

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 16:21:56 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	681728m	25.285	ng
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
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
44) 2,4,5-Trichlorophenol	12.927	196	641644	32.177	ng 99

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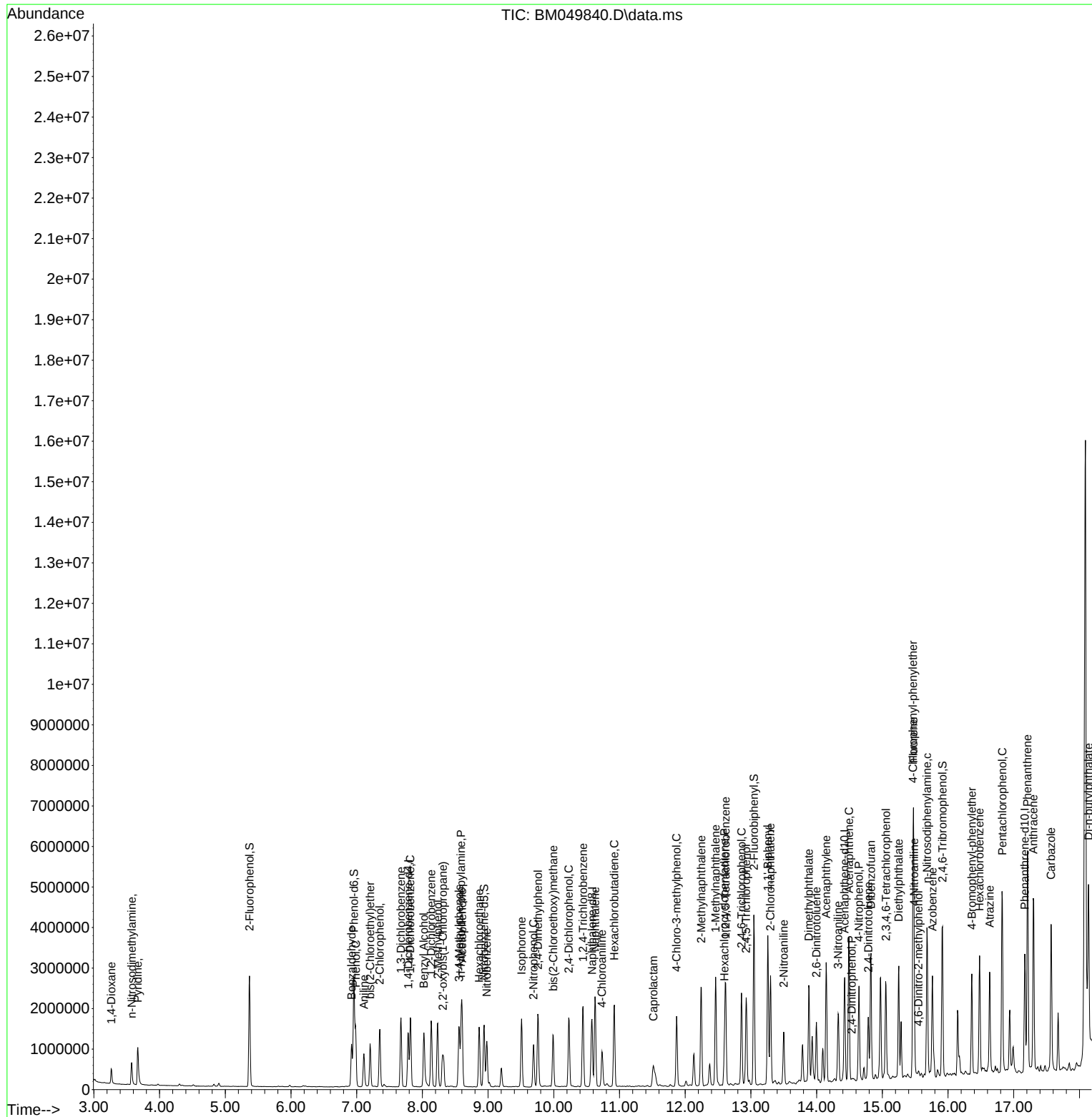
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.257	154	1728179	25.244	ng	99
47) 2-Chloronaphthalene	13.298	162	1361107	25.544	ng	99
48) 2-Nitroaniline	13.498	65	322997	27.002	ng	90
49) Acenaphthylene	14.145	152	2086203	28.010	ng	99
50) Dimethylphthalate	13.880	163	1592660	26.043	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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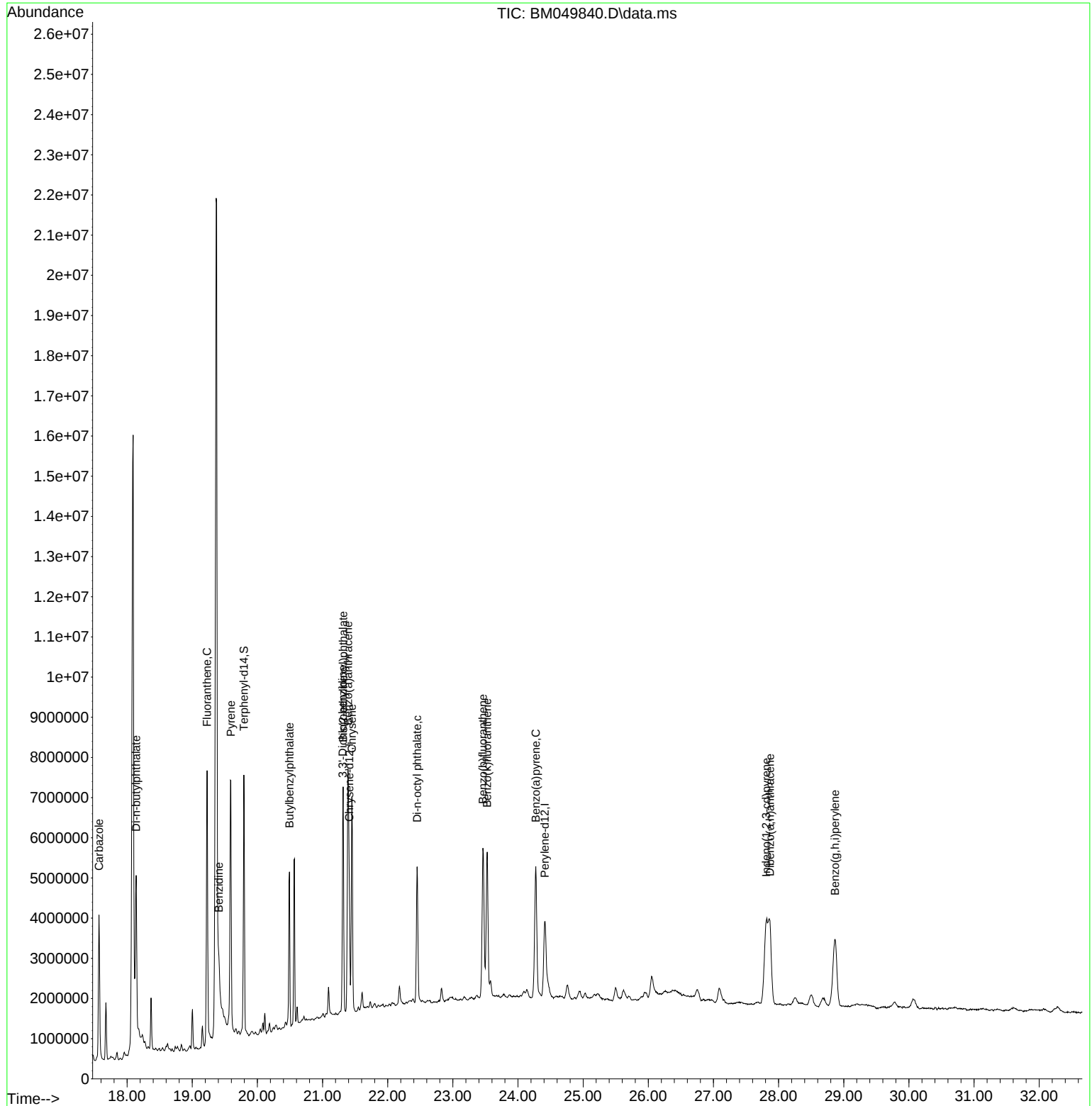
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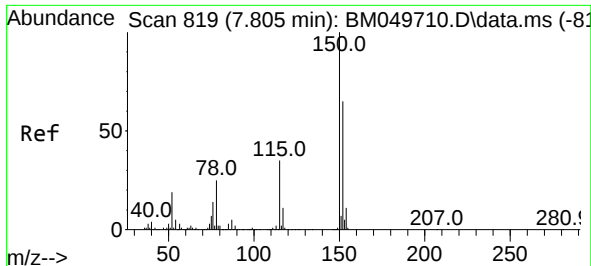


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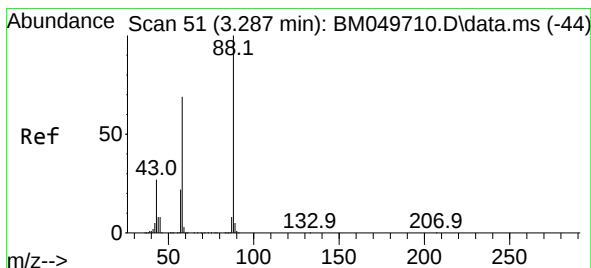
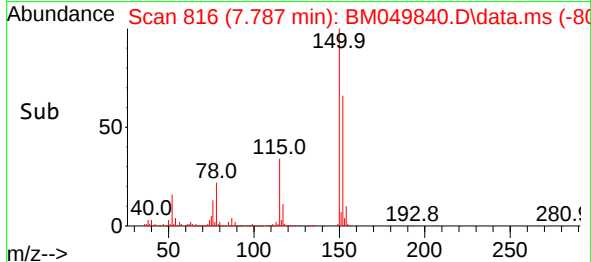
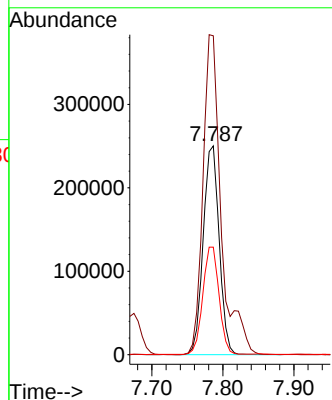
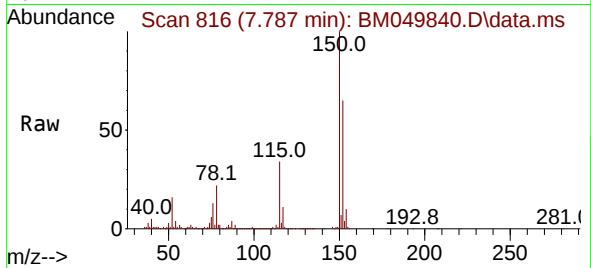




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BM049840.D
 Acq: 07 Apr 2025 15:22

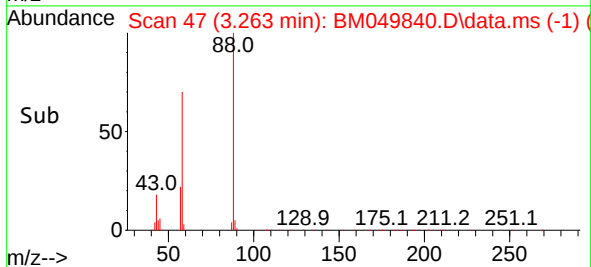
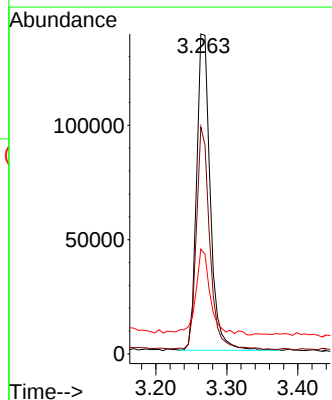
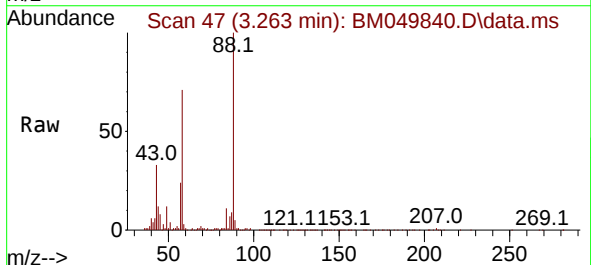
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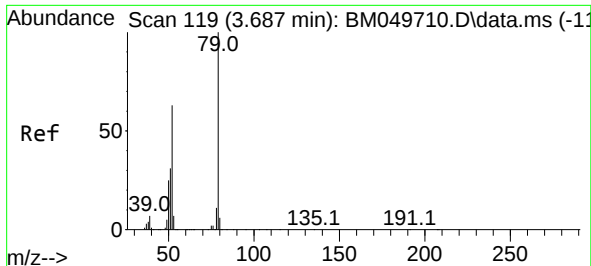
Tgt Ion:152 Resp: 392804
 Ion Ratio Lower Upper
 152 100
 150 152.7 123.8 185.8
 115 51.5 43.0 64.6



#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

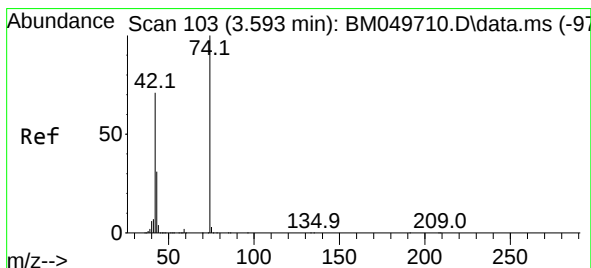
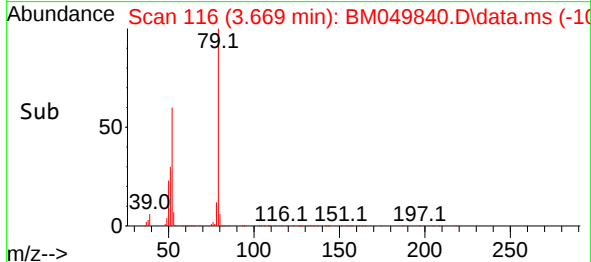
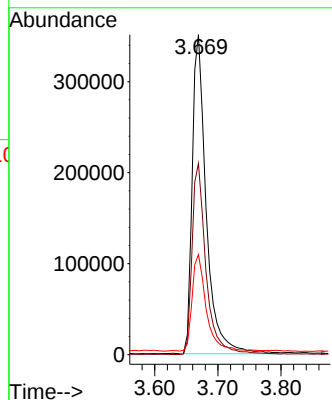
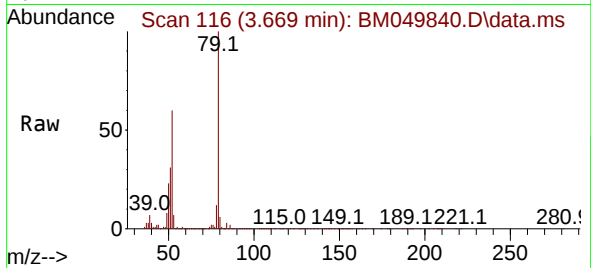




#3
Pyridine
Concen: 20.960 ng
RT: 3.669 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

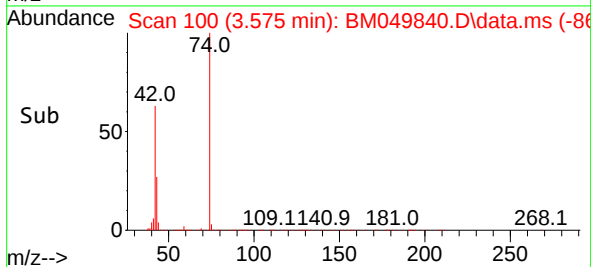
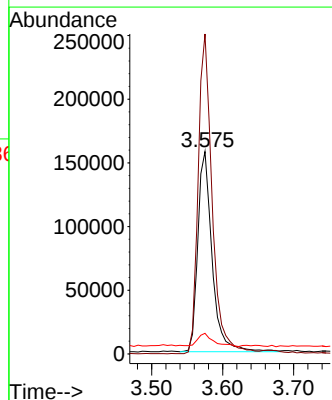
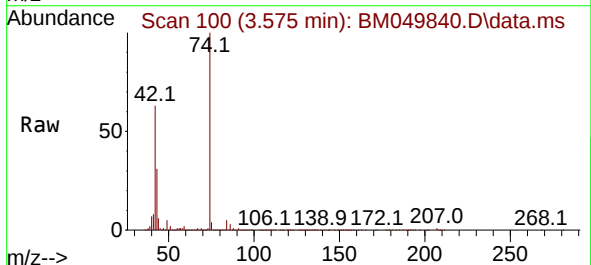
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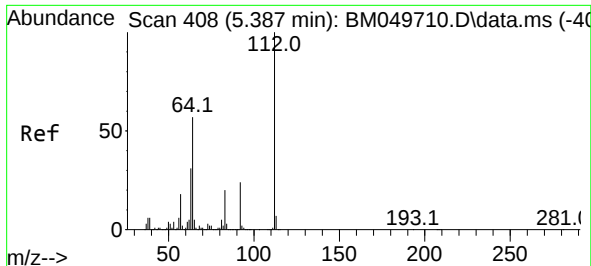
Tgt Ion: 79 Resp: 539454
Ion Ratio Lower Upper
79 100
52 59.8 50.1 75.1
51 31.3 25.2 37.8



