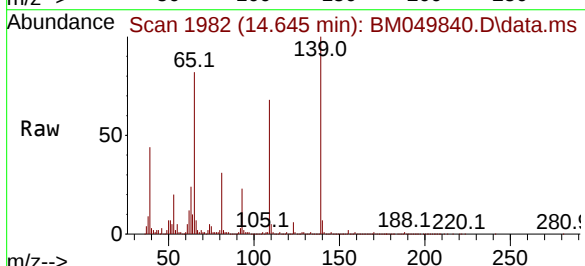
Tgt Ion:139 Resp: 645977

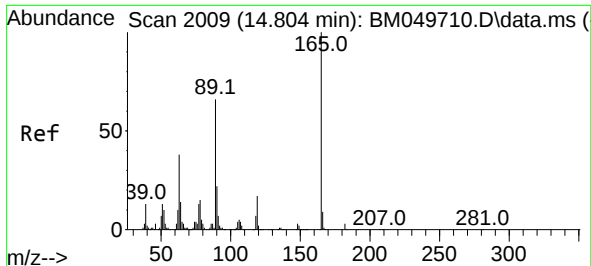
Ion Ratio Lower Upper

139 100

109 68.2 54.7 94.7

65 82.2 76.2 116.2

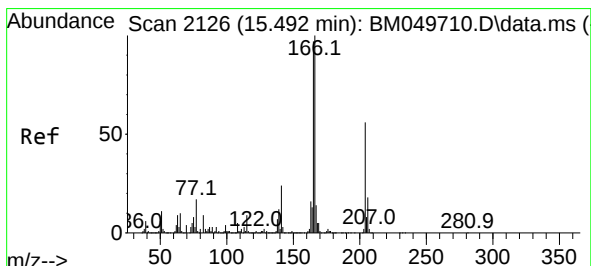
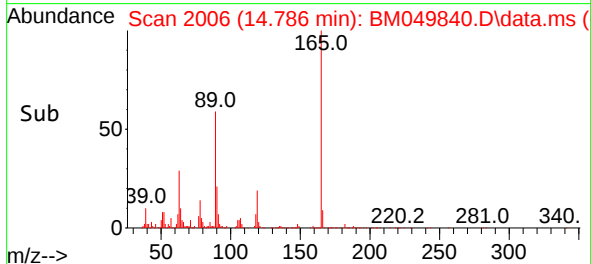
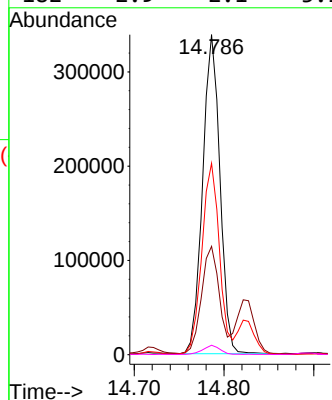
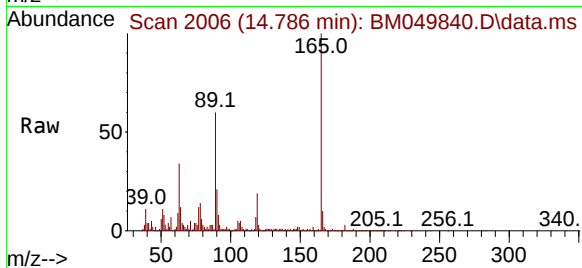




#57
2,4-Dinitrotoluene
Concen: 28.724 ng
RT: 14.786 min Scan# 20
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

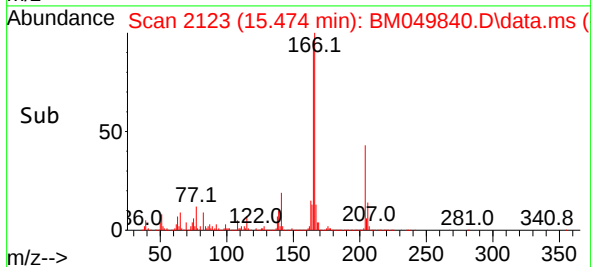
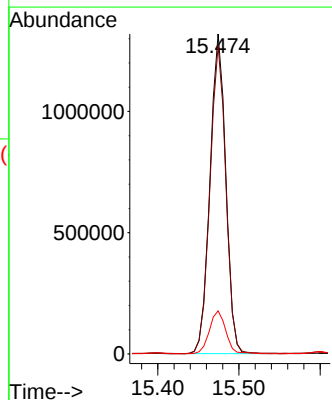
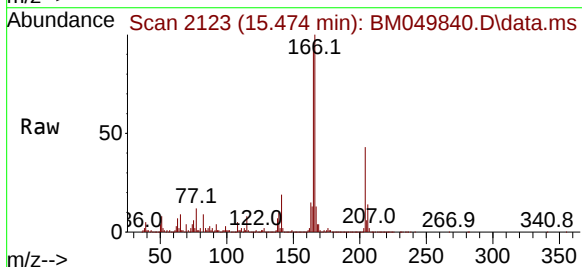
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

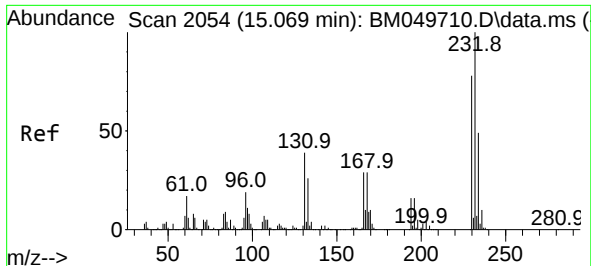
Tgt Ion:165 Resp: 452917
Ion Ratio Lower Upper
165 100
63 33.8 30.8 46.2
89 59.8 53.1 79.7
182 2.9 2.1 3.1



#58
Fluorene
Concen: 26.860 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion:166 Resp: 1780330
Ion Ratio Lower Upper
166 100
165 96.4 77.5 116.3
167 13.5 10.9 16.3

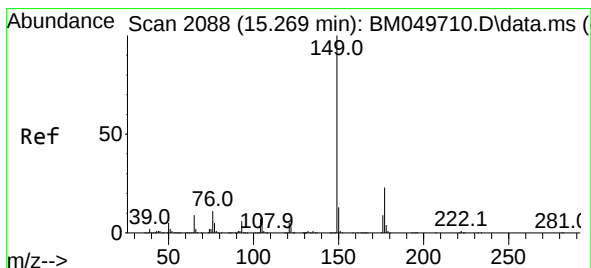
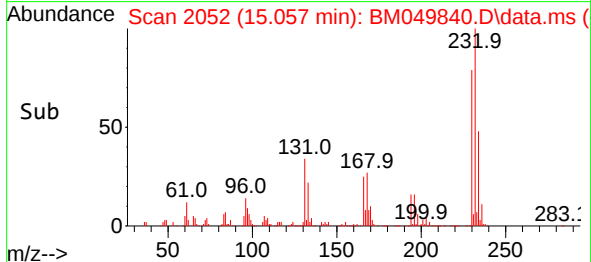
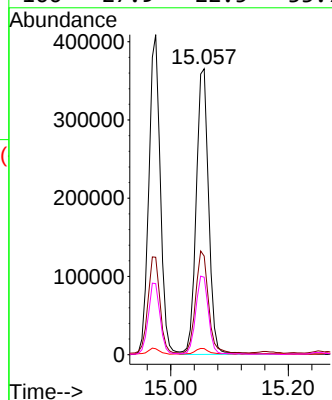
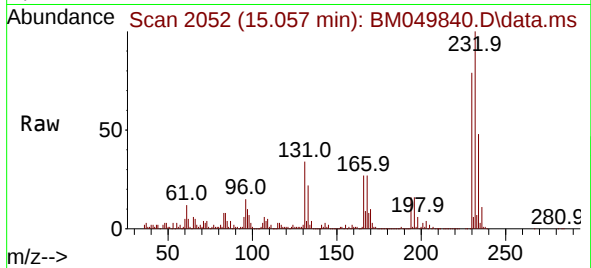




#59
2,3,4,6-Tetrachlorophenol
Concen: 32.104 ng
RT: 15.057 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

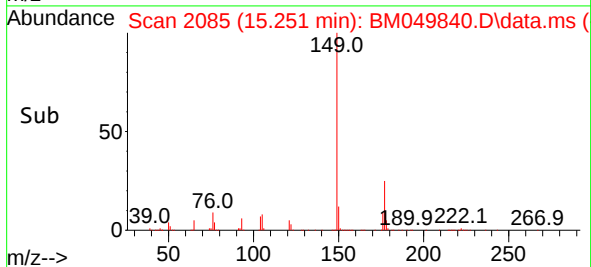
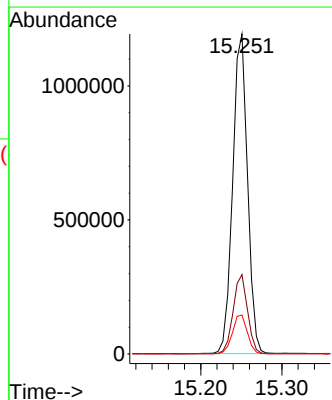
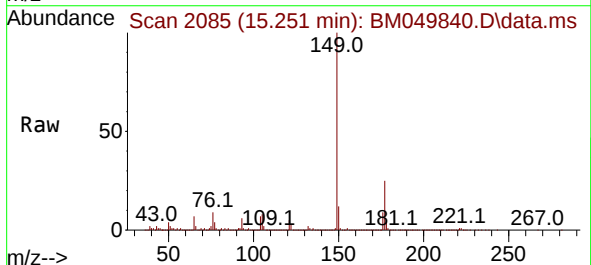
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

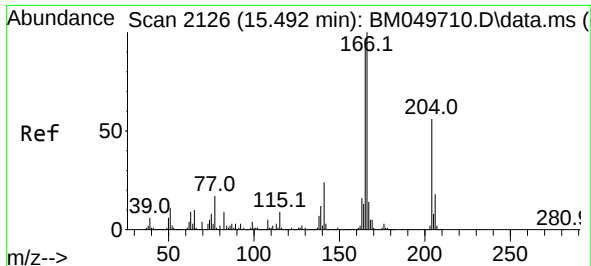
Tgt Ion:232 Resp: 535877
Ion Ratio Lower Upper
232 100
131 36.8 30.0 45.0
130 2.4 1.6 2.4
166 27.9 22.5 33.7