#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

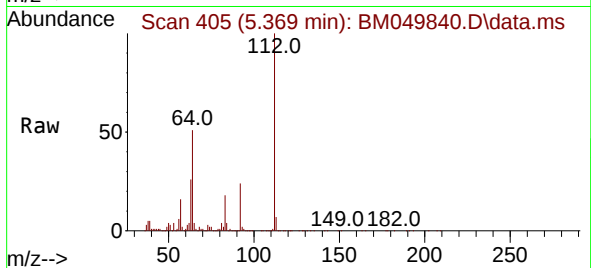
Tgt Ion: 42 Resp: 220833
Ion Ratio Lower Upper
42 100
74 158.1 112.6 168.8
44 10.2 5.0 7.6



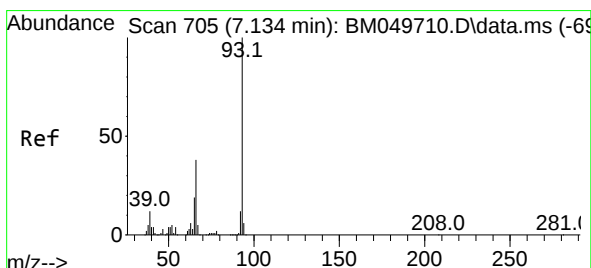
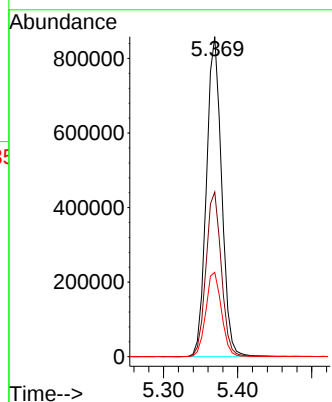
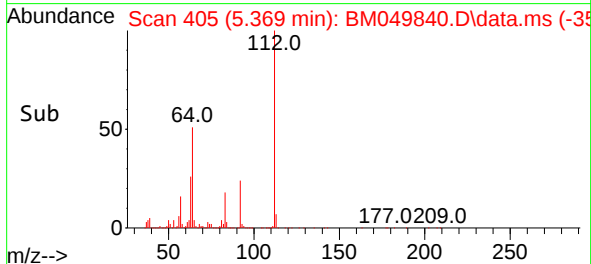


#5
2-Fluorophenol
Concen: 52.631 ng
RT: 5.369 min Scan# 408
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

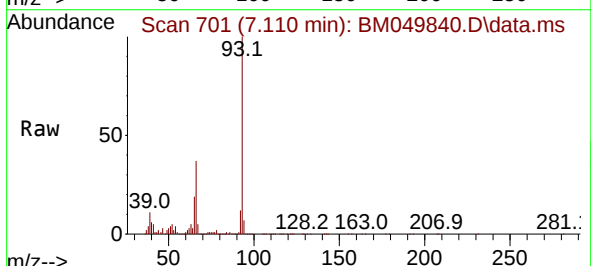
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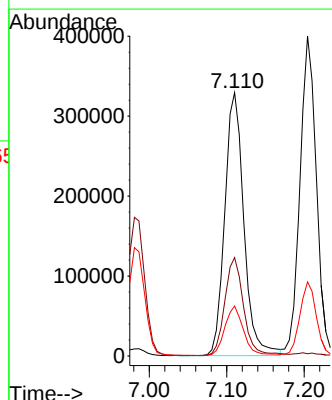
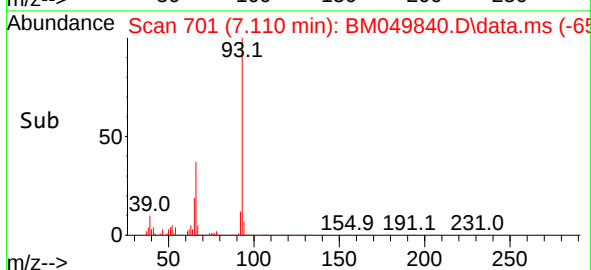
Tgt Ion:112 Resp: 1225224
Ion Ratio Lower Upper
112 100
64 51.5 45.3 67.9
63 26.4 24.4 36.6

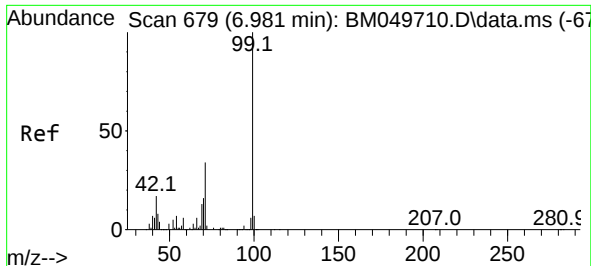


#6
Aniline
Concen: 23.089 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22



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



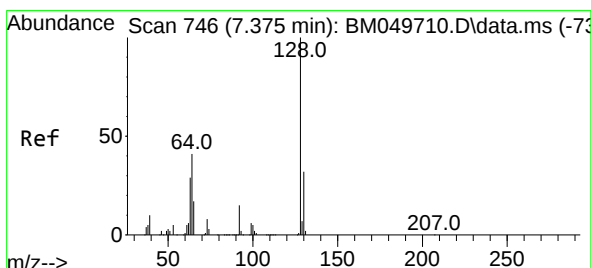
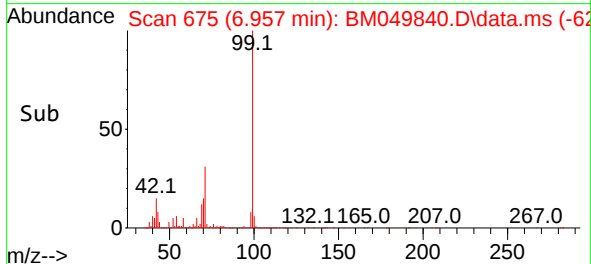
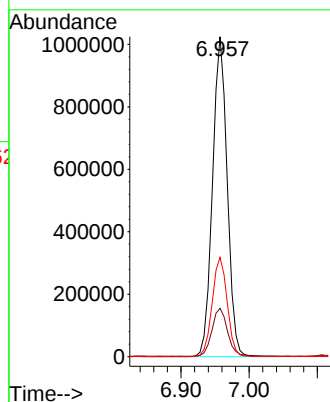
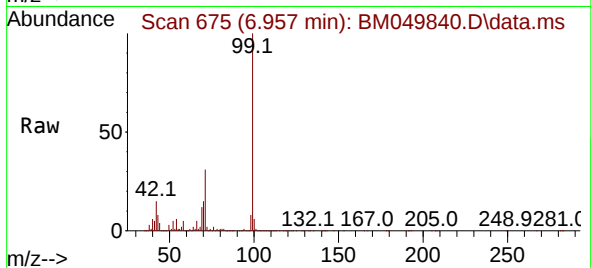


#7
Phenol-d6
Concen: 52.552 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

Tgt Ion: 99 Resp: 1535286

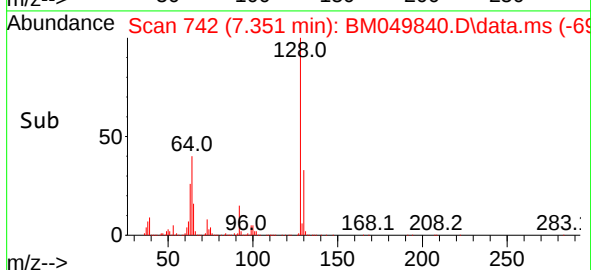
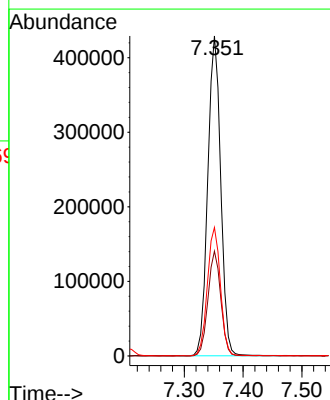
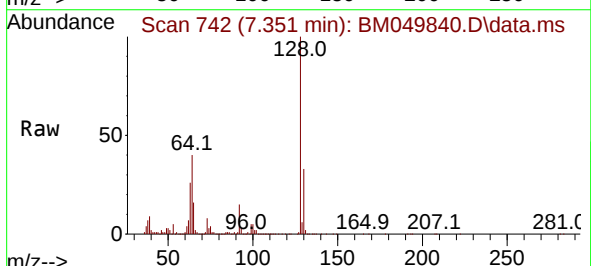
Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.6	20.4
71	31.0	27.0	40.6

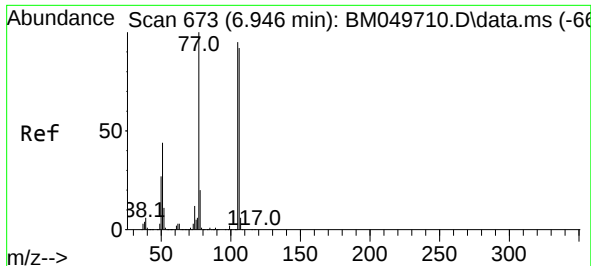


#8
2-Chlorophenol
Concen: 28.389 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.024 min
Lab File: BM049840.D
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Tgt Ion: 128 Resp: 654462

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	40.1	24.9	64.9

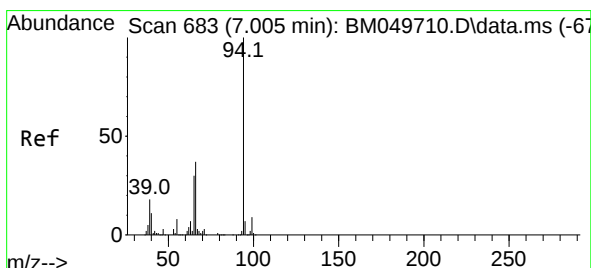
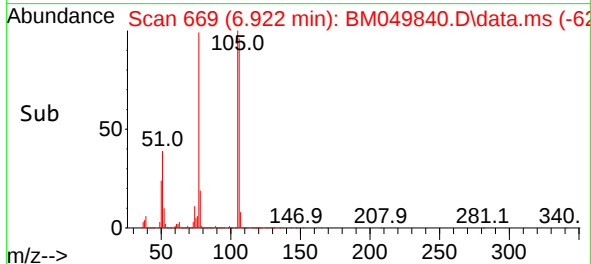
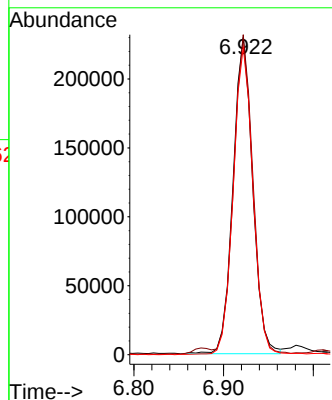
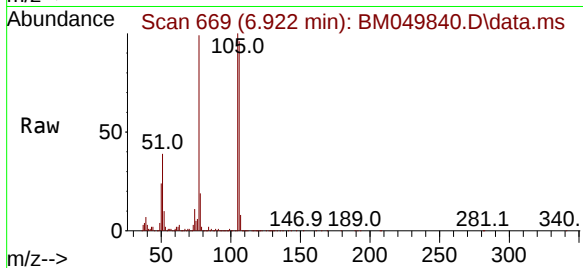




#9
Benzaldehyde
Concen: 24.123 ng
RT: 6.922 min Scan# 609
Delta R.T. -0.024 min
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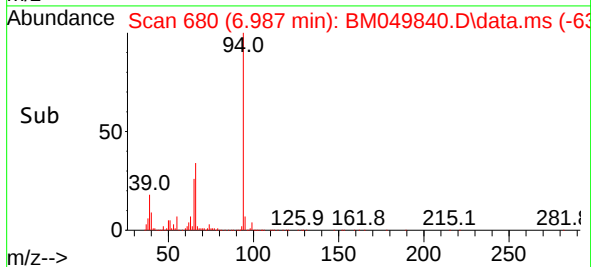
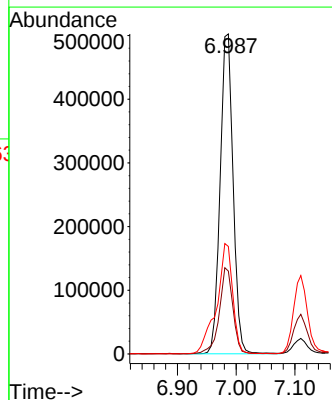
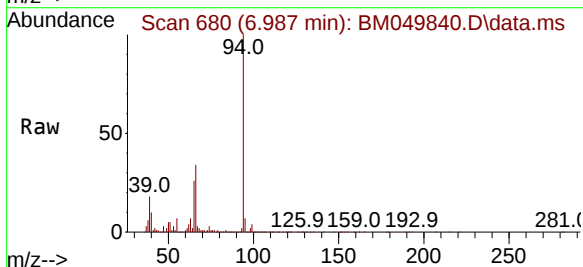
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

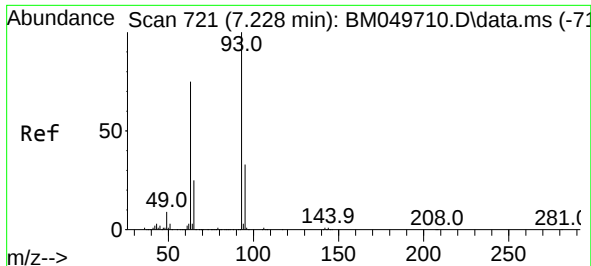
Tgt Ion: 77 Resp: 348406
Ion Ratio Lower Upper
77 100
105 100.8 75.0 115.0
106 96.9 72.3 112.3



#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

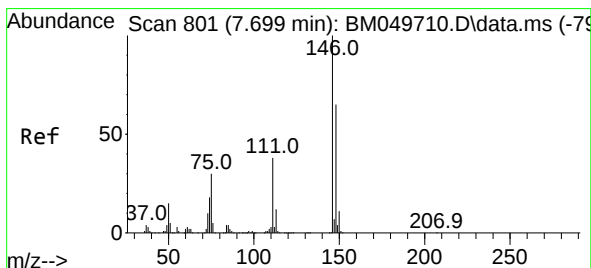
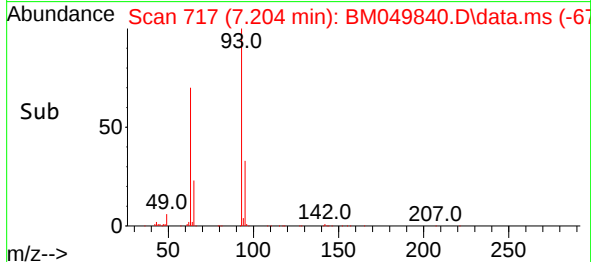
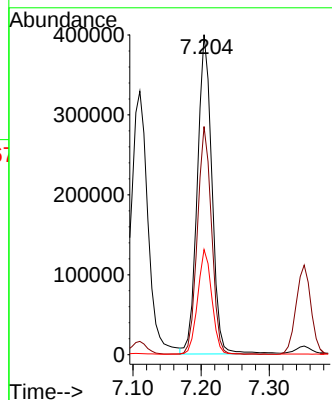
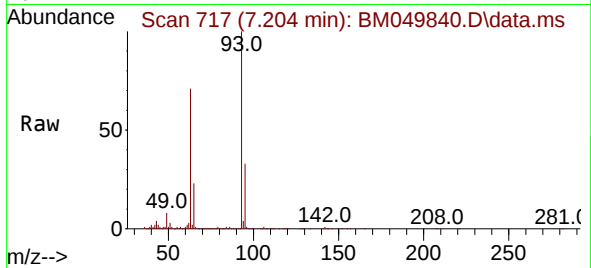




#11
bis(2-Chloroethyl)ether
Concen: 25.827 ng
RT: 7.204 min Scan# 717
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

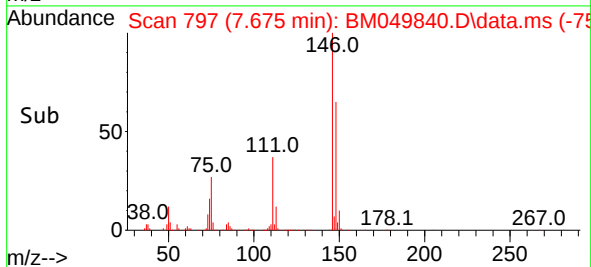
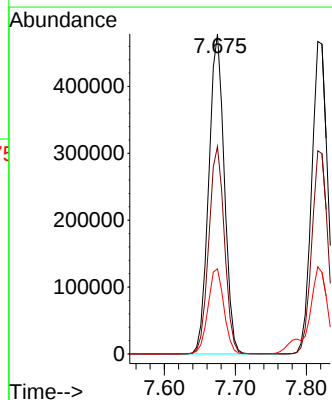
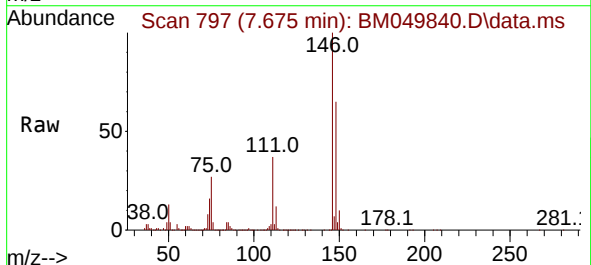
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