#60
Diethylphthalate
Concen: 26.210 ng
RT: 15.251 min Scan# 2085
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion:149 Resp: 1509646
Ion Ratio Lower Upper
149 100
177 24.8 18.2 27.2
150 12.2 10.0 15.0

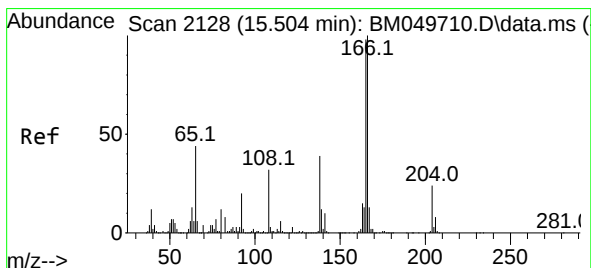
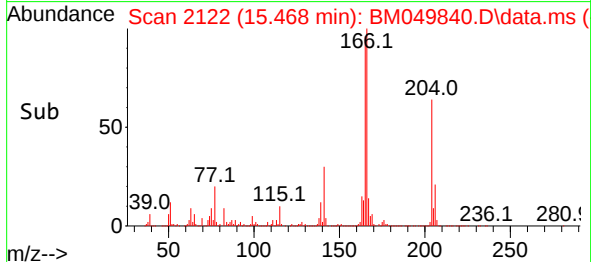
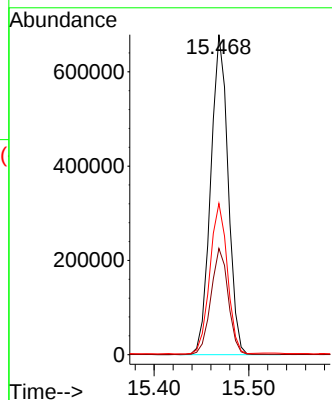
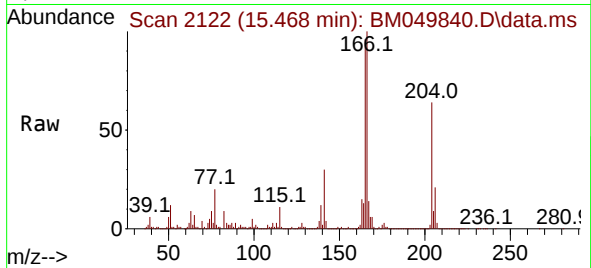




#61
4-Chlorophenyl-phenylether
Concen: 23.932 ng
RT: 15.468 min Scan# 2122
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

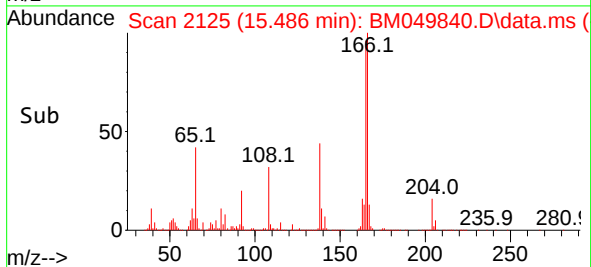
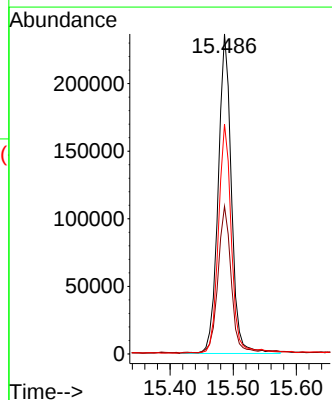
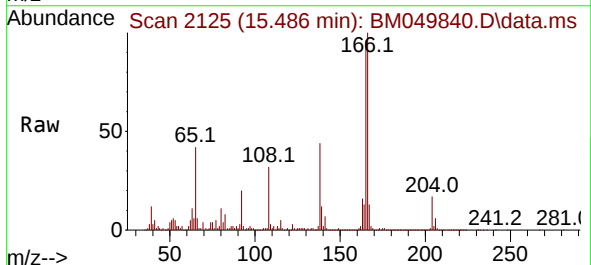
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

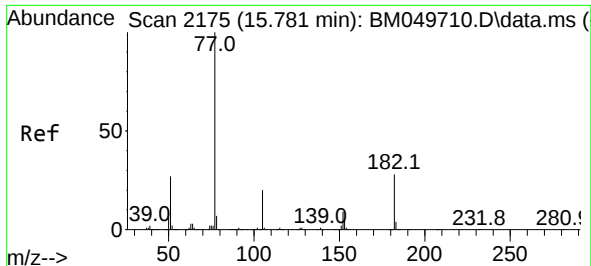
Tgt Ion:204 Resp: 866175
Ion Ratio Lower Upper
204 100
206 33.2 25.2 37.8
141 47.3 34.5 51.7



#62
4-Nitroaniline
Concen: 26.616 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion:138 Resp: 344075
Ion Ratio Lower Upper
138 100
92 46.1 29.8 69.8
108 71.8 61.3 101.3



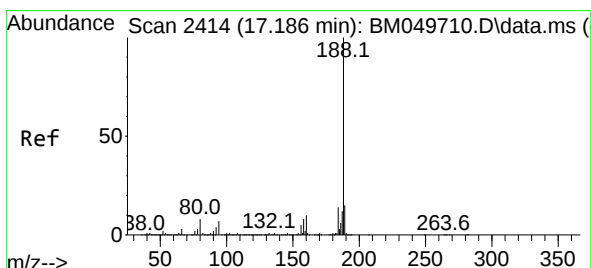
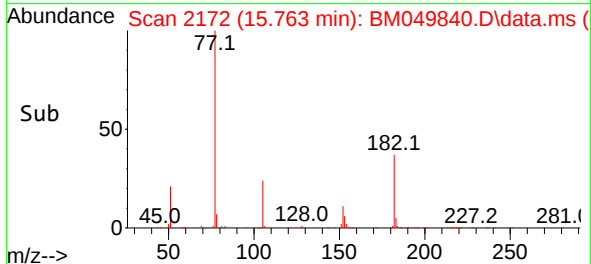
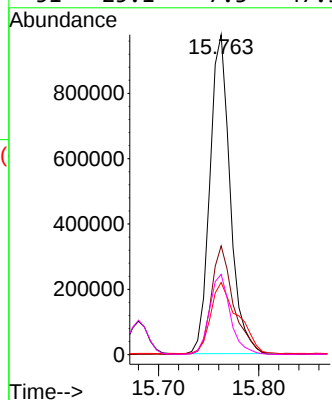
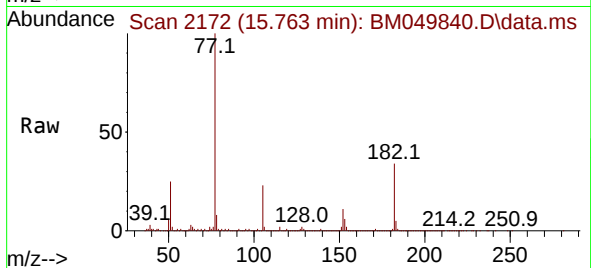


#63
Azobenzene
Concen: 24.912 ng
RT: 15.763 min Scan# 2172
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

Tgt Ion: 77 Resp: 1370571

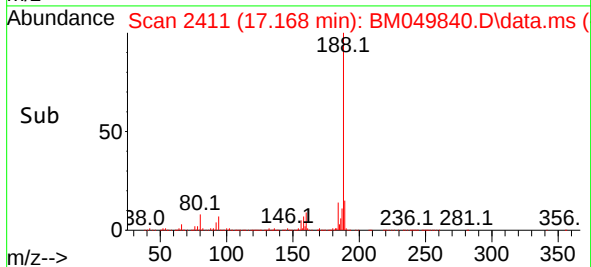
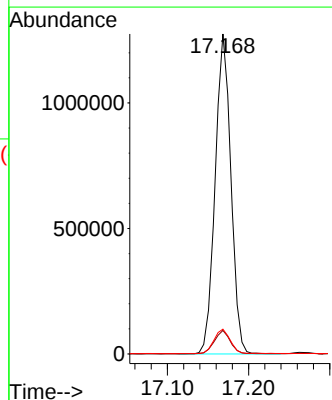
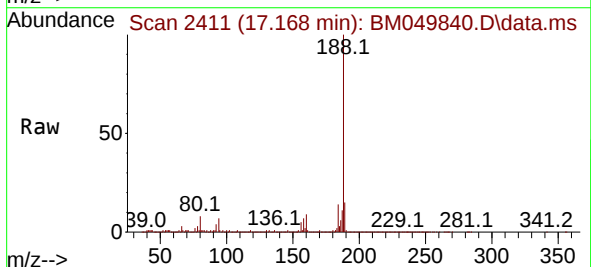
Ion	Ratio	Lower	Upper
77	100		
182	34.0	8.0	48.0
105	22.6	0.0	40.0
51	25.1	7.3	47.3

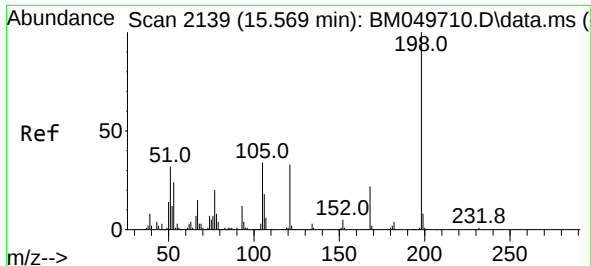


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion: 188 Resp: 1716279

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.6
80	7.8	6.3	9.5

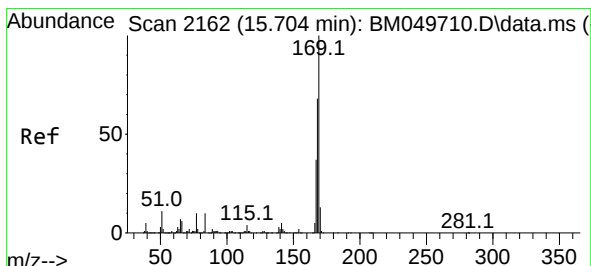
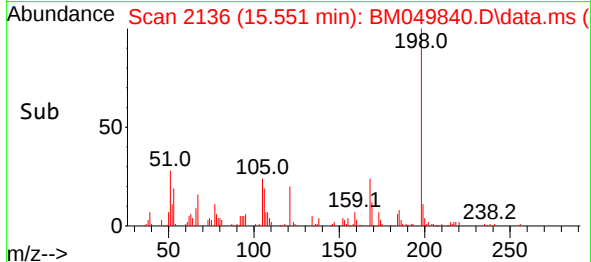
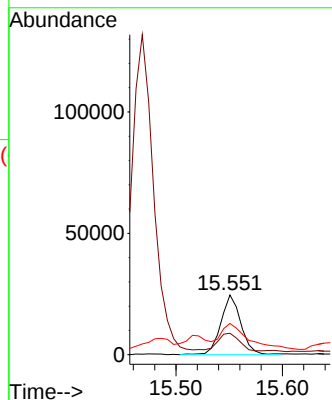
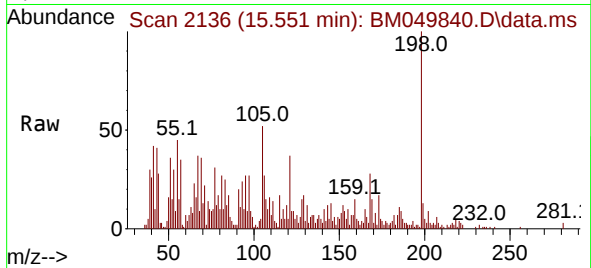




#65
4,6-Dinitro-2-methylphenol
Concen: 7.036 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

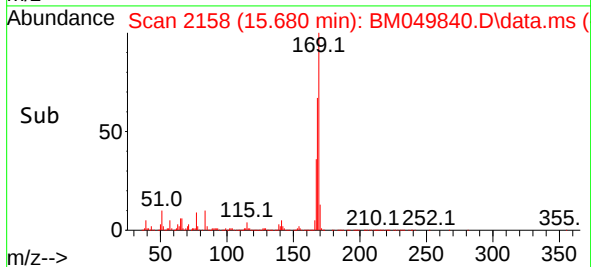
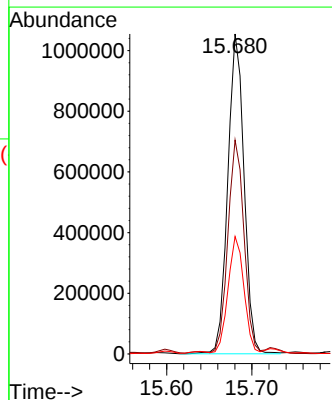
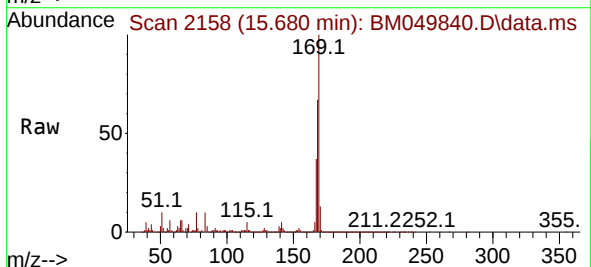
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

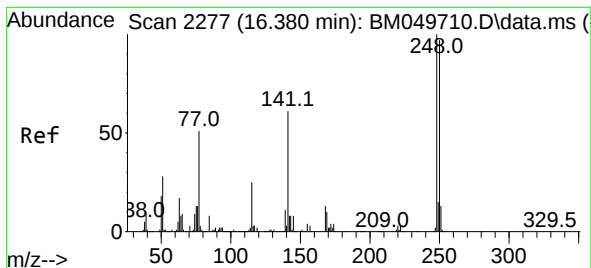
Tgt Ion:198 Resp: 32208
Ion Ratio Lower Upper
198 100
51 36.1 13.8 53.8
105 52.4 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 26.879 ng
RT: 15.680 min Scan# 2158
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion:169 Resp: 1397700
Ion Ratio Lower Upper
169 100
168 66.9 54.8 82.2
167 36.7 29.9 44.9

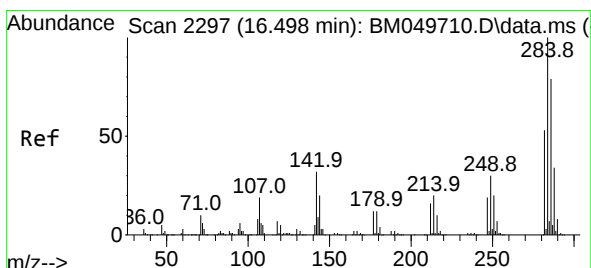
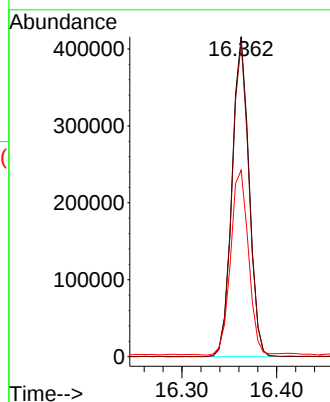
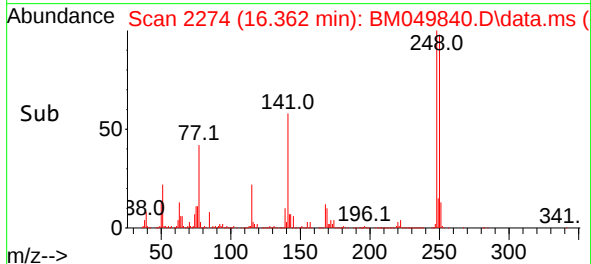
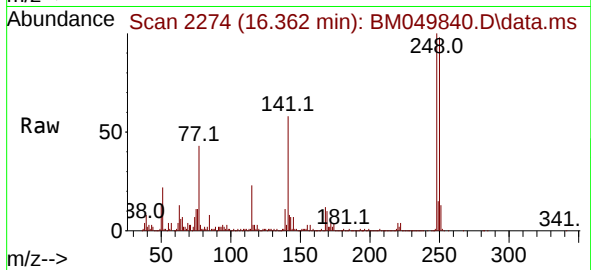




#67
4-Bromophenyl-phenylether
Concen: 26.212 ng
RT: 16.362 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

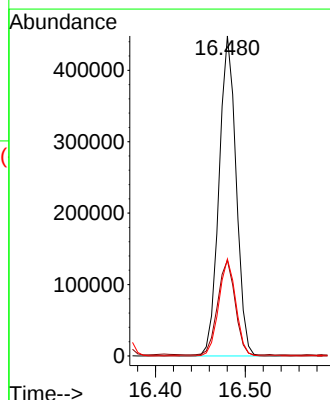
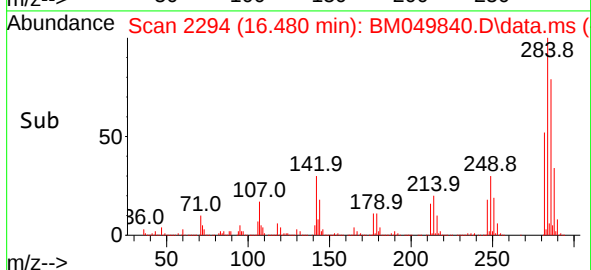
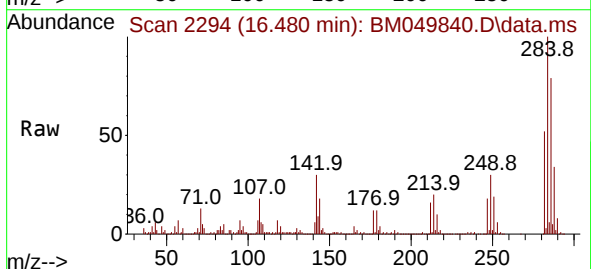
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

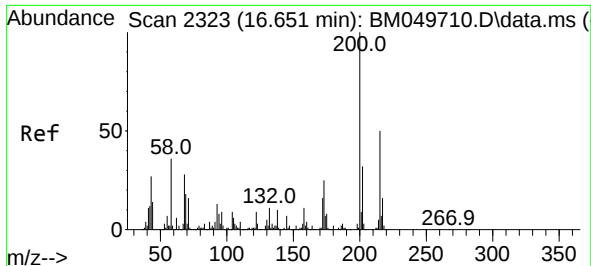
Tgt Ion:248 Resp: 519400
Ion Ratio Lower Upper
248 100
250 98.2 77.9 116.9
141 58.3 48.6 73.0



#68
Hexachlorobenzene
Concen: 26.614 ng
RT: 16.480 min Scan# 2294
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion:284 Resp: 593045
Ion Ratio Lower Upper
284 100
142 29.9 25.5 38.3
249 30.3 24.2 36.2

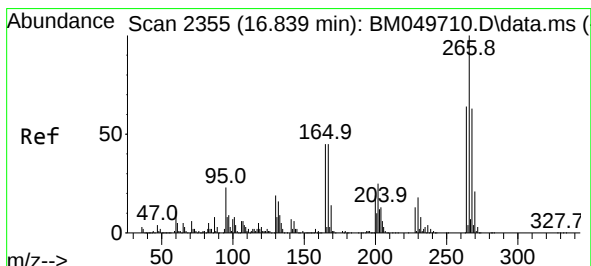
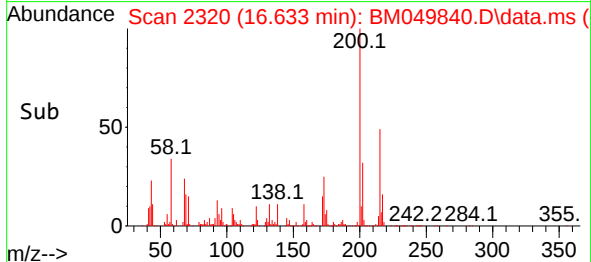
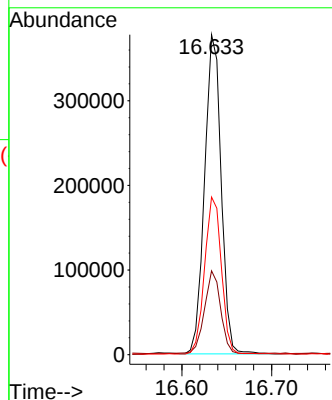
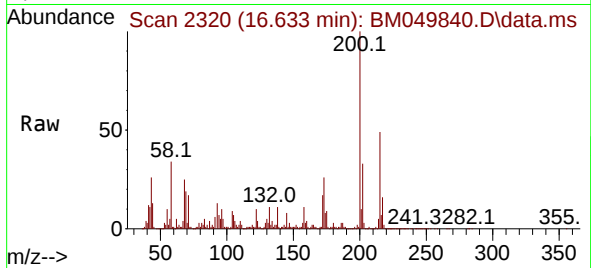