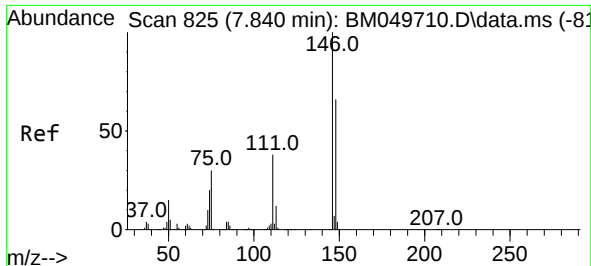
Tgt Ion: 93 Resp: 592450
Ion Ratio Lower Upper
93 100
63 71.3 54.8 94.8
95 32.9 12.8 52.8



#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

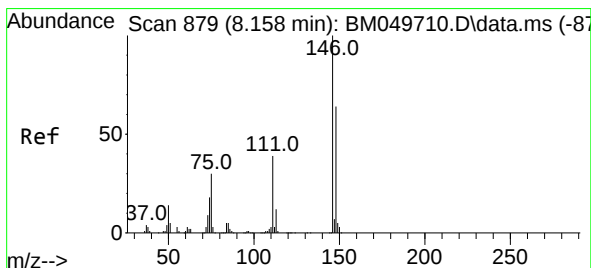
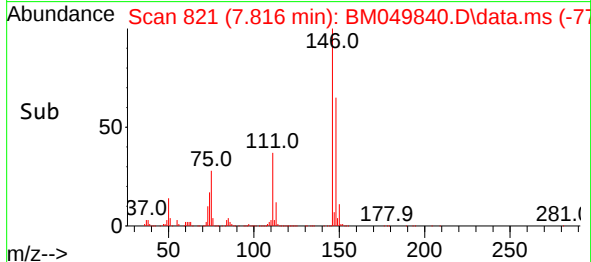
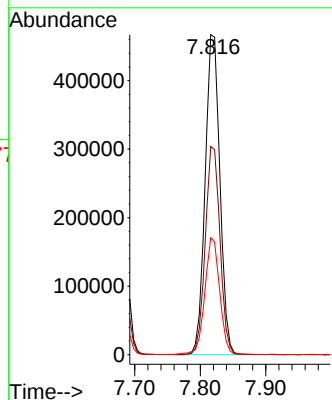
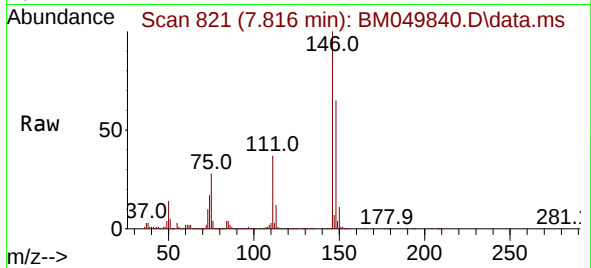




#13
1,4-Dichlorobenzene
Concen: 25.887 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

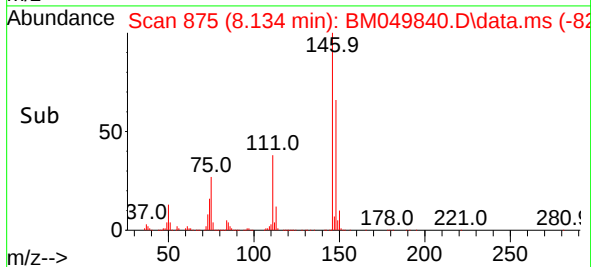
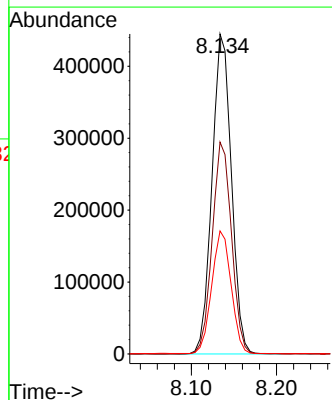
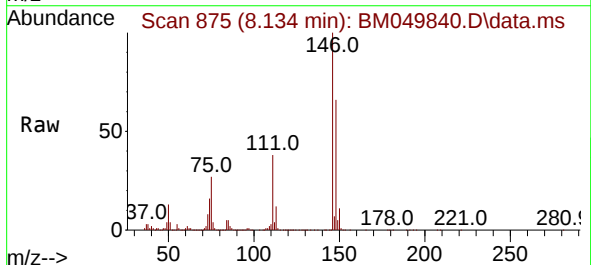
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

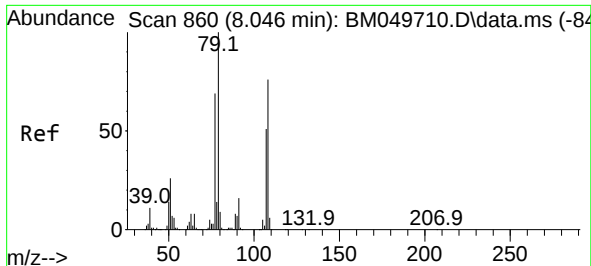
Tgt Ion:146 Resp: 731656
Ion Ratio Lower Upper
146 100
148 65.1 52.6 79.0
111 36.6 30.8 46.2



#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

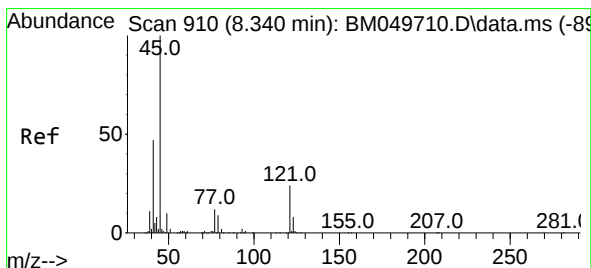
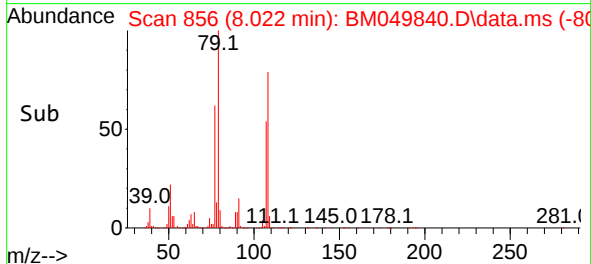
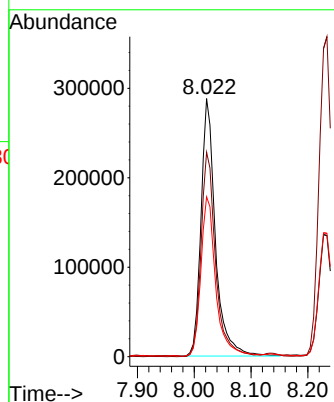
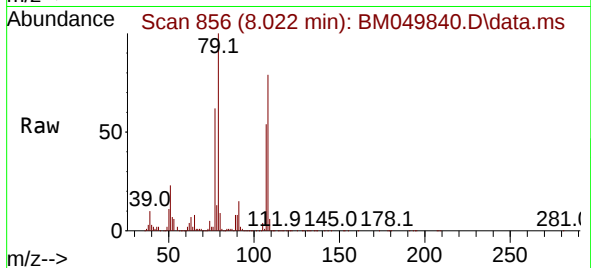




#15
Benzyl Alcohol
Concen: 27.636 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

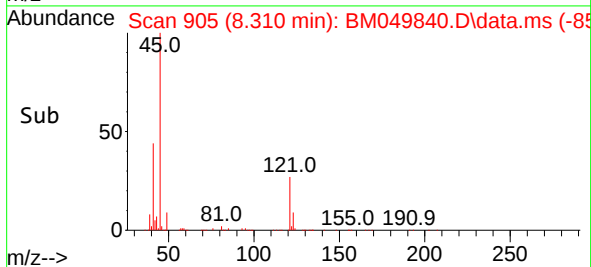
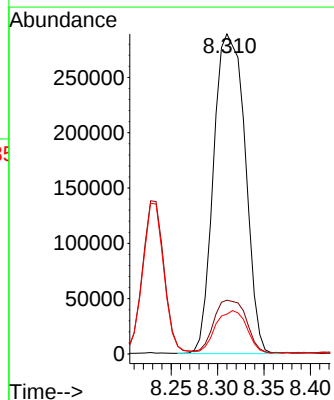
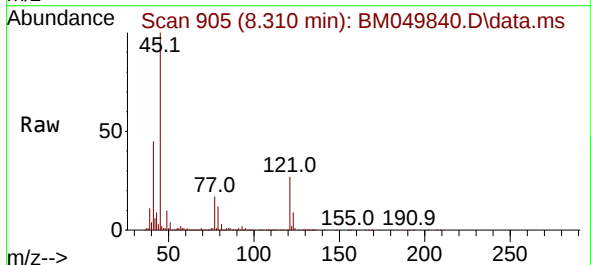
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

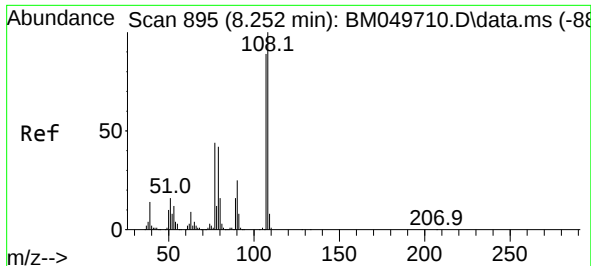
Tgt Ion: 79 Resp: 506673
Ion Ratio Lower Upper
79 100
108 79.2 60.7 91.1
77 61.9 55.4 83.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 25.285 ng m
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: 681728
Ion Ratio Lower Upper
45 100
77 16.8 0.0 36.1
79 12.5 0.0 32.8

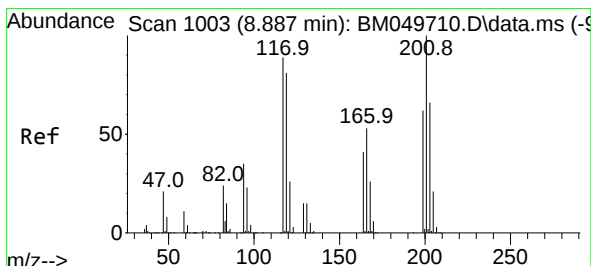
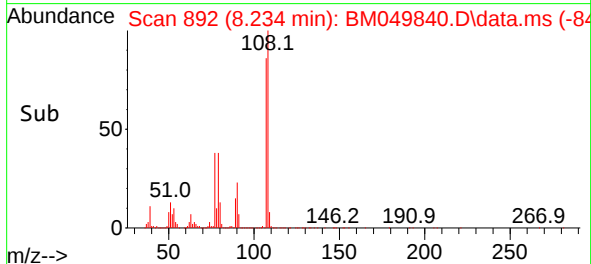
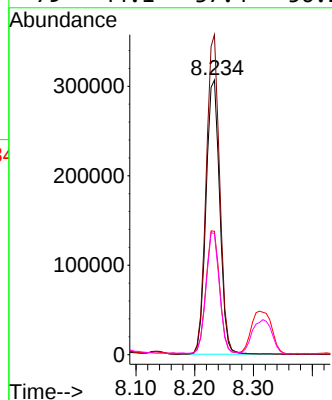
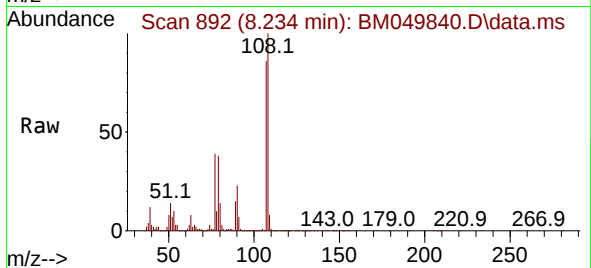




#17
2-Methylphenol
Concen: 29.421 ng
RT: 8.234 min Scan# 895
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

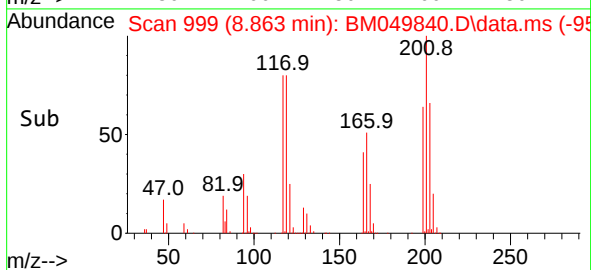
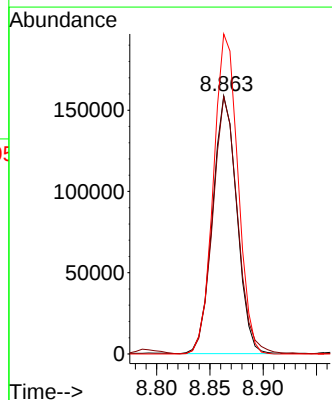
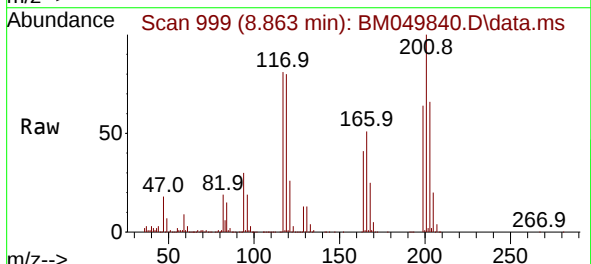
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

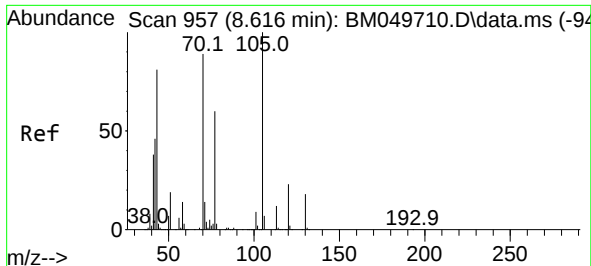
Tgt Ion:	107	Resp:	494812
Ion	Ratio	Lower	Upper
107	100		
108	116.5	89.6	134.4
77	44.9	39.8	59.6
79	44.1	37.4	56.2



#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



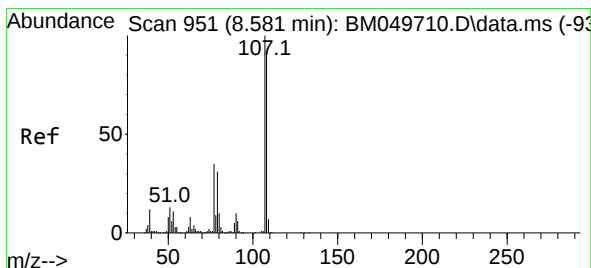
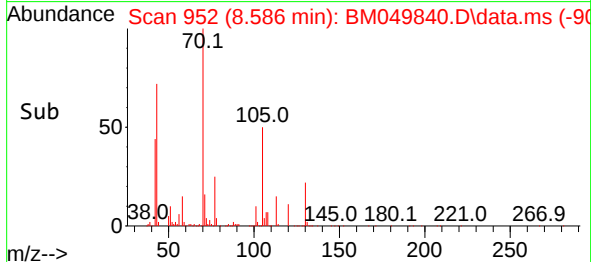
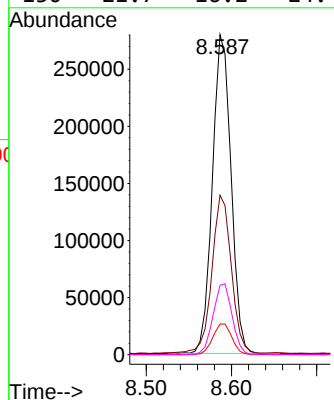
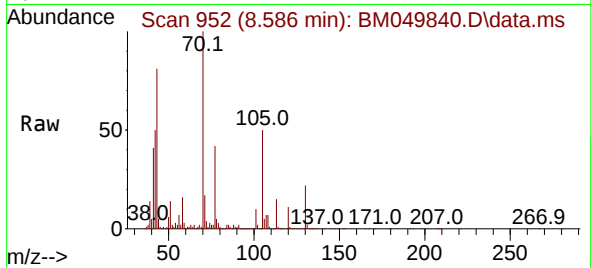


#19
n-Nitroso-di-n-propylamine
Concen: 25.008 ng
RT: 8.586 min Scan# 911
Delta R.T. -0.030 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

Tgt Ion: 70 Resp: 423645

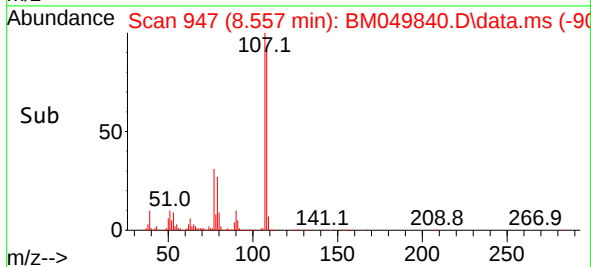
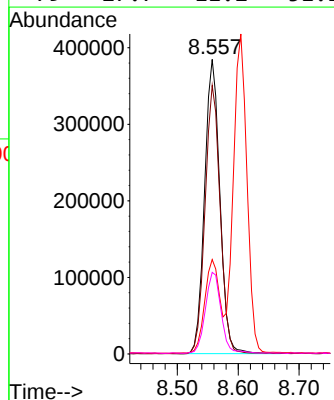
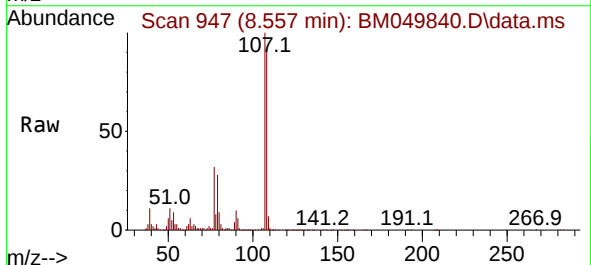
Ion	Ratio	Lower	Upper
70	100		
42	49.8	41.8	62.6
101	9.6	7.7	11.5
130	21.7	16.2	24.4