#69
 Atrazine
 Concen: 42.222 ng
 RT: 16.633 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM049840.D
 Acq: 07 Apr 2025 15:22

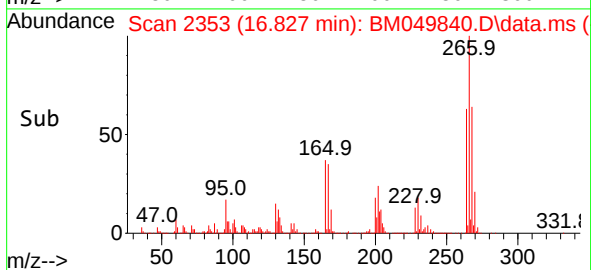
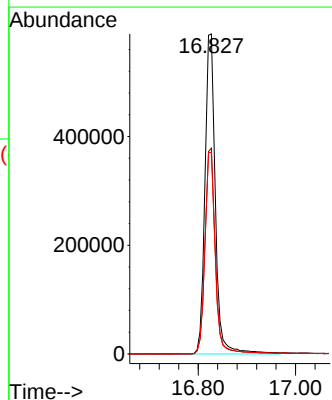
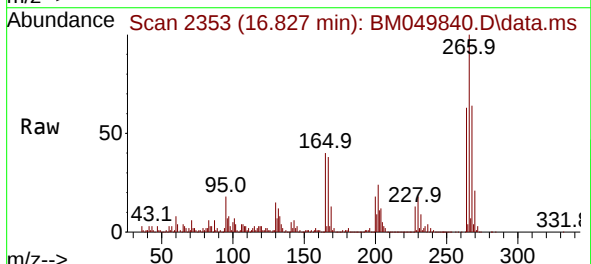
Instrument :
 BNA_M
 ClientSampleId :
 AU-05-040325MS

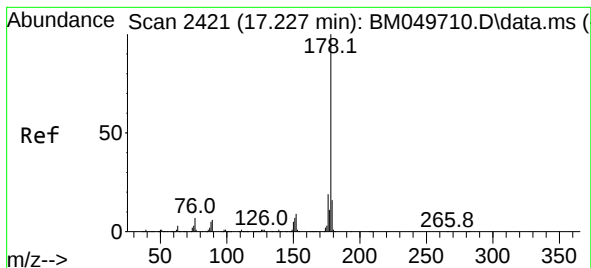
Tgt Ion:200 Resp: 483864
 Ion Ratio Lower Upper
 200 100
 173 26.2 5.4 45.4
 215 49.2 29.8 69.8



#70
 Pentachlorophenol
 Concen: 62.366 ng
 RT: 16.827 min Scan# 2353
 Delta R.T. -0.012 min
 Lab File: BM049840.D
 Acq: 07 Apr 2025 15:22

Tgt Ion:266 Resp: 873322
 Ion Ratio Lower Upper
 266 100
 268 64.3 50.2 75.2
 264 63.0 51.3 76.9





#71

Phenanthrene

Concen: 35.113 ng

RT: 17.209 min Scan# 24

Delta R.T. -0.018 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

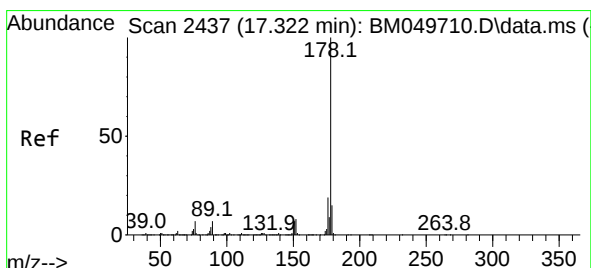
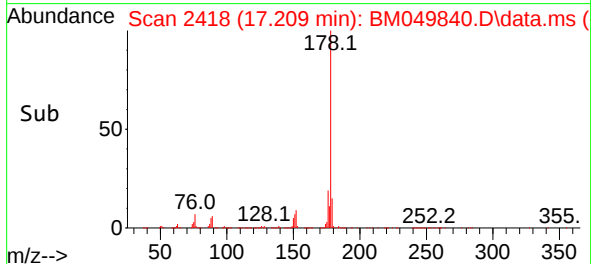
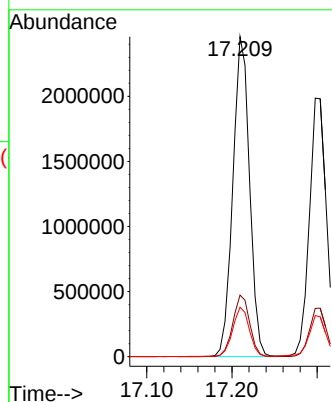
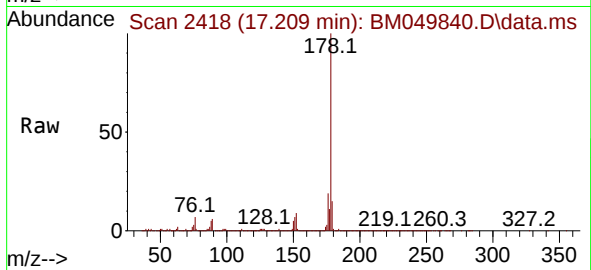
Tgt Ion:178 Resp: 3346295

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.4 12.5 18.7



#72

Anthracene

Concen: 29.690 ng

RT: 17.298 min Scan# 2433

Delta R.T. -0.024 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

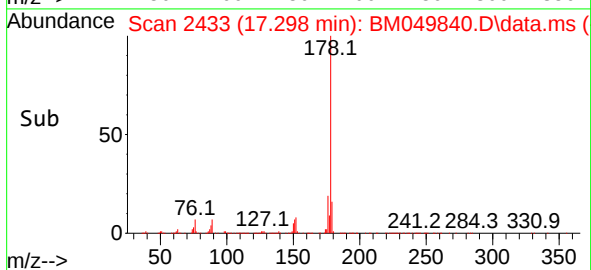
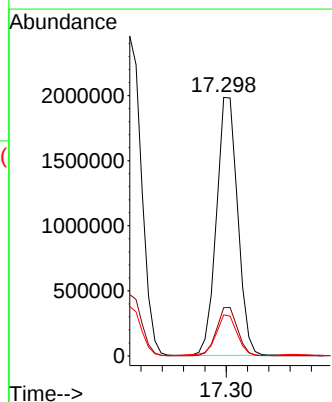
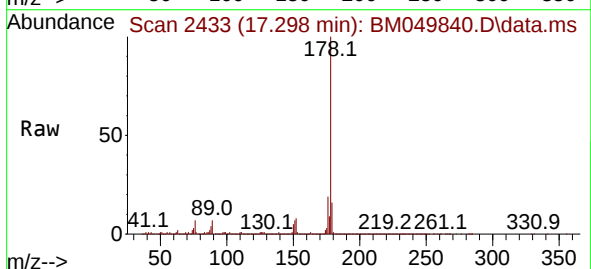
Tgt Ion:178 Resp: 2740257

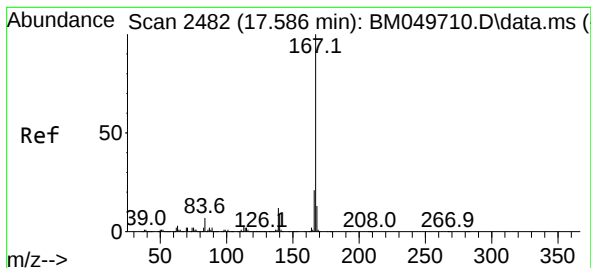
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.9 12.4 18.6





#73

Carbazole

Concen: 28.362 ng

RT: 17.568 min Scan# 24

Delta R.T. -0.018 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

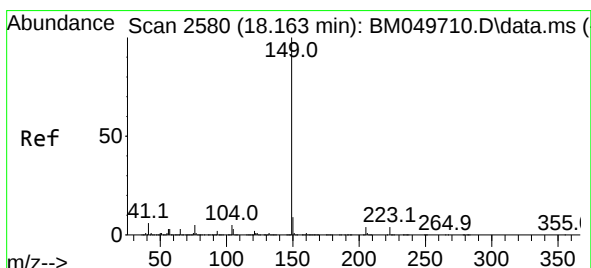
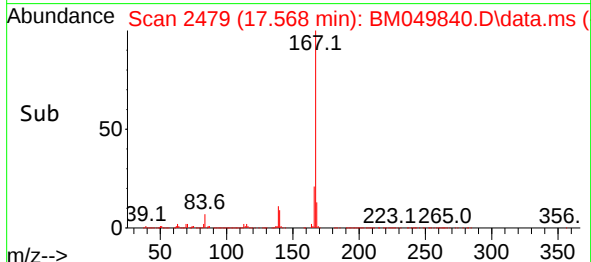
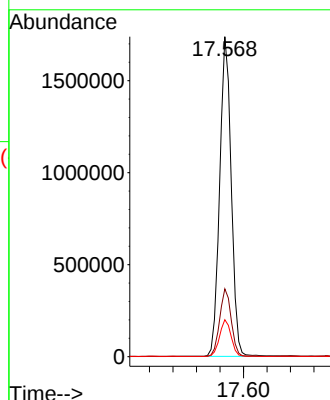
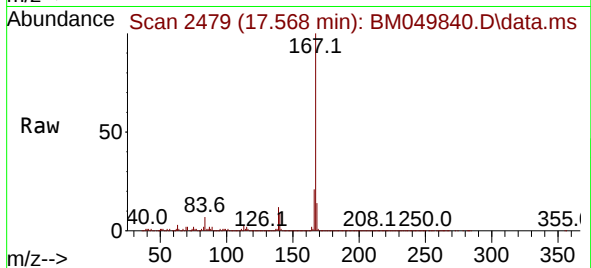
BNA_M

ClientSampleId :