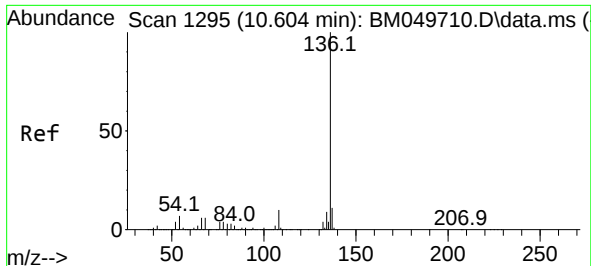


#20
3+4-Methylphenols
Concen: 29.829 ng
RT: 8.557 min Scan# 947
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

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



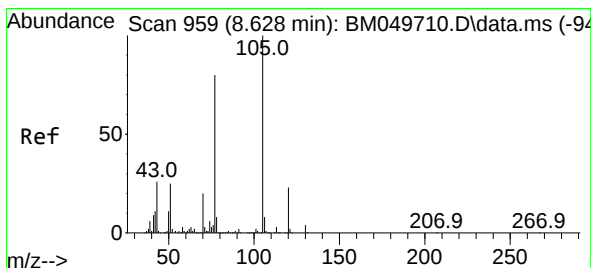
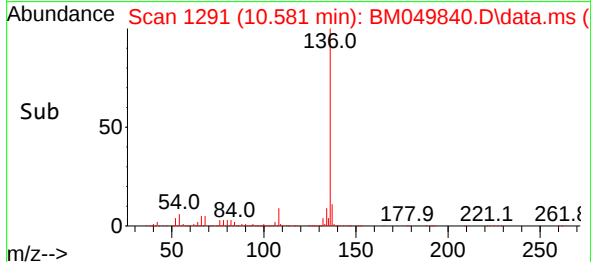
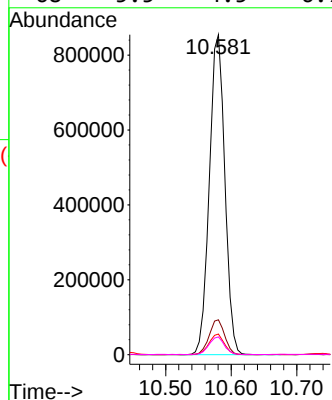
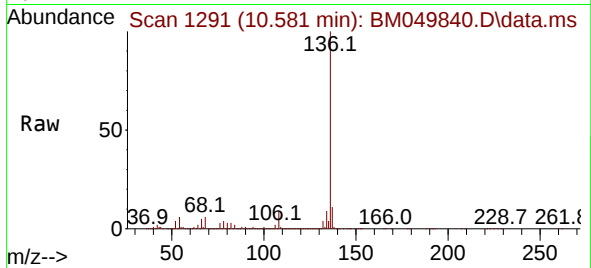


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

Tgt Ion:136 Resp: 1404251

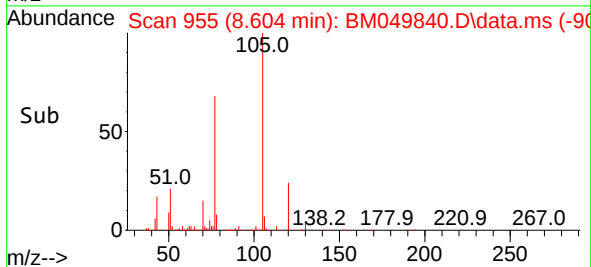
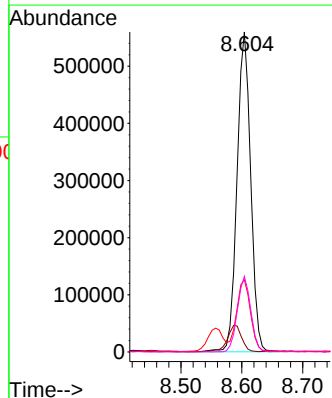
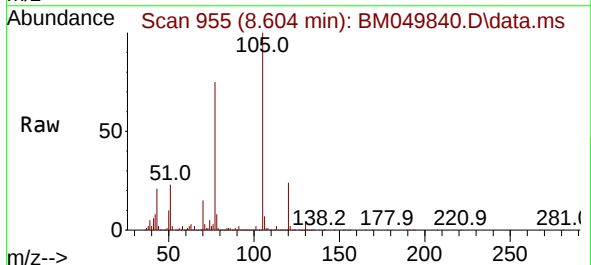
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.5	5.8	8.8
68	5.5	4.5	6.7

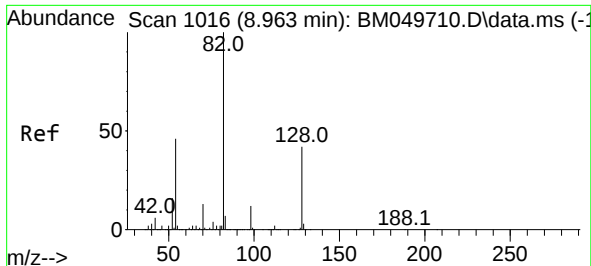


#22
Acetophenone
Concen: 24.015 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

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

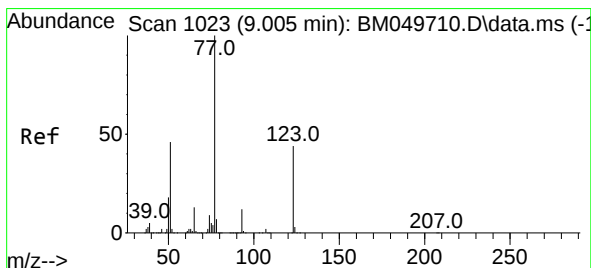
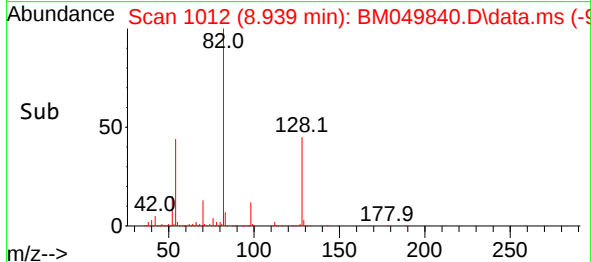
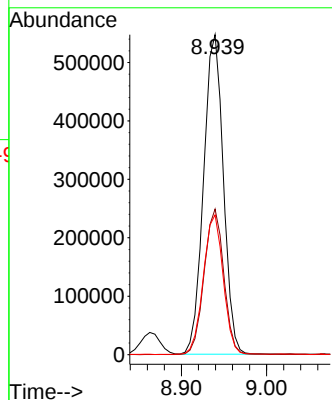
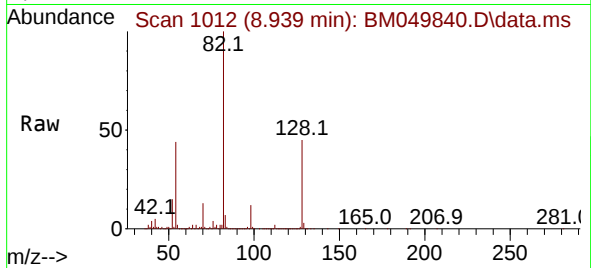




#23
Nitrobenzene-d5
Concen: 32.206 ng
RT: 8.939 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

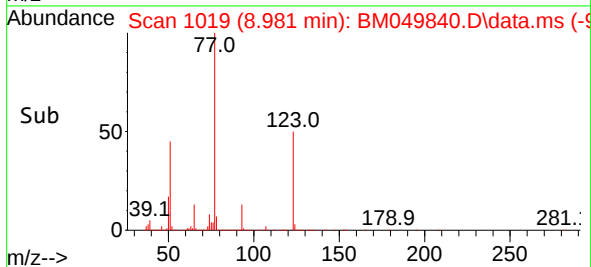
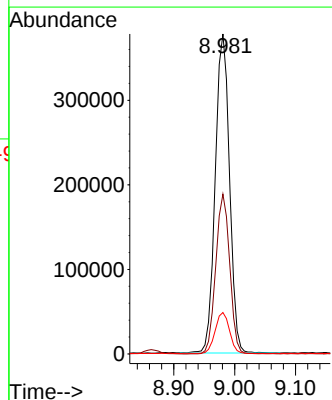
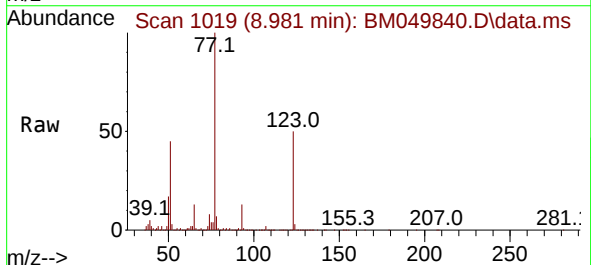
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

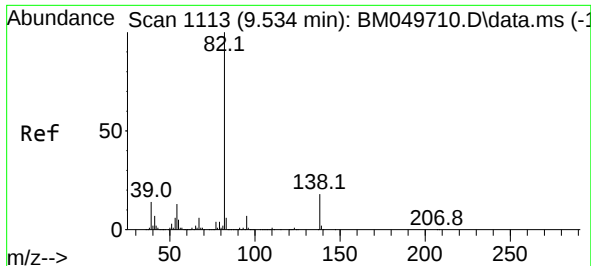
Tgt Ion: 82 Resp: 880861
Ion Ratio Lower Upper
82 100
128 45.5 33.4 50.0
54 43.7 36.4 54.6



#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

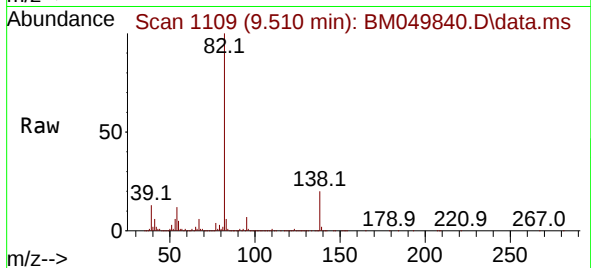
Tgt Ion: 77 Resp: 613433
Ion Ratio Lower Upper
77 100
123 49.9 34.9 52.3
65 13.0 10.6 15.8



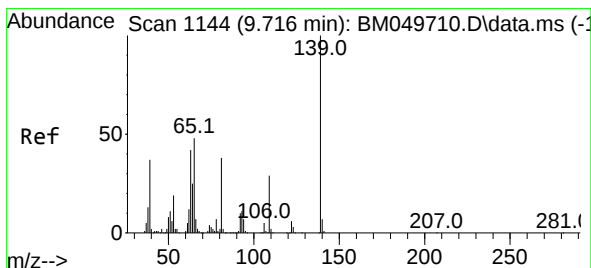
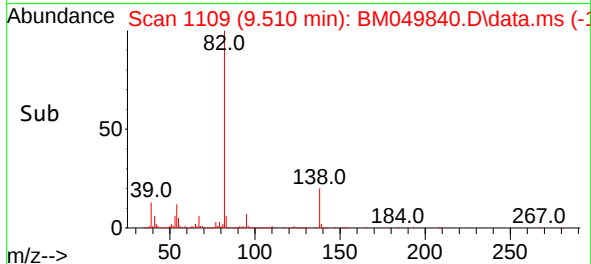
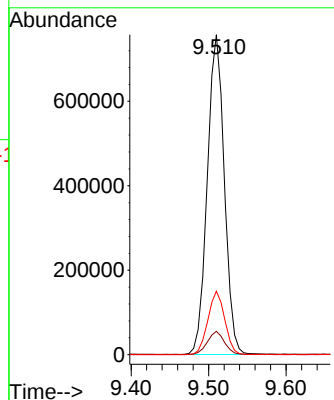


#25
Isophorone
Concen: 27.501 ng
RT: 9.510 min Scan# 1109
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

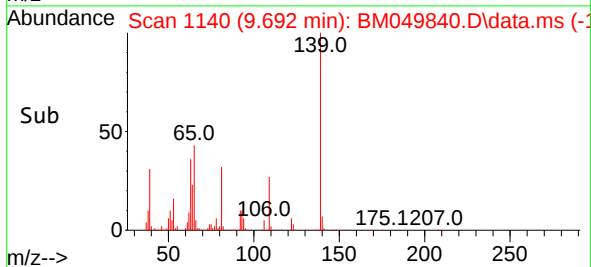
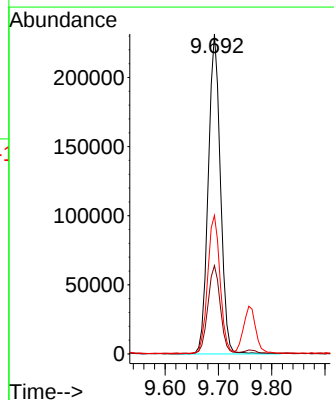
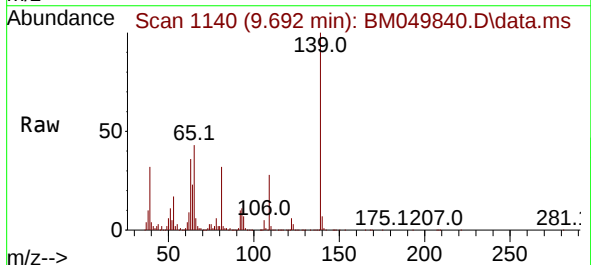


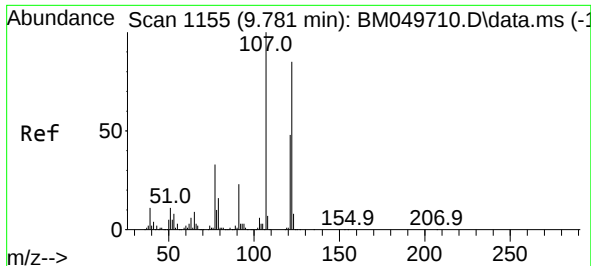
Tgt Ion: 82 Resp: 1154874
Ion Ratio Lower Upper
82 100
95 7.3 5.3 7.9
138 19.8 14.4 21.6



#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

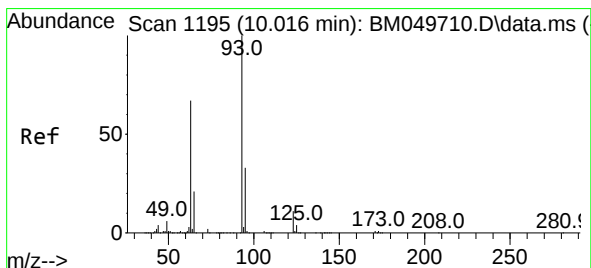
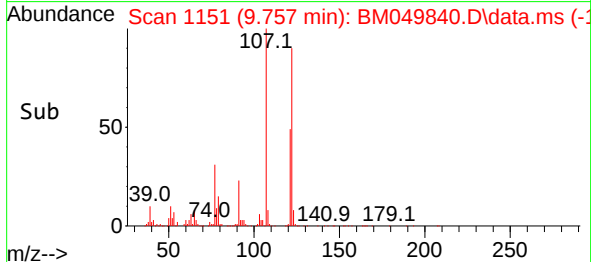
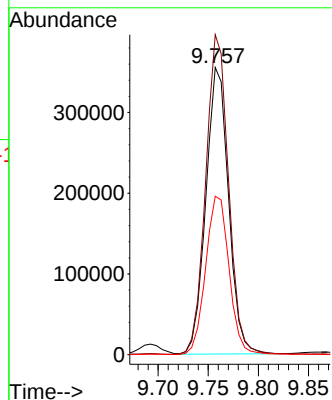
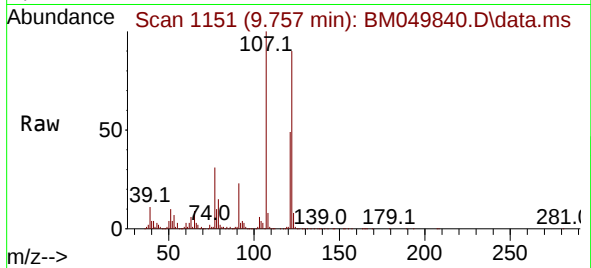




#27
2,4-Dimethylphenol
Concen: 40.134 ng
RT: 9.757 min Scan# 1151
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