AU-05-040325MS

Tgt Ion:167 Resp: 2370604

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	11.6	9.4	14.2



#74

Di-n-butylphthalate

Concen: 28.488 ng

RT: 18.139 min Scan# 2576

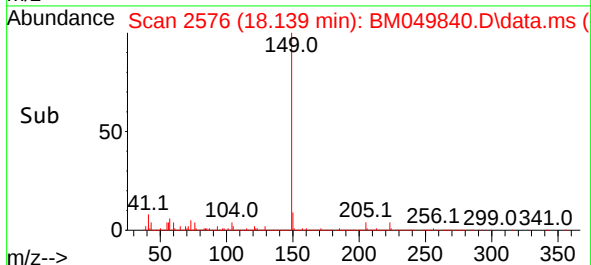
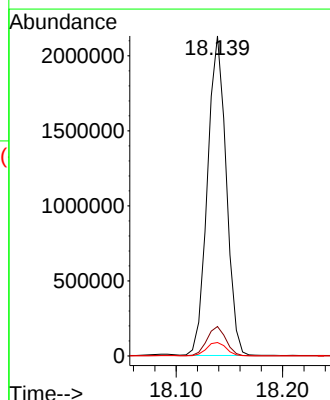
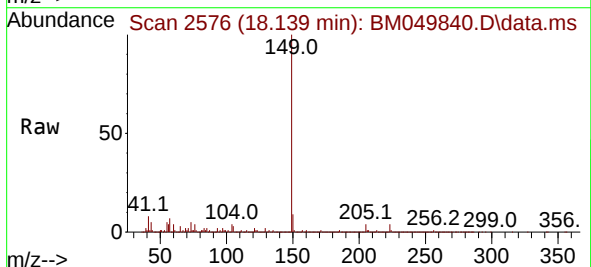
Delta R.T. -0.024 min

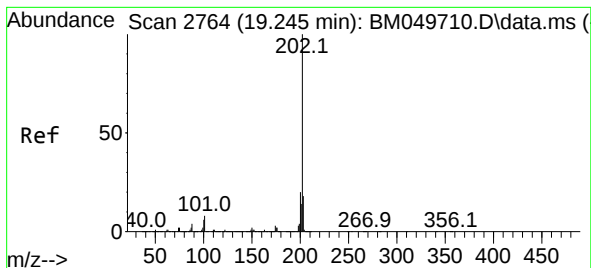
Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Tgt Ion:149 Resp: 2609863

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	4.2	3.9	5.9





#75

Fluoranthene

Concen: 34.354 ng

RT: 19.227 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

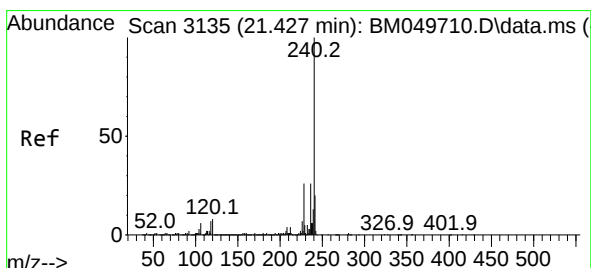
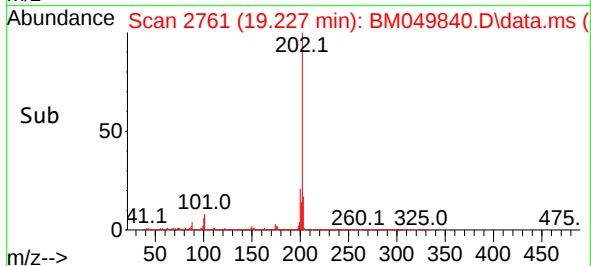
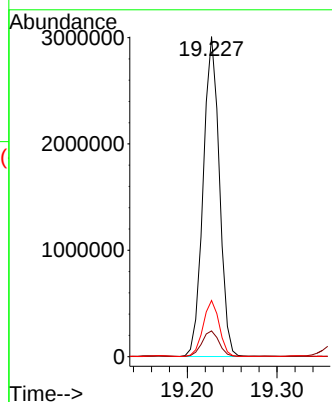
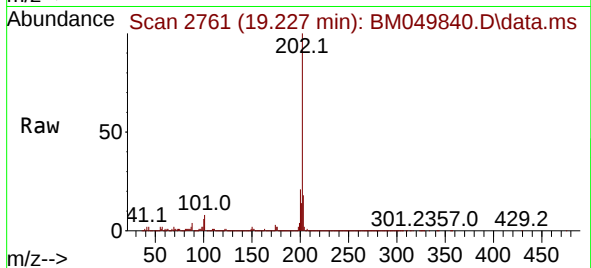
Tgt Ion:202 Resp: 3769266

Ion Ratio Lower Upper

202 100

101 8.0 0.0 27.8

203 17.6 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: BM049840.D

Acq: 07 Apr 2025 15:22

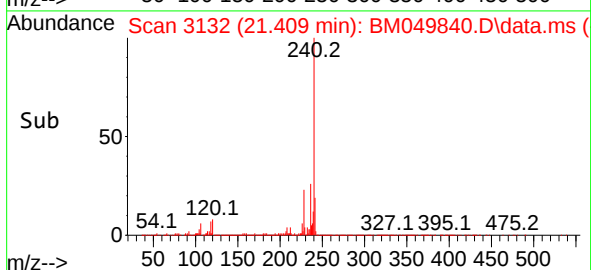
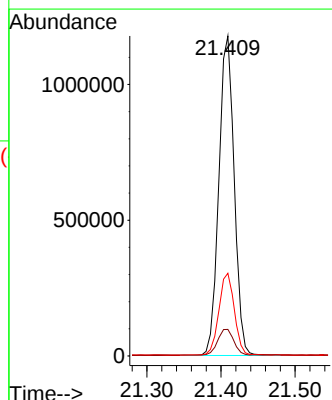
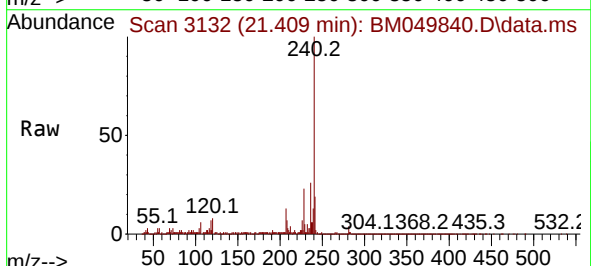
Tgt Ion:240 Resp: 1693342

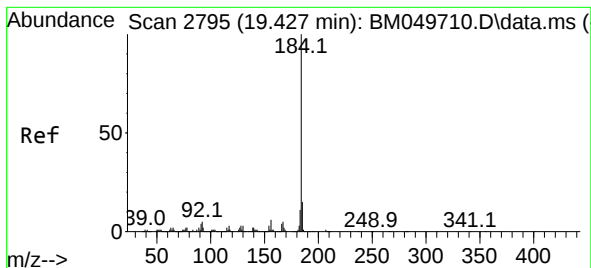
Ion Ratio Lower Upper

240 100

120 8.3 6.5 9.7

236 25.9 20.7 31.1





#77

Benzidine

Concen: 17.938 ng

RT: 19.409 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

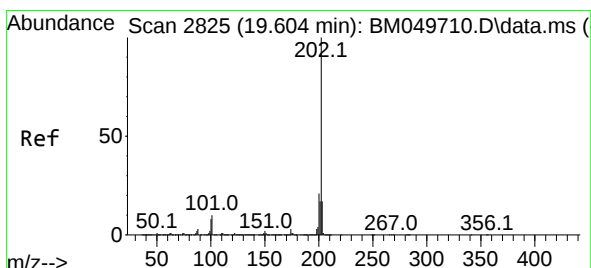
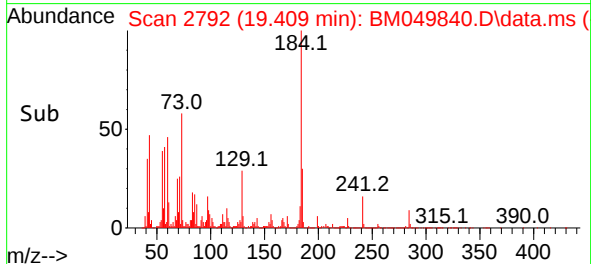
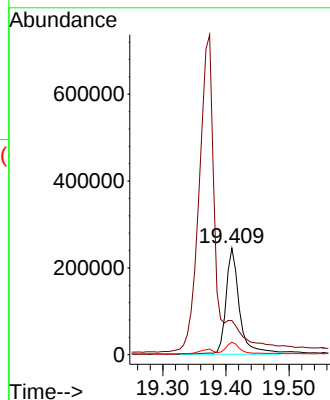
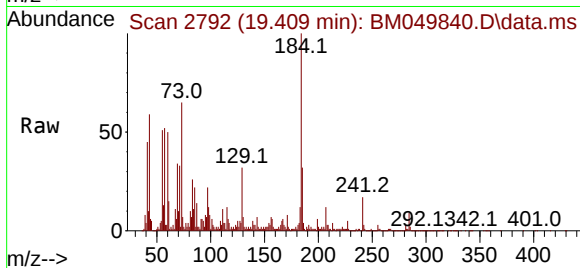
Tgt Ion:184 Resp: 364922

Ion Ratio Lower Upper

184 100

185 31.9 11.7 17.5#

183 11.7 8.8 13.2



#78

Pyrene

Concen: 31.299 ng

RT: 19.592 min Scan# 2823

Delta R.T. -0.012 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

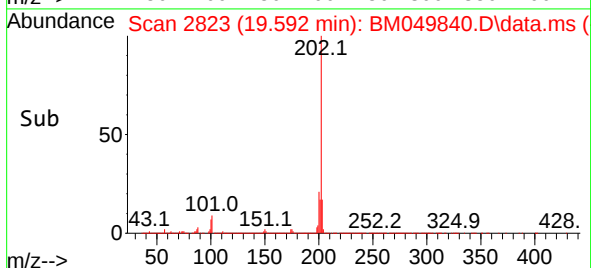
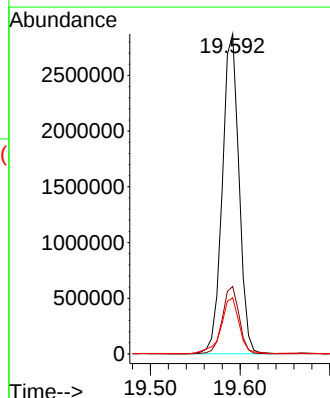
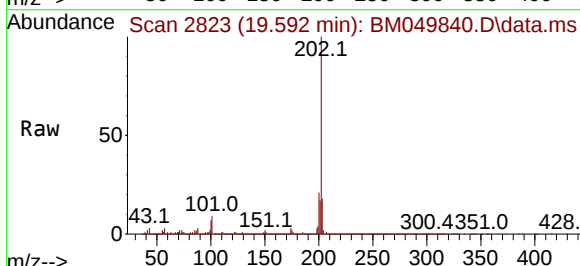
Tgt Ion:202 Resp: 3702863

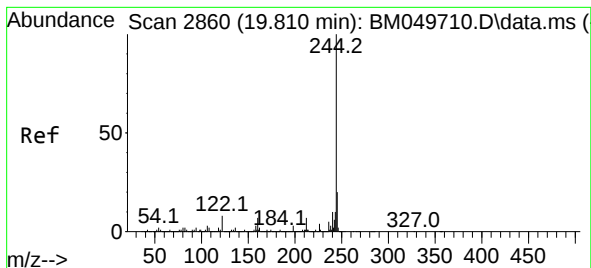
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 28.947 ng

RT: 19.792 min Scan# 2

Delta R.T. -0.018 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

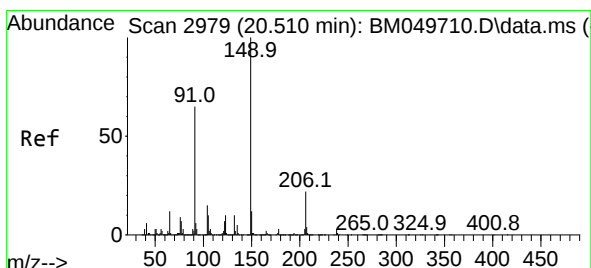
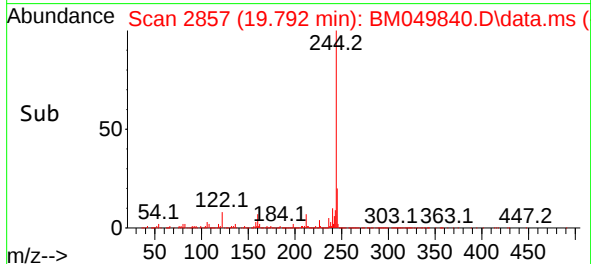
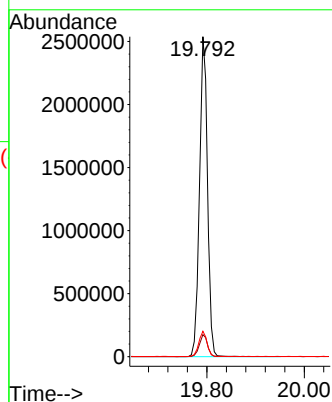
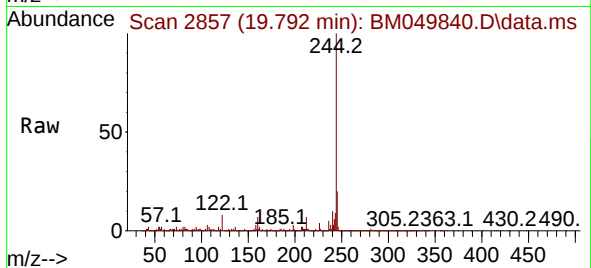
Tgt Ion:244 Resp: 2908837

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 7.9 6.0 9.0



#80

Butylbenzylphthalate

Concen: 31.982 ng

RT: 20.492 min Scan# 2976

Delta R.T. -0.018 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

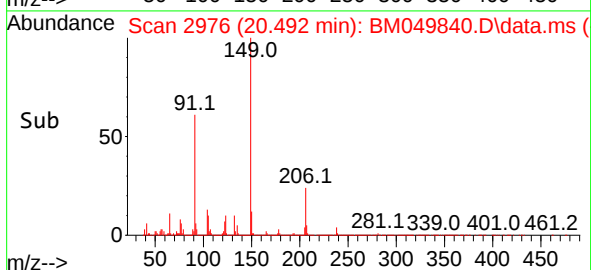
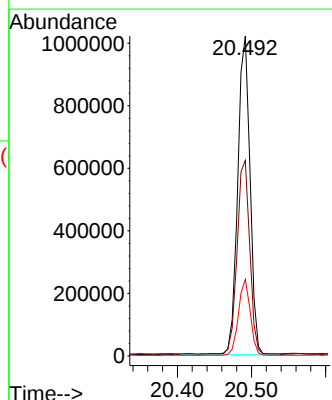
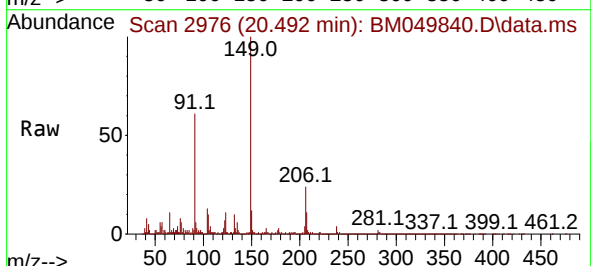
Tgt Ion:149 Resp: 1174213

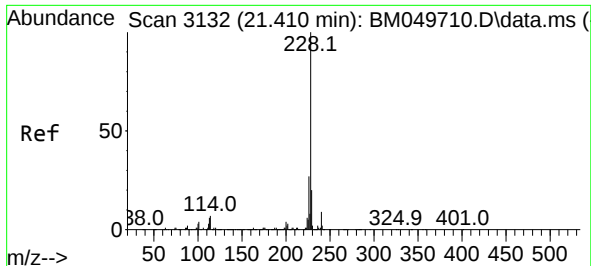
Ion Ratio Lower Upper

149 100

91 61.1 52.2 78.4

206 23.9 17.6 26.4

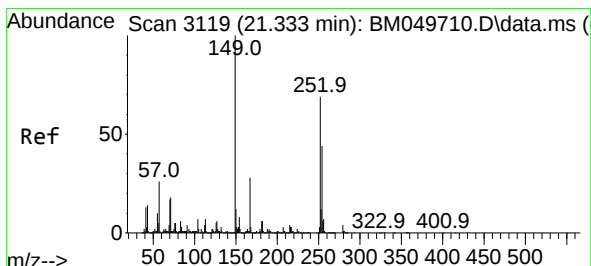
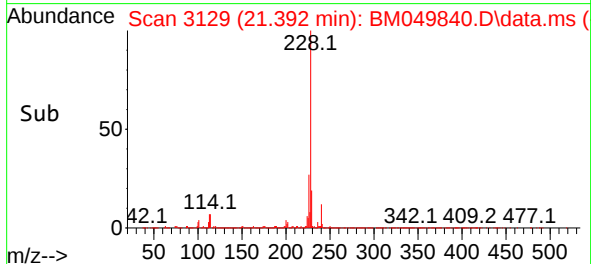
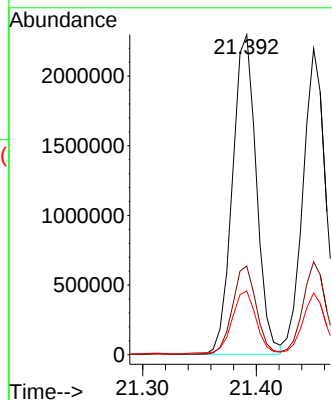
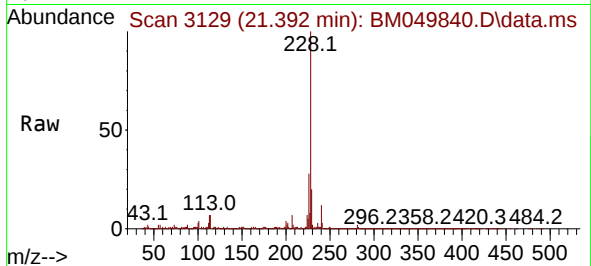




#81
Benzo(a)anthracene
Concen: 29.644 ng
RT: 21.392 min Scan# 3115
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

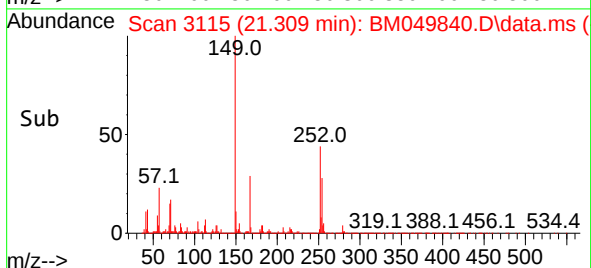
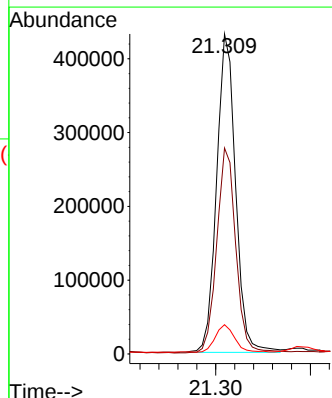
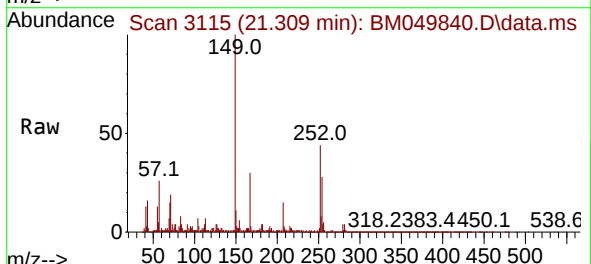
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

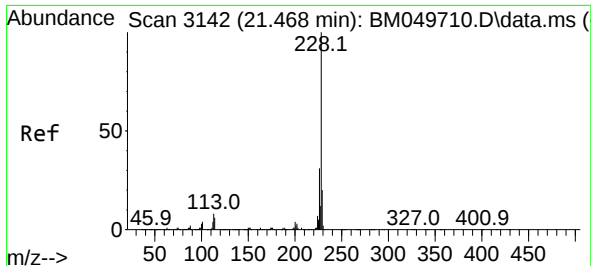
Tgt Ion:228 Resp: 3352891
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 16.349 ng
RT: 21.309 min Scan# 3115
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion:252 Resp: 602033
Ion Ratio Lower Upper
252 100
254 64.3 51.0 76.4
126 9.1 6.3 9.5