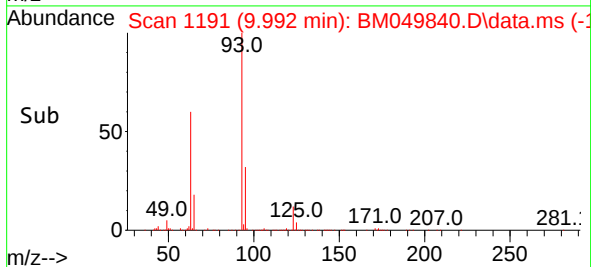
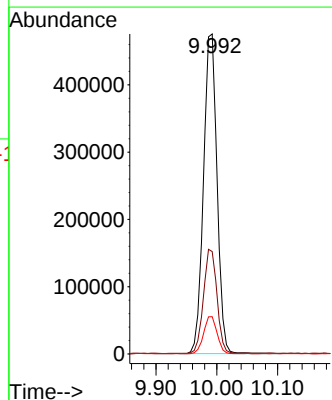
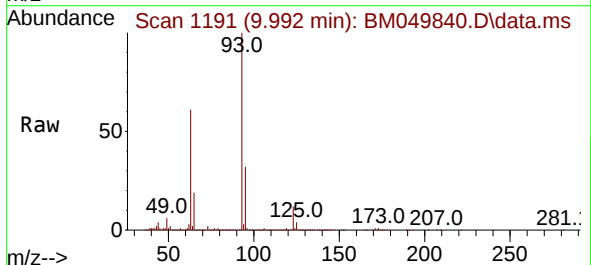
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

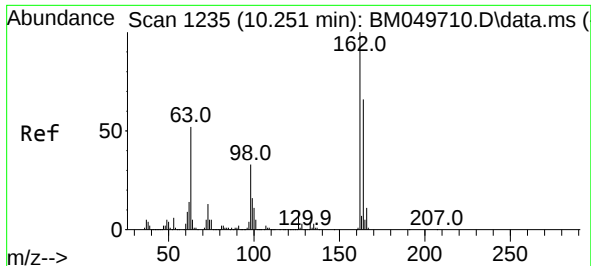
Tgt Ion:122 Resp: 560761
Ion Ratio Lower Upper
122 100
107 111.4 94.3 141.5
121 55.2 45.4 68.2



#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# 1

Delta R.T. -0.024 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

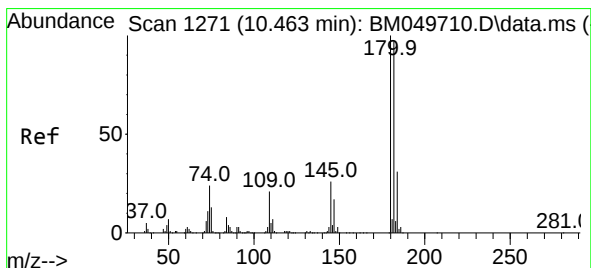
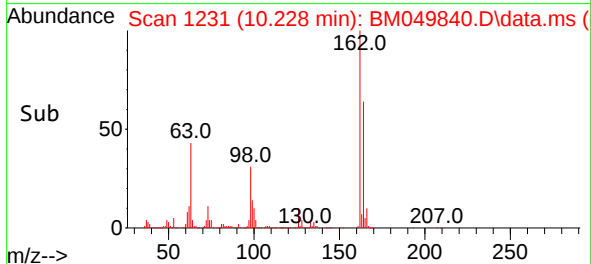
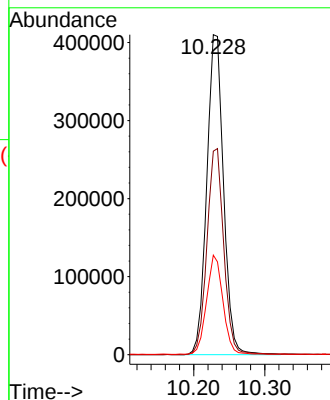
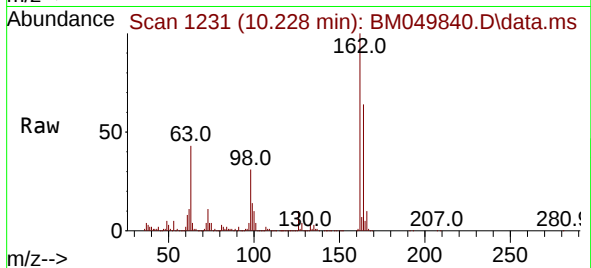
Tgt Ion:162 Resp: 673450

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

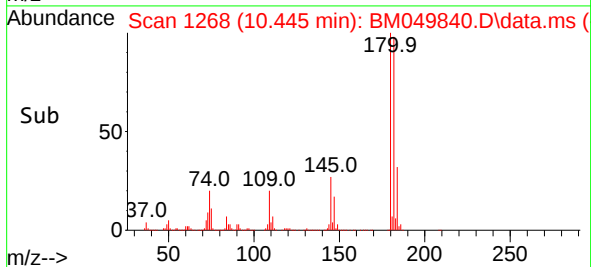
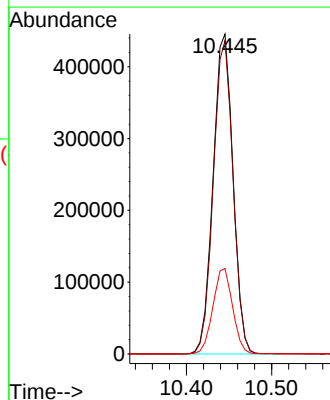
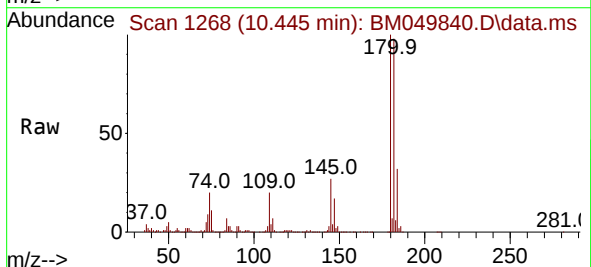
Tgt Ion:180 Resp: 725722

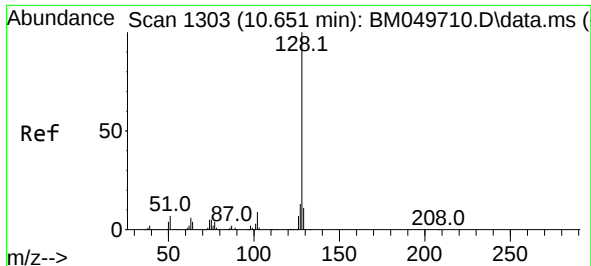
Ion Ratio Lower Upper

180 100

182 98.0 77.7 116.5

145 26.7 21.0 31.4

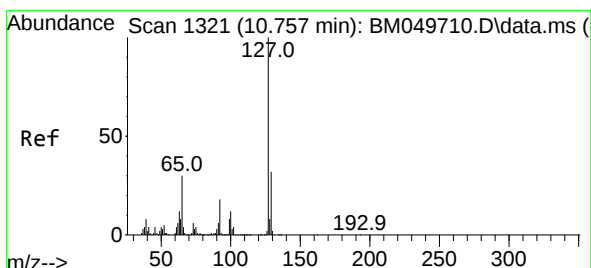
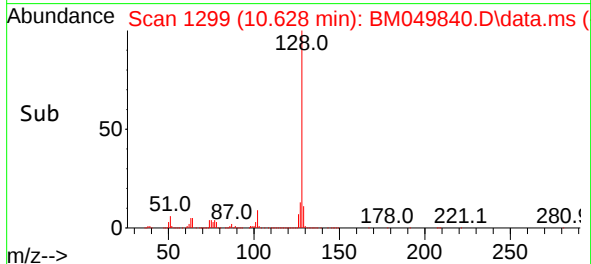
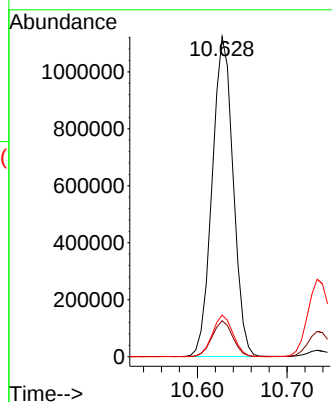
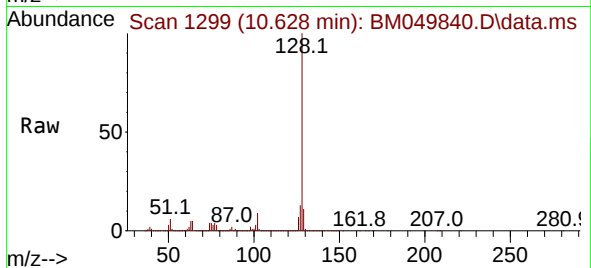




#31
Naphthalene
Concen: 25.265 ng
RT: 10.628 min Scan# 1317
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

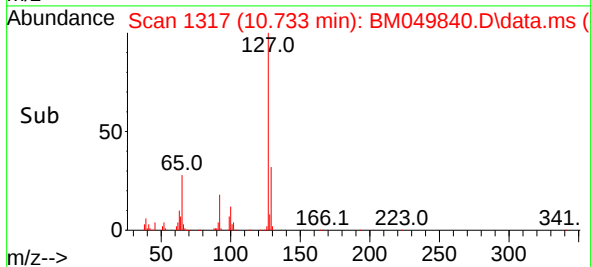
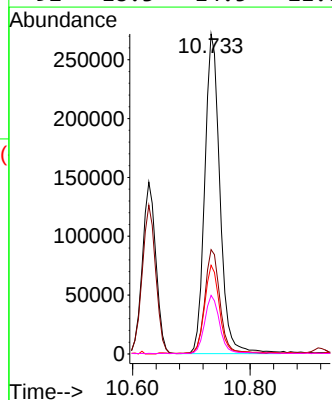
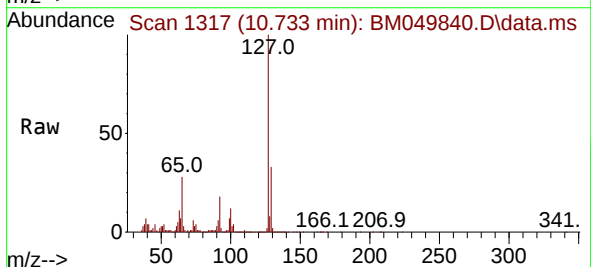
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

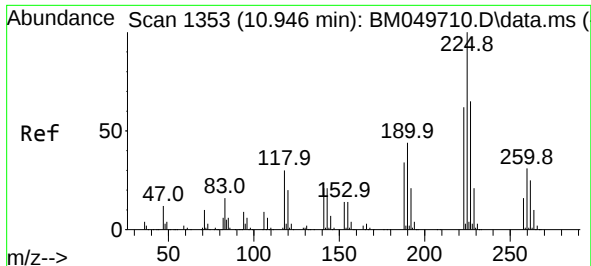
Tgt Ion:128 Resp: 1824307
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.0 10.4 15.6



#33
4-Chloroaniline
Concen: 19.796 ng
RT: 10.733 min Scan# 1317
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

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

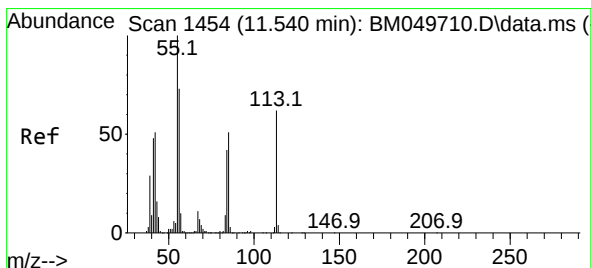
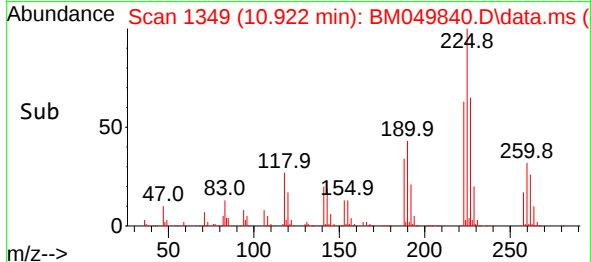
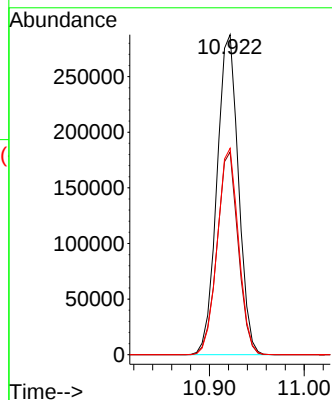
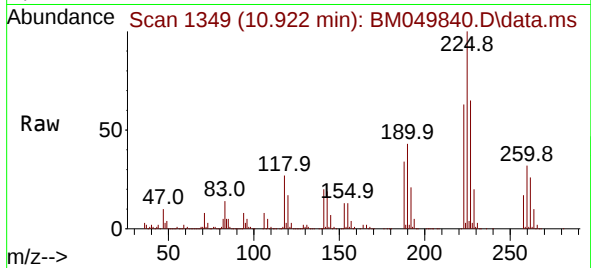




#34
Hexachlorobutadiene
Concen: 25.741 ng
RT: 10.922 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

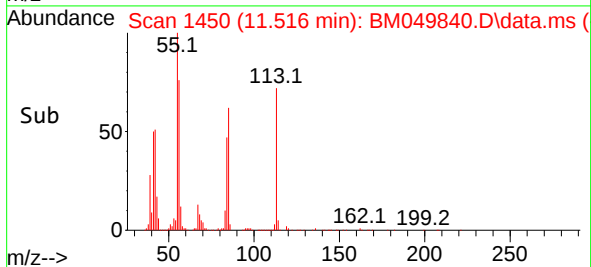
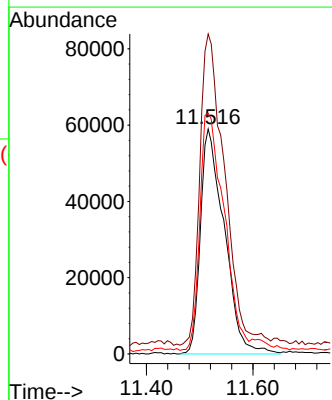
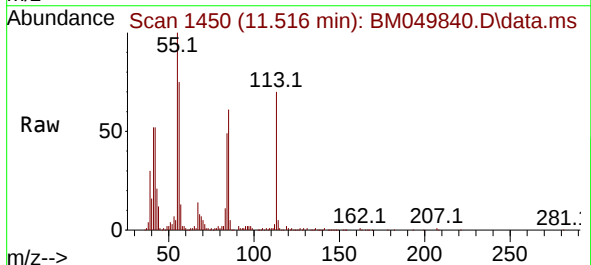
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

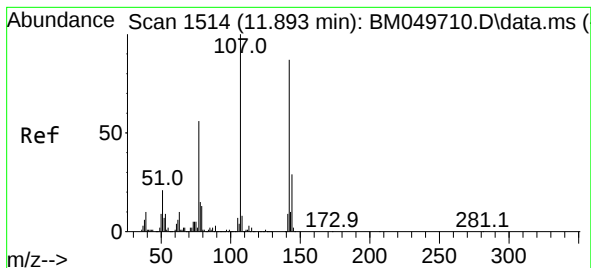
Tgt Ion:225 Resp: 452652
Ion Ratio Lower Upper
225 100
223 63.4 49.8 74.8
227 64.5 52.1 78.1



#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

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

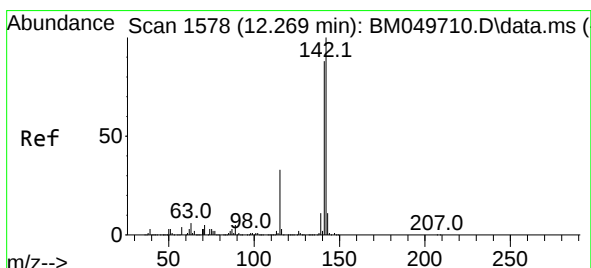
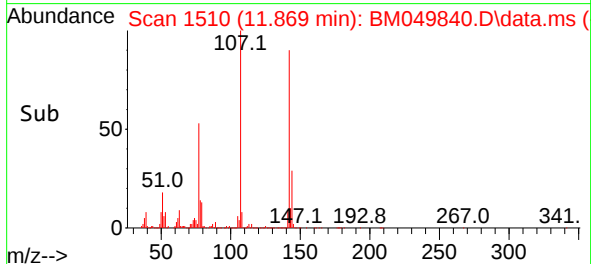
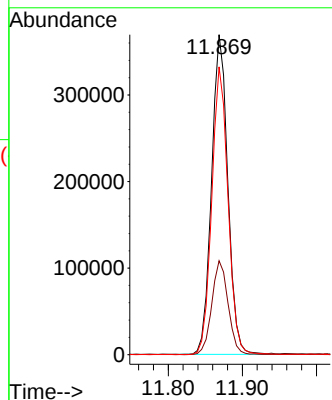
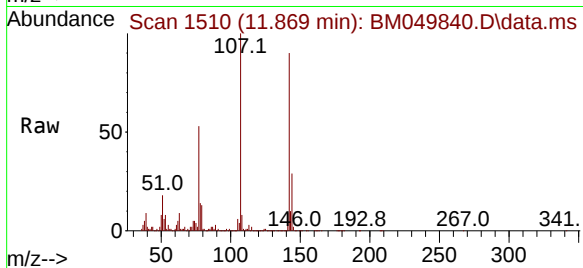




#36
4-Chloro-3-methylphenol
Concen: 28.841 ng
RT: 11.869 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