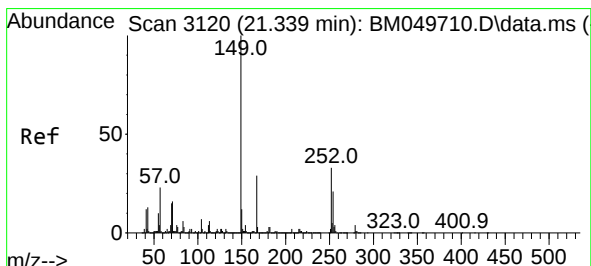
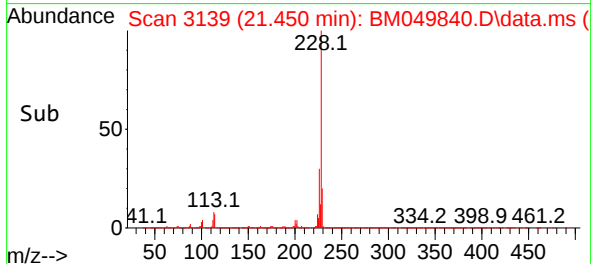
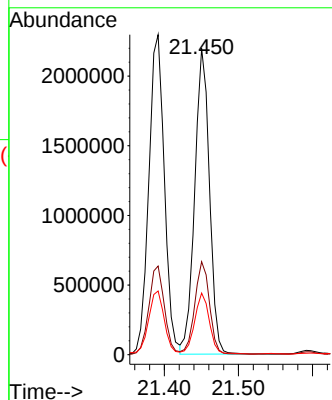
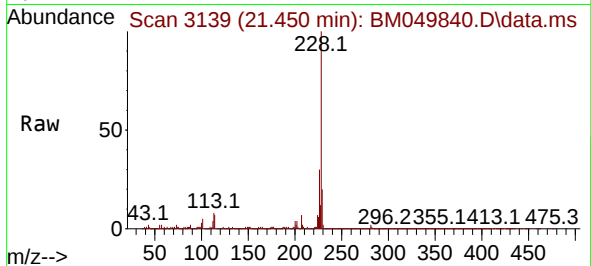




#83
Chrysene
Concen: 28.211 ng
RT: 21.450 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

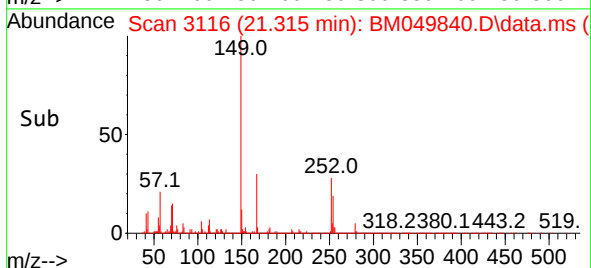
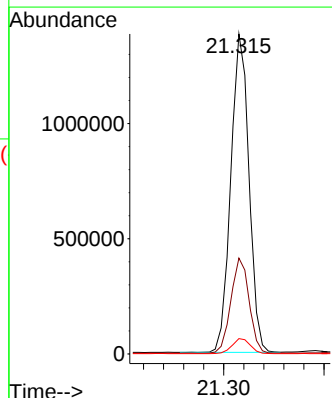
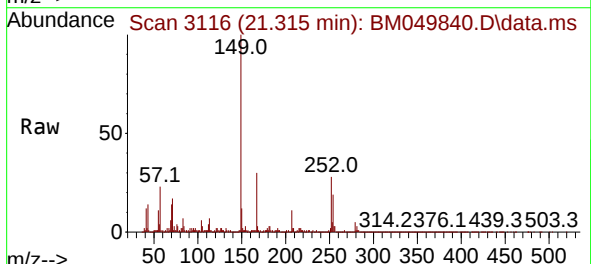
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

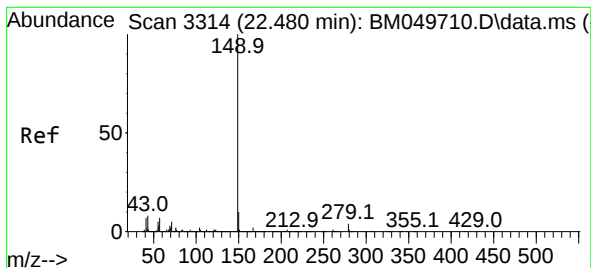
Tgt Ion:228 Resp: 3024622
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 20.1 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 30.373 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Tgt Ion:149 Resp: 1737937
Ion Ratio Lower Upper
149 100
167 29.9 22.9 34.3
279 4.8 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 33.551 ng

RT: 22.450 min Scan# 31

Delta R.T. -0.030 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

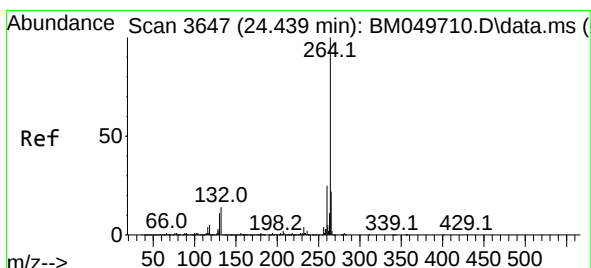
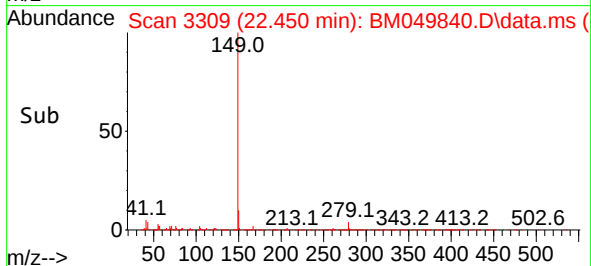
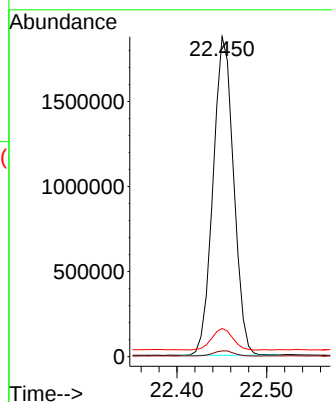
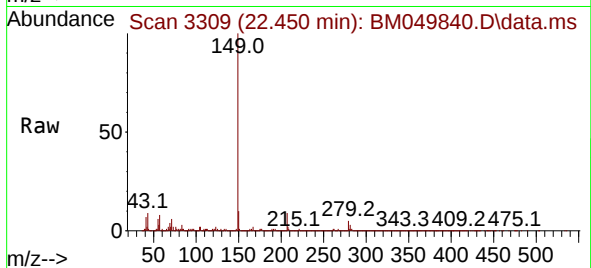
Tgt Ion:149 Resp: 2983839

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 6.8 6.8 10.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.409 min Scan# 3642

Delta R.T. -0.030 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

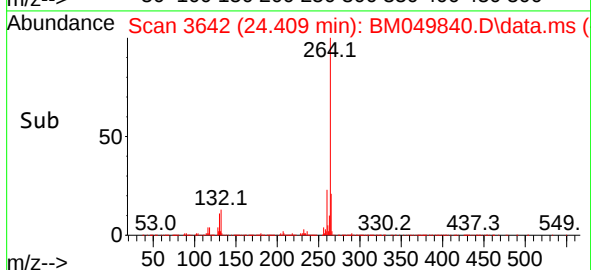
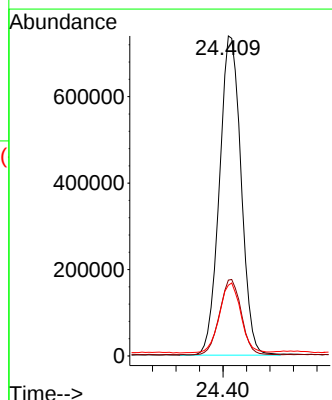
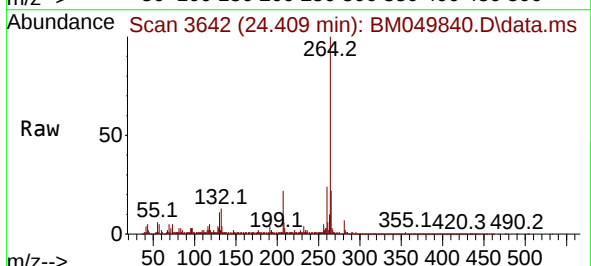
Tgt Ion:264 Resp: 1886435

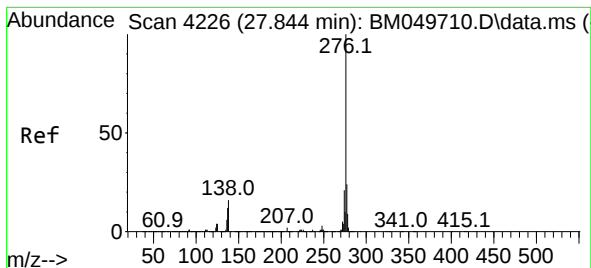
Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 22.1 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 28.095 ng

RT: 27.809 min Scan# 41

Delta R.T. -0.036 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

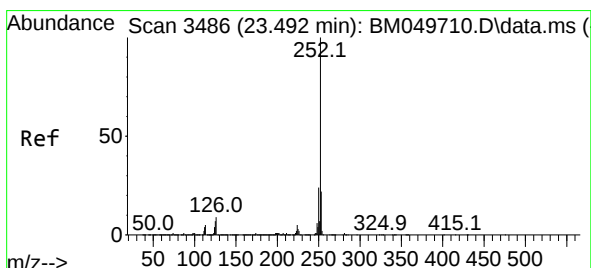
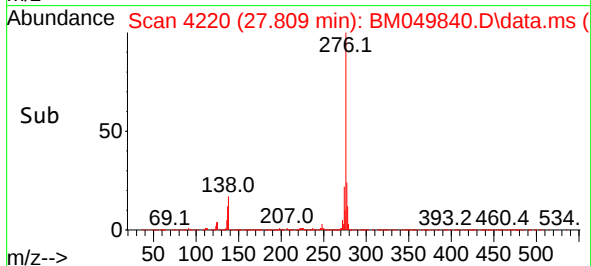
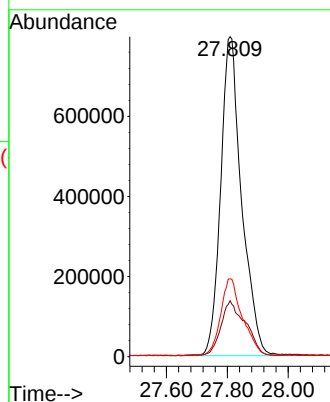
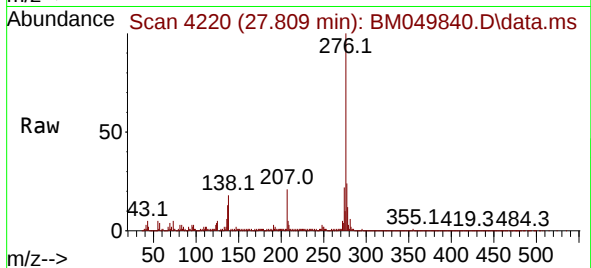
Tgt Ion:276 Resp: 3814615

Ion Ratio Lower Upper

276 100

138 19.9 16.3 24.5

277 24.8 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 26.581 ng

RT: 23.462 min Scan# 3481

Delta R.T. -0.030 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

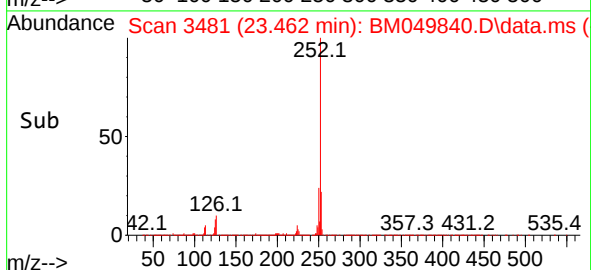
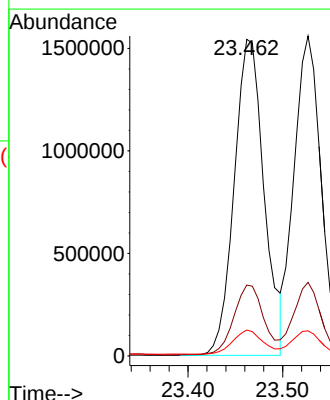
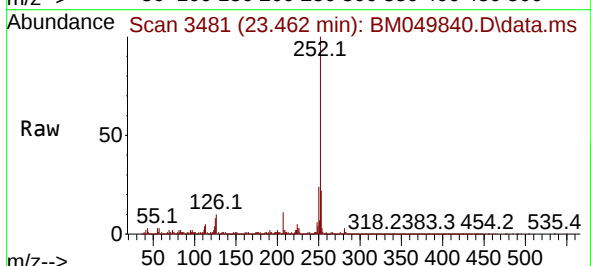
Tgt Ion:252 Resp: 3377304

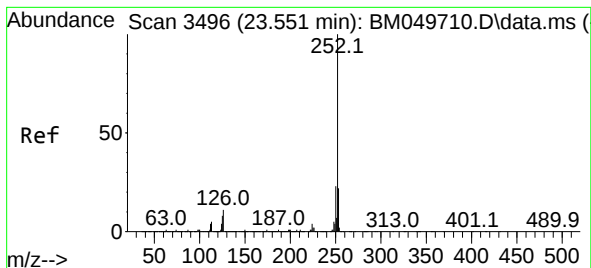
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 8.2 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 24.868 ng

RT: 23.527 min Scan# 34

Delta R.T. -0.024 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

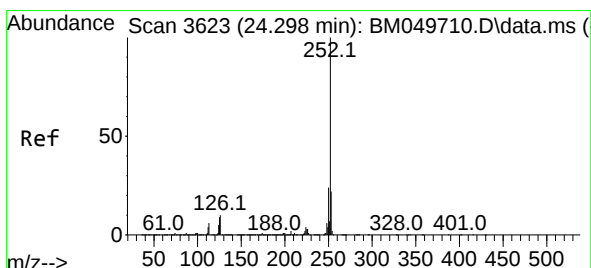
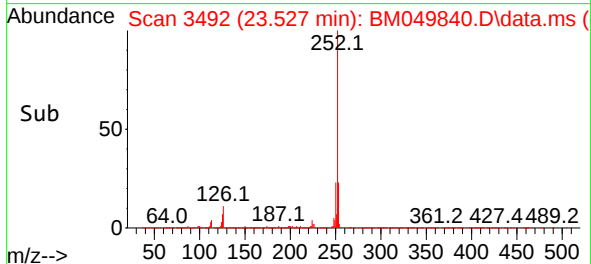
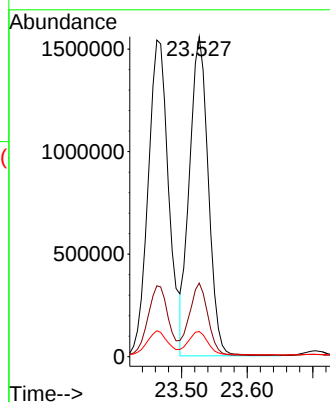
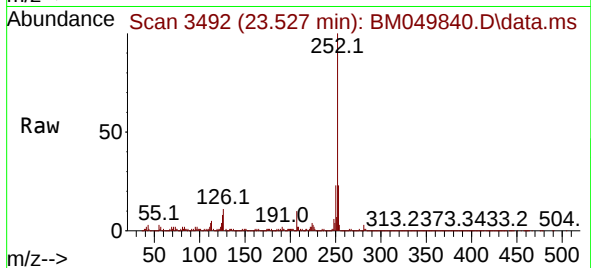
Tgt Ion:252 Resp: 3109134

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

125 7.9 6.2 9.2



#90

Benzo(a)pyrene

Concen: 29.601 ng

RT: 24.274 min Scan# 3619

Delta R.T. -0.024 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

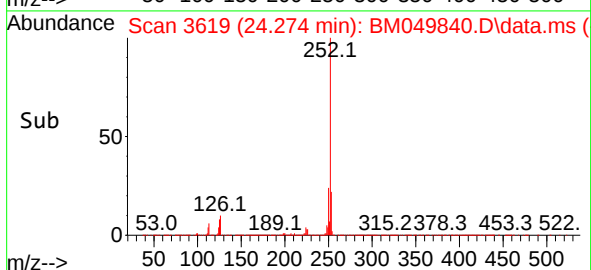
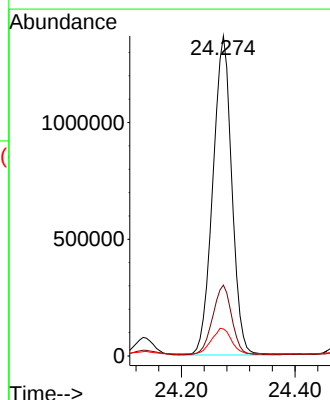
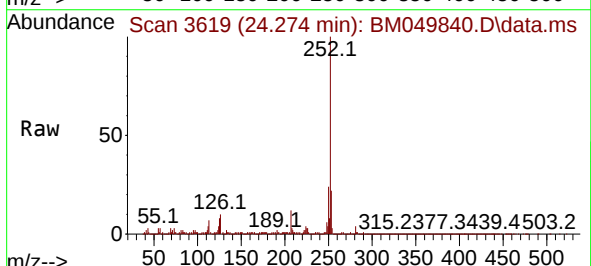
Tgt Ion:252 Resp: 3159107

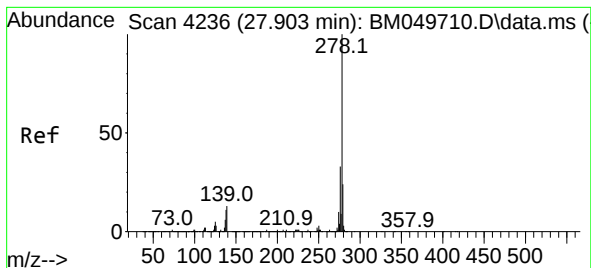
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 8.5 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 26.410 ng

RT: 27.868 min Scan# 41

Delta R.T. -0.036 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

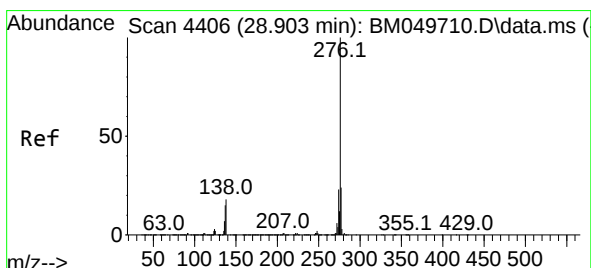
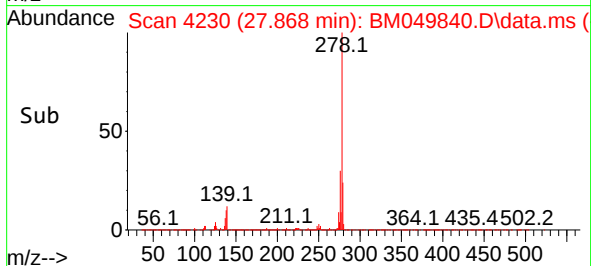
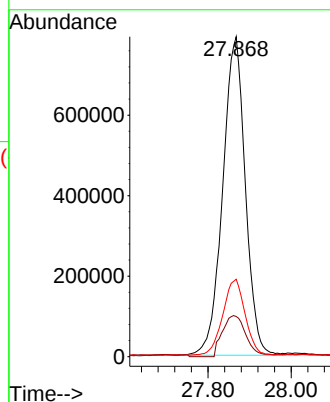
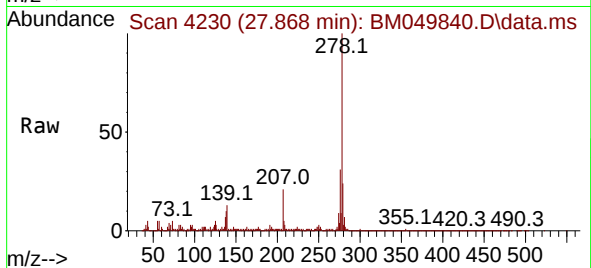
Tgt Ion:278 Resp: 2987633

Ion Ratio Lower Upper

278 100

139 12.6 10.1 15.1

279 24.2 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 26.906 ng

RT: 28.868 min Scan# 4400

Delta R.T. -0.036 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Tgt Ion:276 Resp: 3065814

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 18.8 14.0 21.0