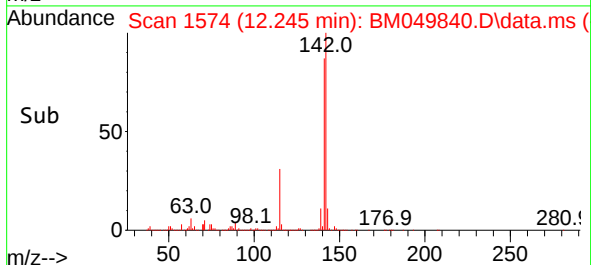
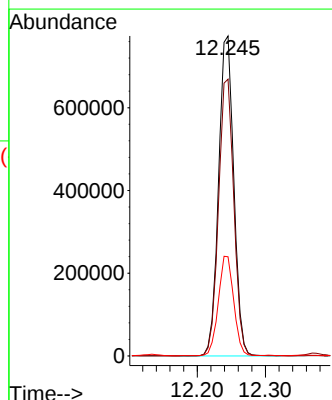
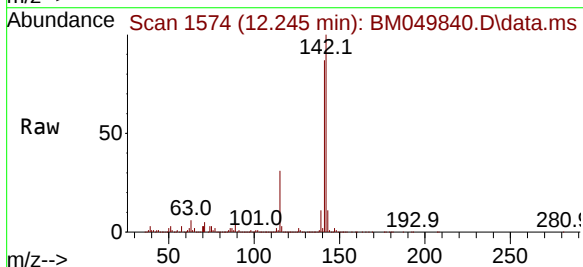
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

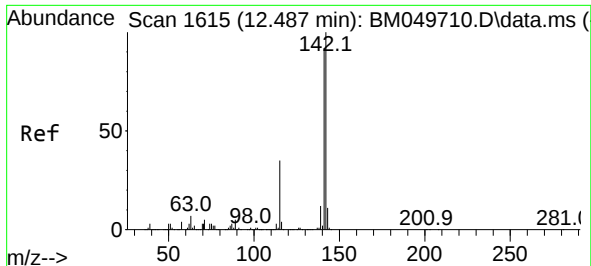
Tgt Ion:107 Resp: 563512
Ion Ratio Lower Upper
107 100
144 29.3 23.0 34.6
142 90.0 69.8 104.8



#37
2-Methylnaphthalene
Concen: 23.773 ng
RT: 12.245 min Scan# 1574
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

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

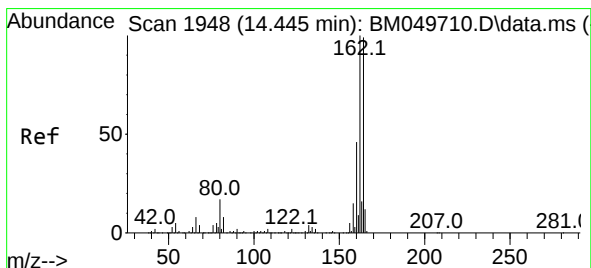
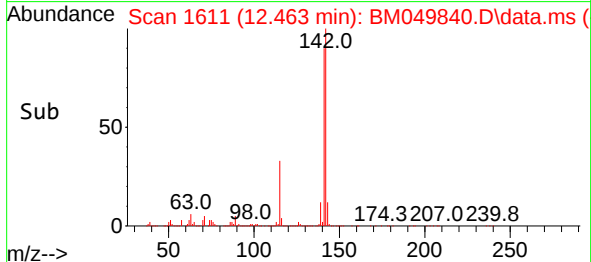
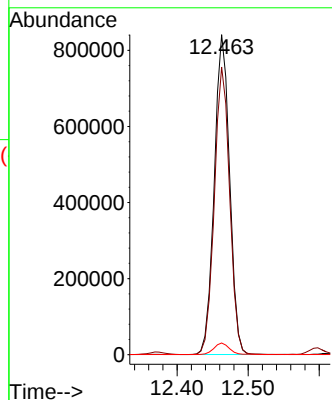
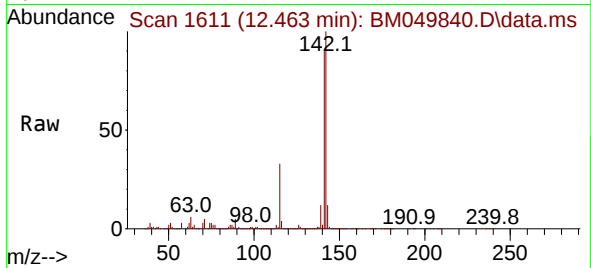




#38
1-Methylnaphthalene
Concen: 25.826 ng
RT: 12.463 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

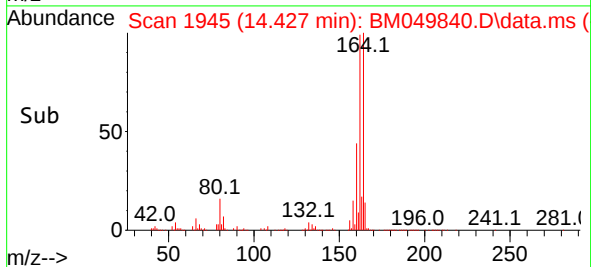
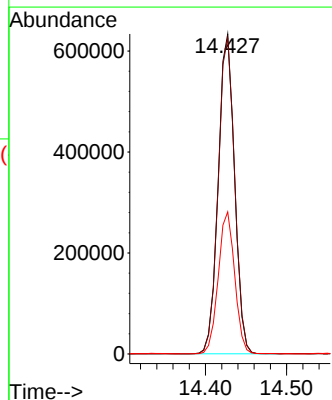
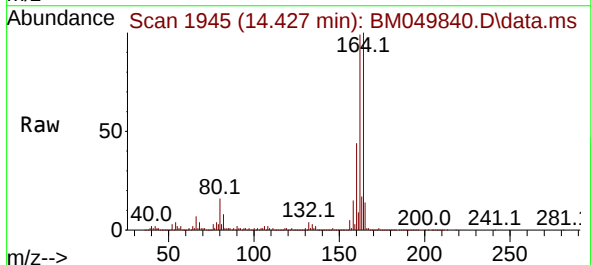
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

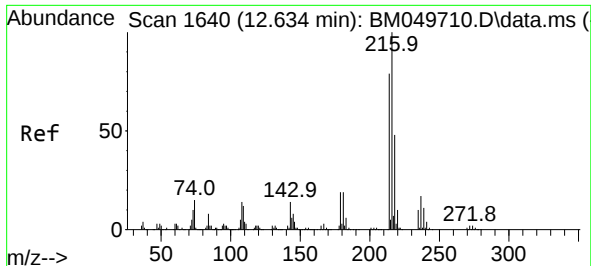
Tgt Ion:142 Resp: 1258072
Ion Ratio Lower Upper
142 100
141 89.9 73.4 110.2
116 3.7 2.8 4.2



#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

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

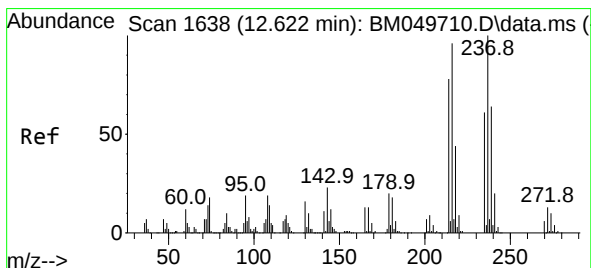
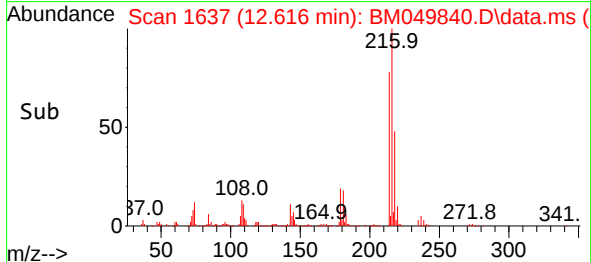
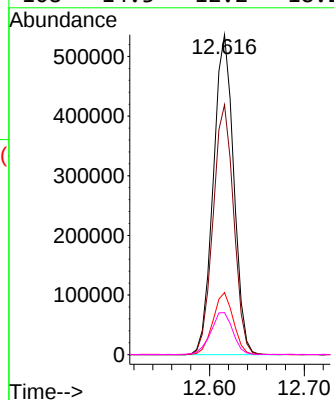
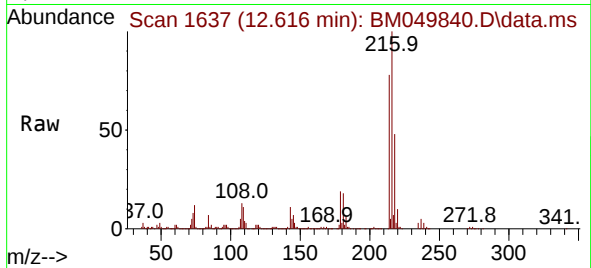




#40
1,2,4,5-Tetrachlorobenzene
Concen: 24.619 ng
RT: 12.616 min Scan# 1637
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

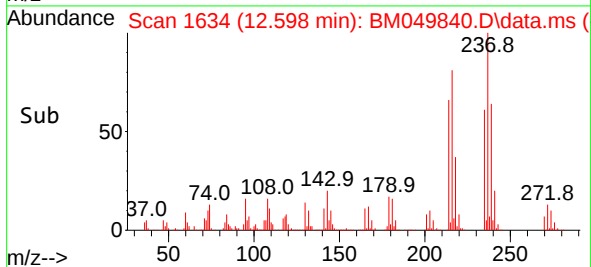
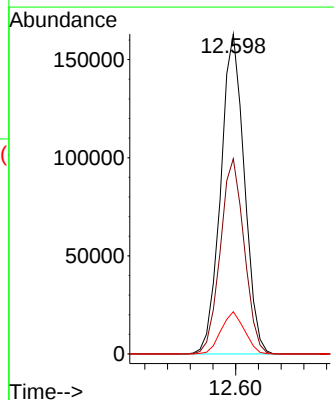
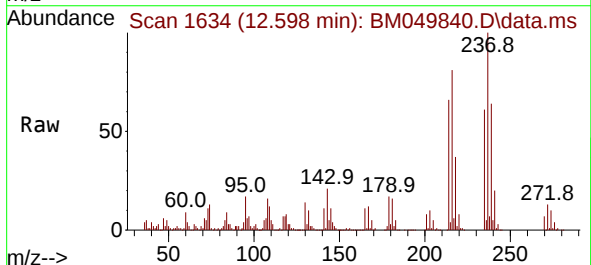
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

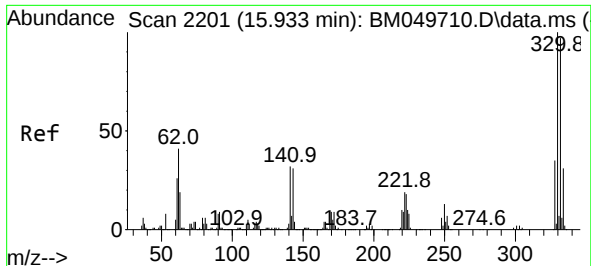
Tgt Ion:216 Resp: 803247
Ion Ratio Lower Upper
216 100
214 78.8 63.5 95.3
179 19.3 15.7 23.5
108 14.3 12.2 18.2



#41
Hexachlorocyclopentadiene
Concen: 19.485 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

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

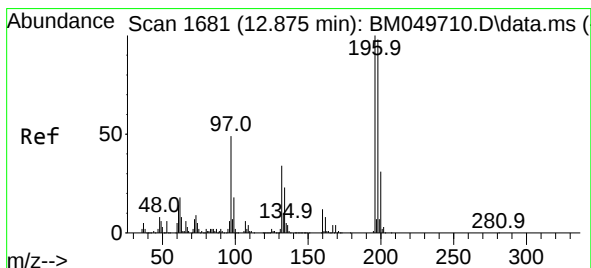
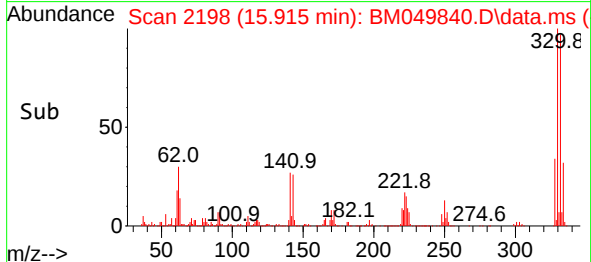
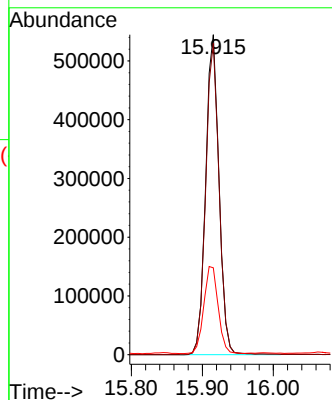
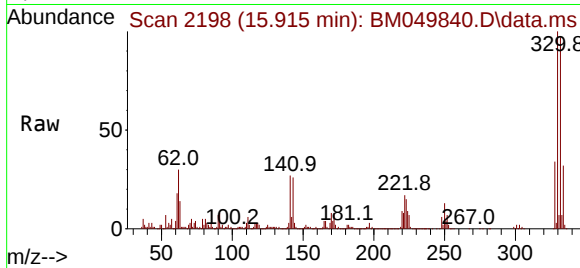




#42
2,4,6-Tribromophenol
Concen: 68.705 ng
RT: 15.915 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

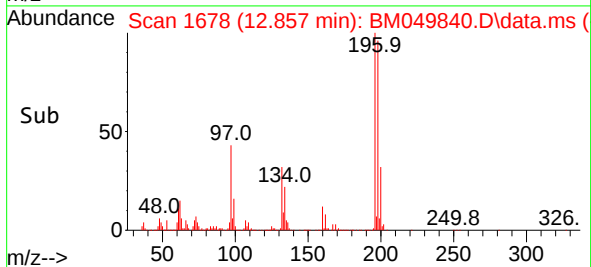
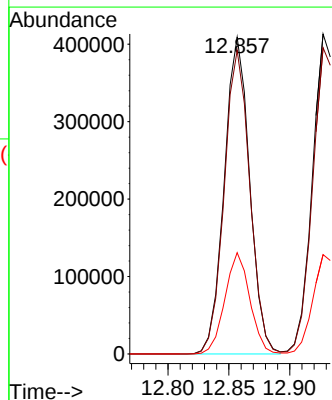
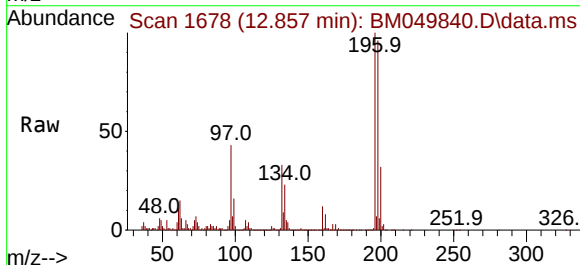
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

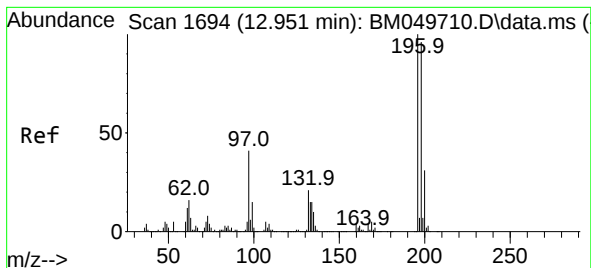
Tgt Ion:330 Resp: 712614
Ion Ratio Lower Upper
330 100
332 98.0 77.0 115.4
141 29.3 27.8 41.6



#43
2,4,6-Trichlorophenol
Concen: 32.509 ng
RT: 12.857 min Scan# 1678
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

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# 1

Delta R.T. -0.024 min

Lab File: BM049840.D

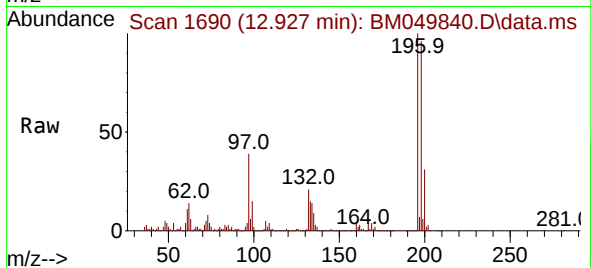
Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS



Tgt Ion:196 Resp: 641644

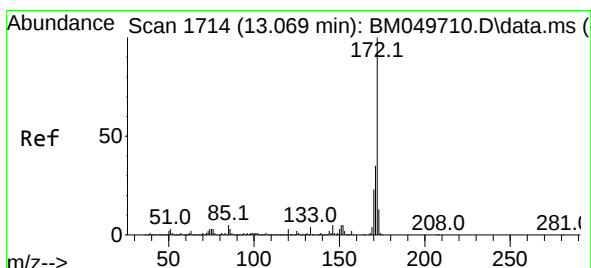
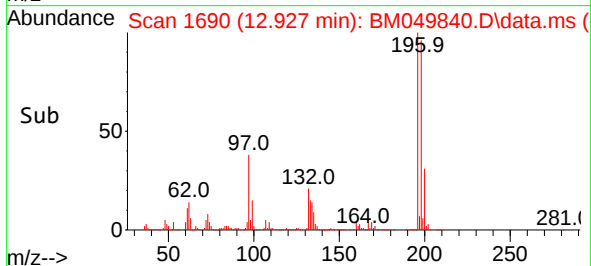
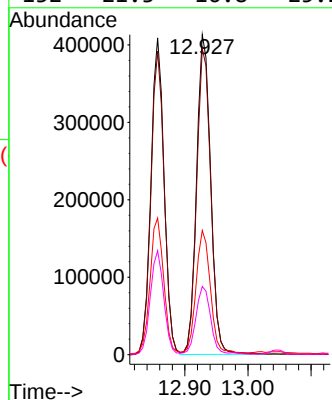
Ion Ratio Lower Upper

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

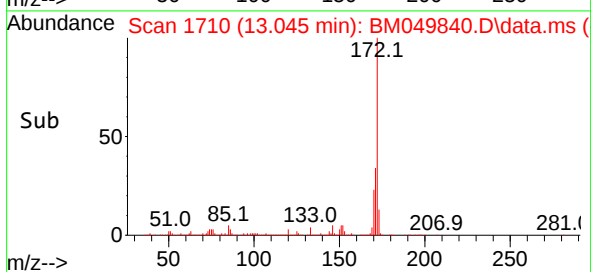
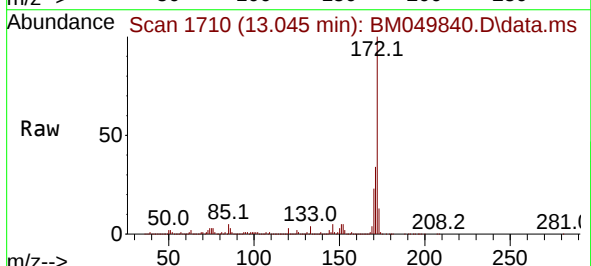
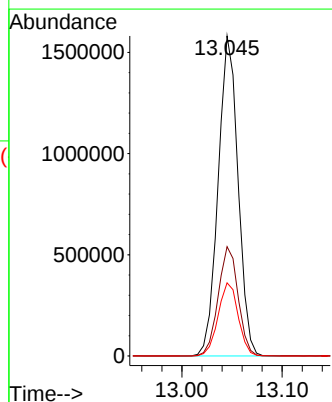
Tgt Ion:172 Resp: 2175235

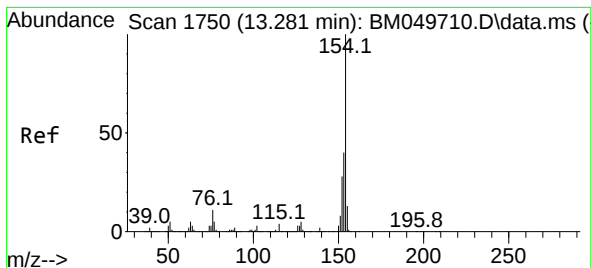
Ion Ratio Lower Upper

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# 1

Delta R.T. -0.024 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

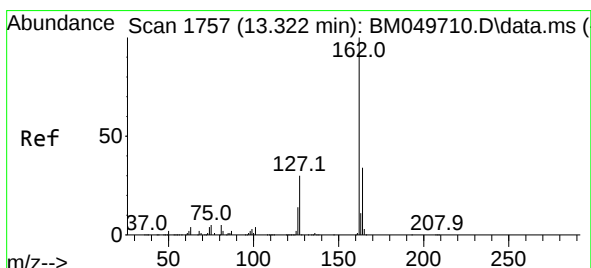
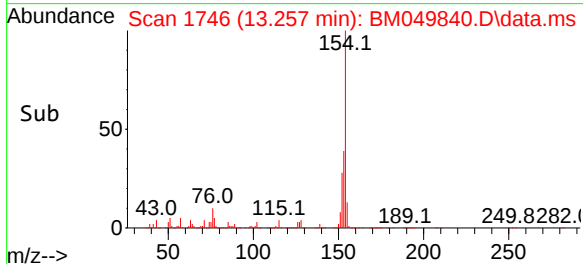
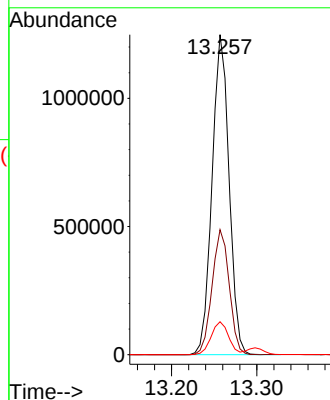
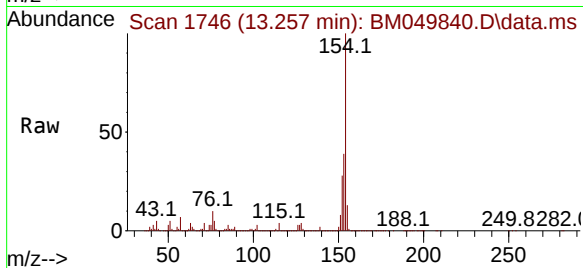
Tgt Ion:154 Resp: 1728179

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# 1753

Delta R.T. -0.024 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

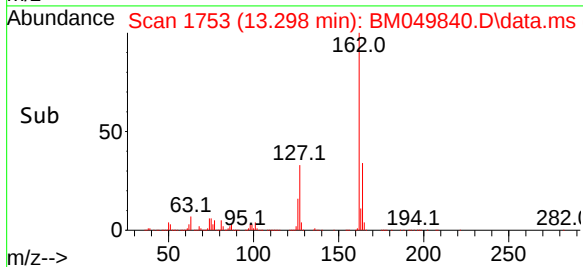
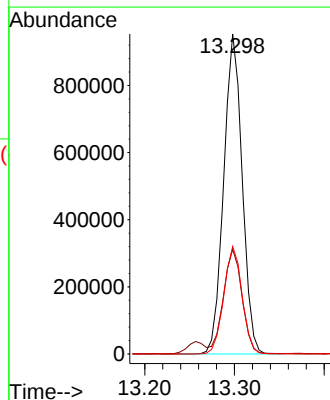
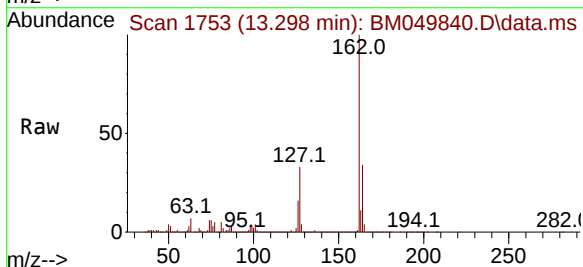
Tgt Ion:162 Resp: 1361107

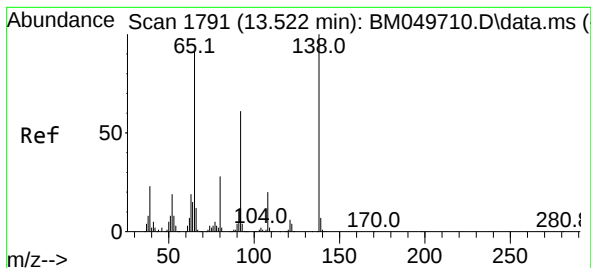
Ion Ratio Lower Upper

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# 1

Delta R.T. -0.024 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

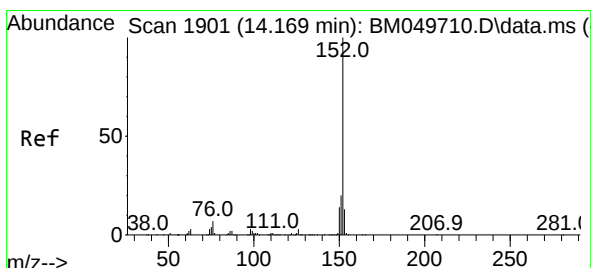
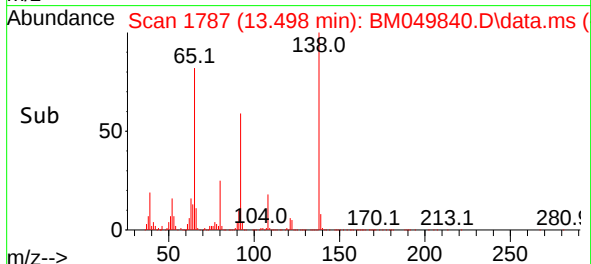
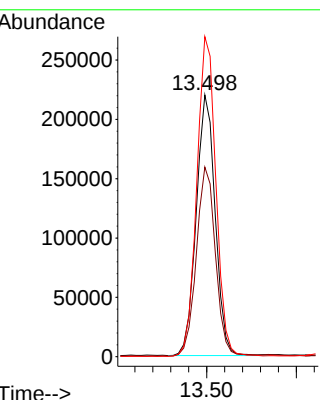
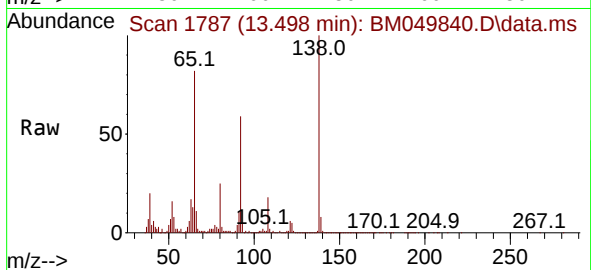
Tgt Ion: 65 Resp: 322997

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# 1897

Delta R.T. -0.024 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

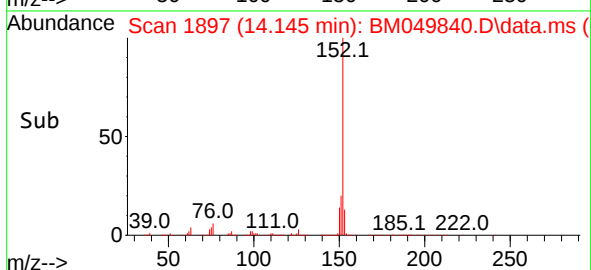
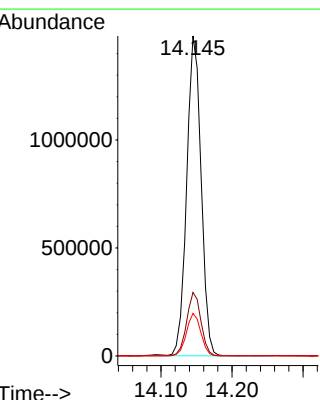
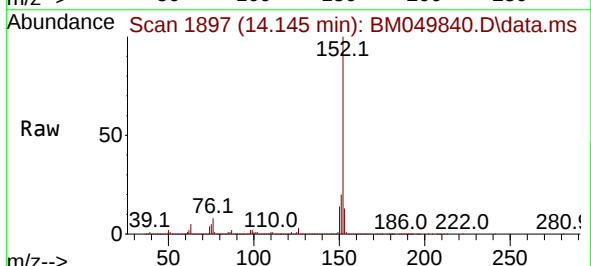
Tgt Ion: 152 Resp: 2086203

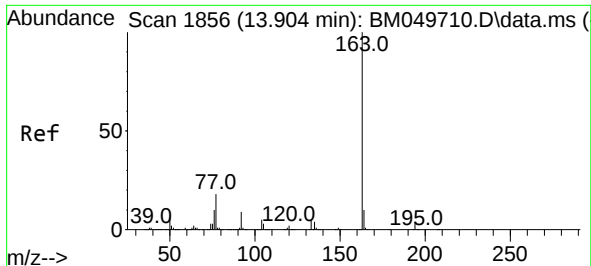
Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.3 10.2 15.4

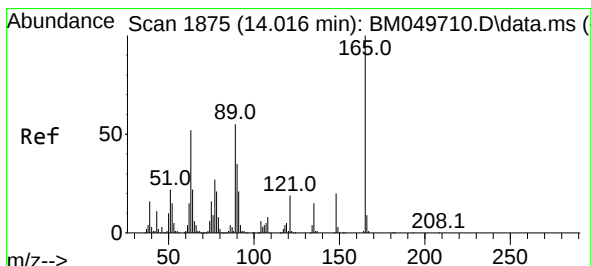
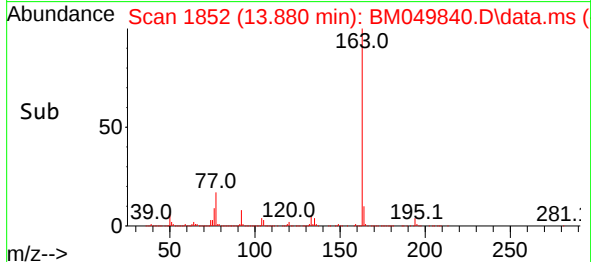
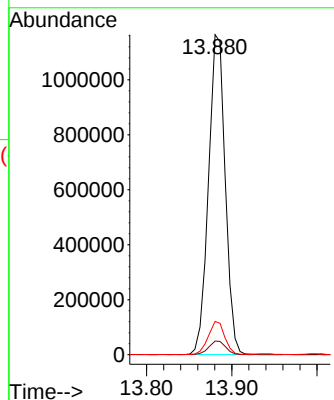
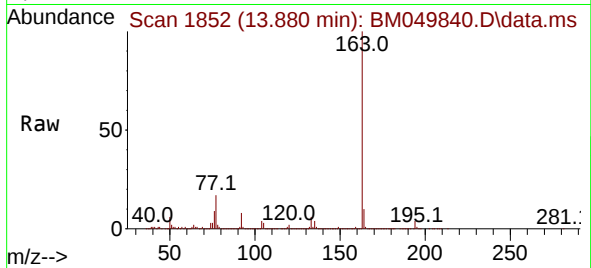




#50
Dimethylphthalate
Concen: 26.043 ng
RT: 13.880 min Scan# 1852
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

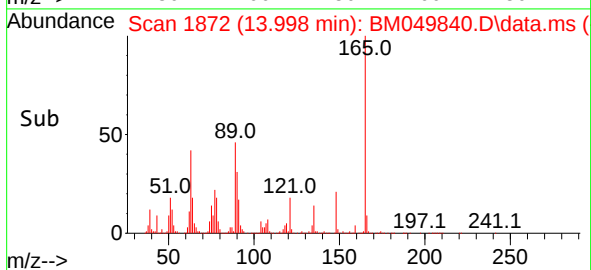
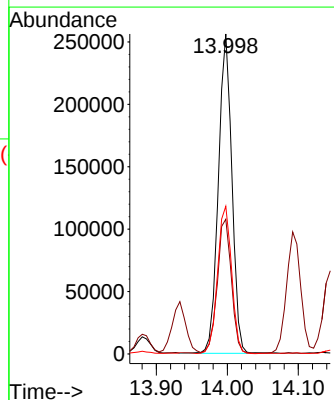
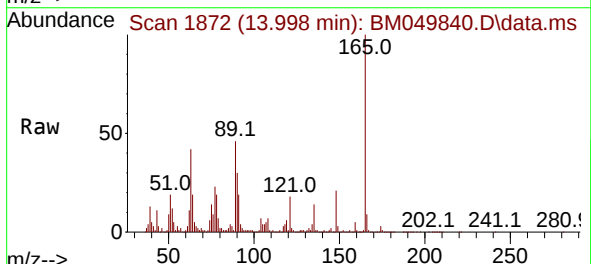
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

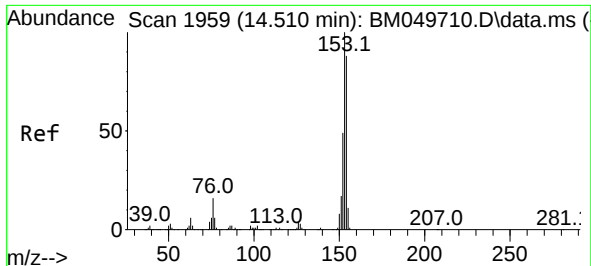
Tgt Ion:163 Resp: 1592660
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.4 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 27.497 ng
RT: 13.998 min Scan# 1872
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

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

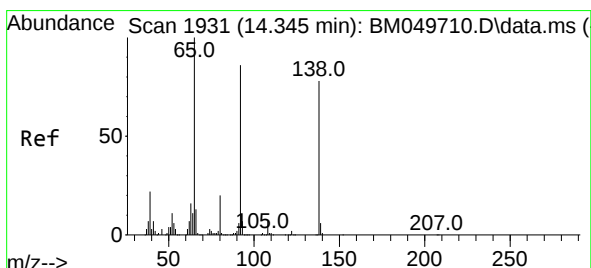
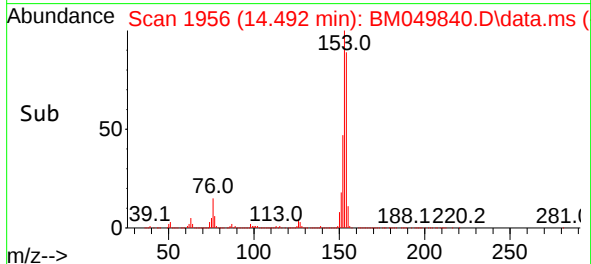
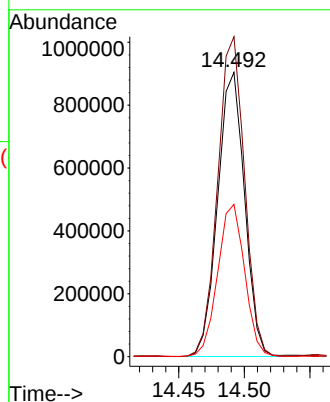
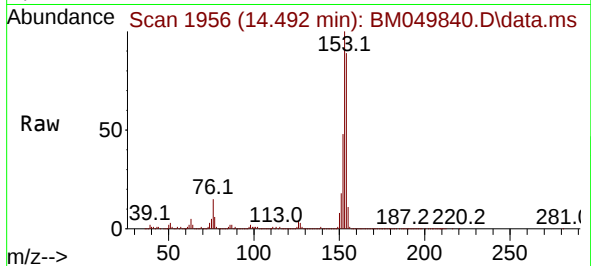




#52
Acenaphthene
Concen: 26.384 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

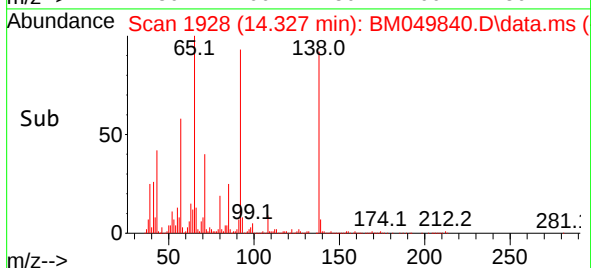
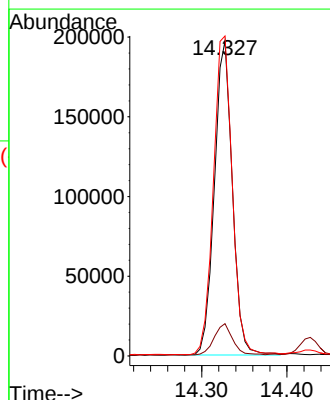
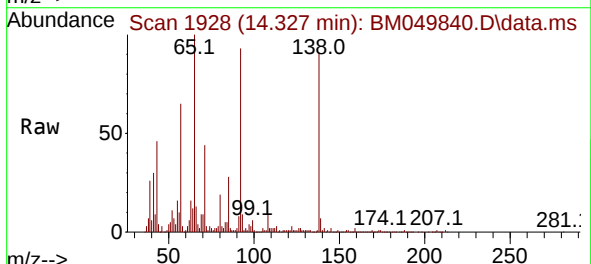
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

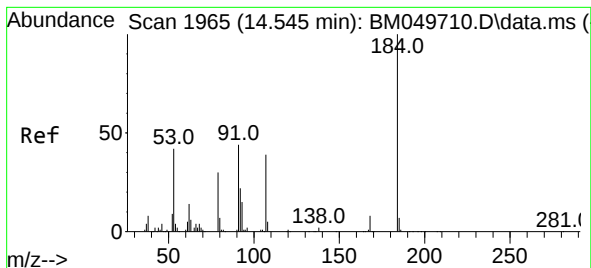
Tgt Ion:154 Resp: 1288995
Ion Ratio Lower Upper
154 100
153 112.5 90.4 135.6
152 53.5 44.2 66.2



#53
3-Nitroaniline
Concen: 24.841 ng
RT: 14.327 min Scan# 1928
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

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

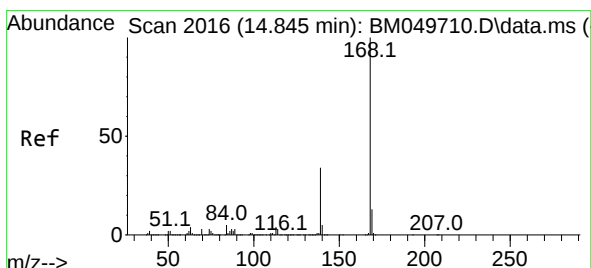
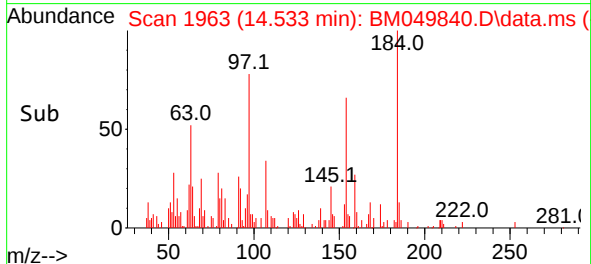
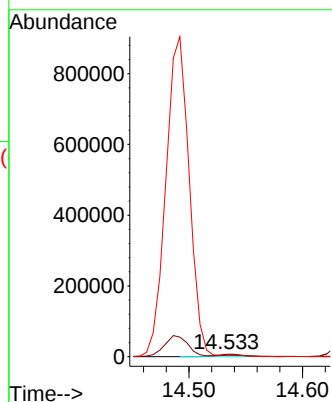
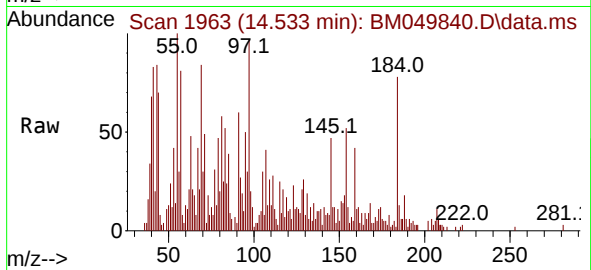




#54
2,4-Dinitrophenol
Concen: 5.415 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

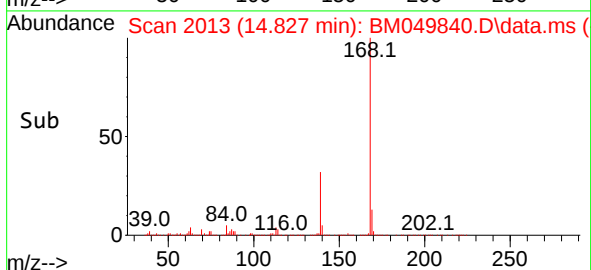
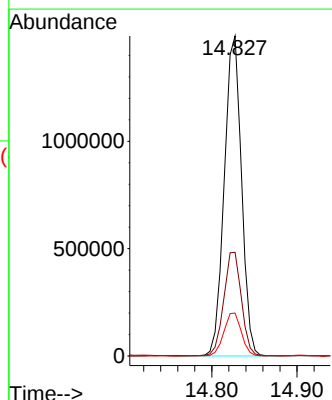
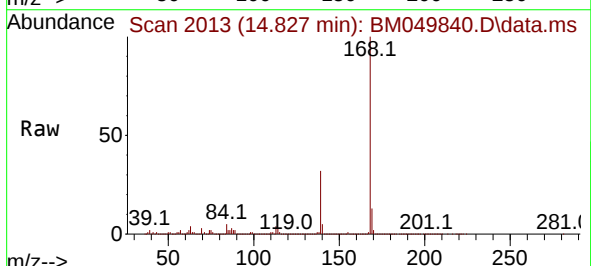
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

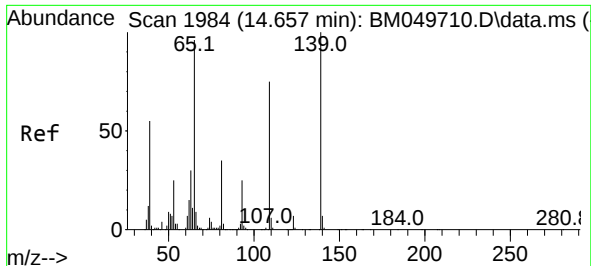
Tgt Ion:184 Resp: 11567
Ion Ratio Lower Upper
184 100
63 61.9 47.2 70.8
154 66.3 49.9 74.9



#55
Dibenzofuran
Concen: 25.733 ng
RT: 14.827 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

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

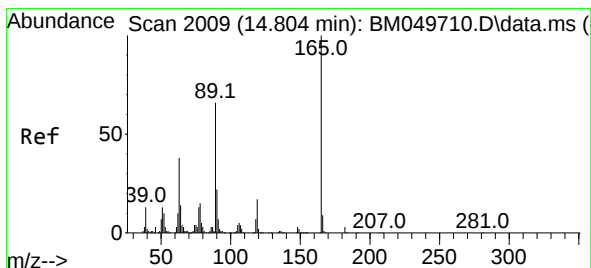
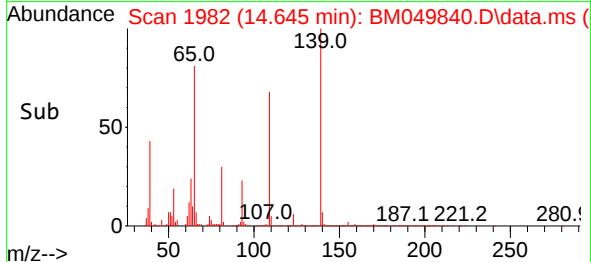
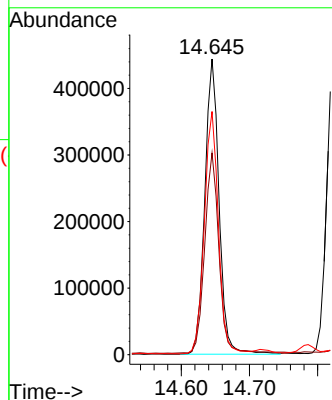
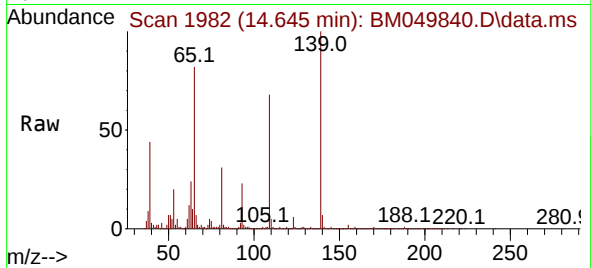




#56
4-Nitrophenol
Concen: 63.643 ng
RT: 14.645 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

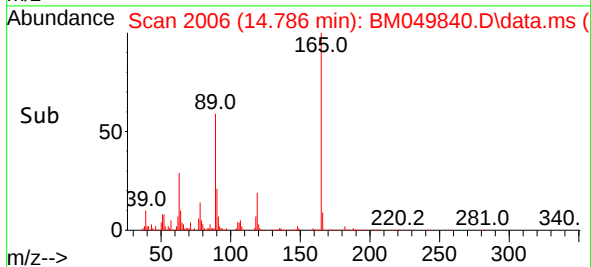
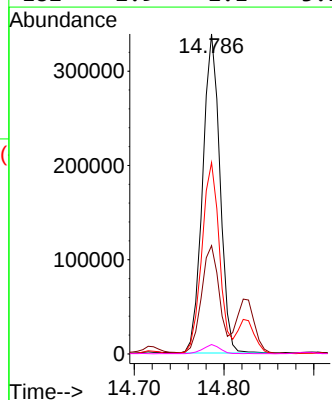
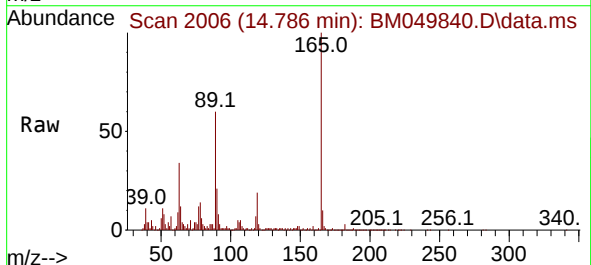
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

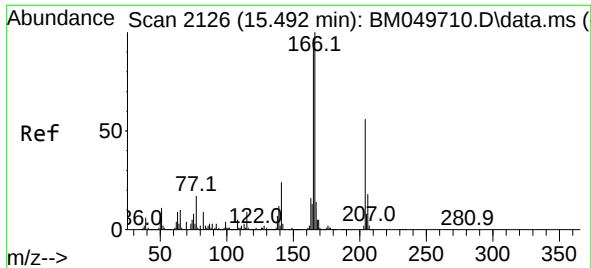
Tgt Ion:139 Resp: 645977
Ion Ratio Lower Upper
139 100
109 68.2 54.7 94.7
65 82.2 76.2 116.2



#57
2,4-Dinitrotoluene
Concen: 28.724 ng
RT: 14.786 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

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

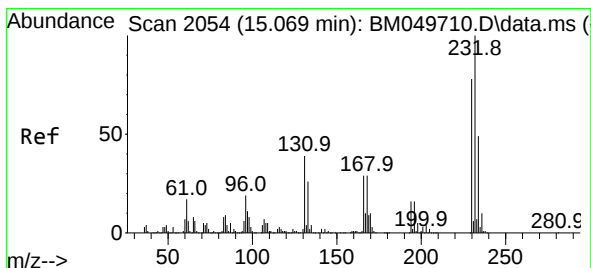
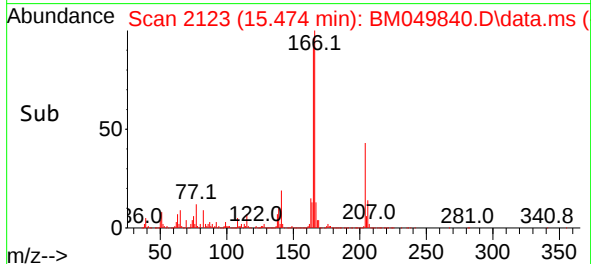
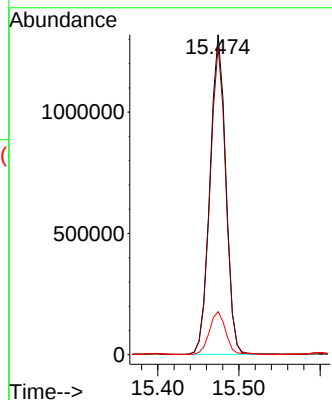
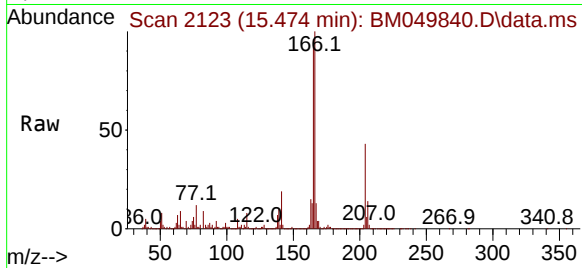




#58
 Fluorene
 Concen: 26.860 ng
 RT: 15.474 min Scan# 2126
 Delta R.T. -0.018 min
 Lab File: BM049840.D
 Acq: 07 Apr 2025 15:22

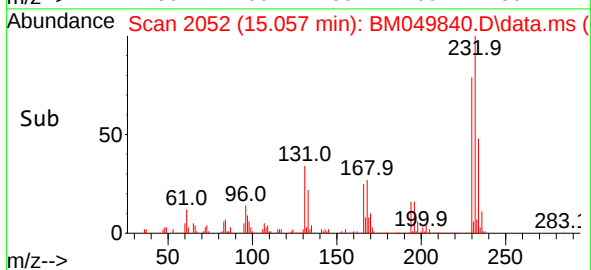
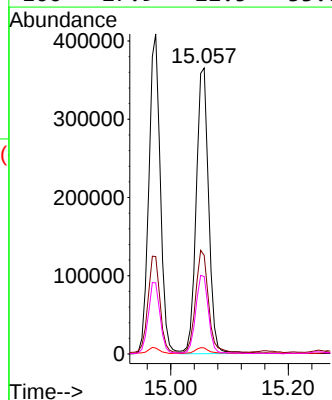
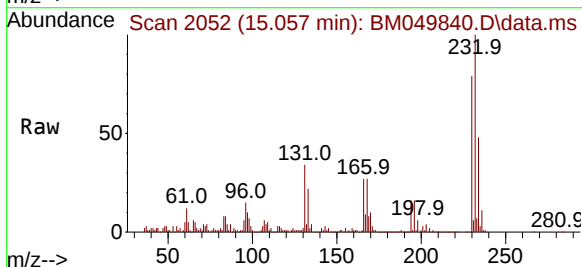
Instrument :
 BNA_M
 ClientSampleId :
 AU-05-040325MS

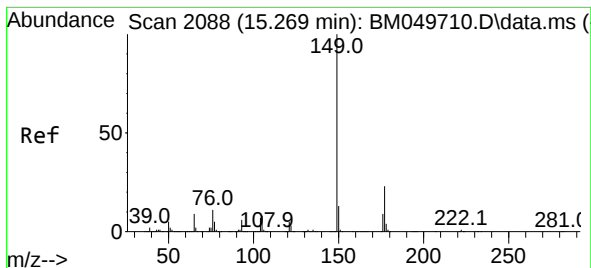
Tgt Ion:166 Resp: 1780330
 Ion Ratio Lower Upper
 166 100
 165 96.4 77.5 116.3
 167 13.5 10.9 16.3



#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

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

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

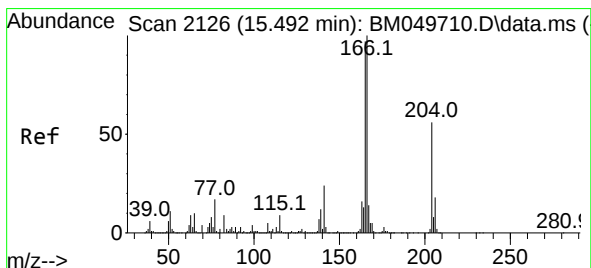
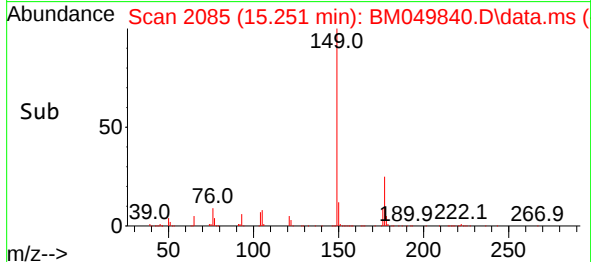
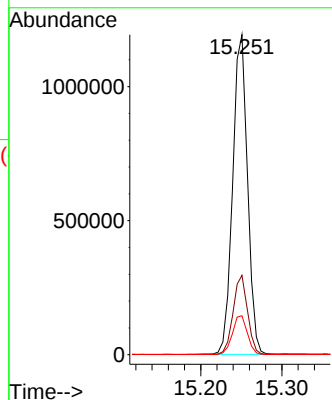
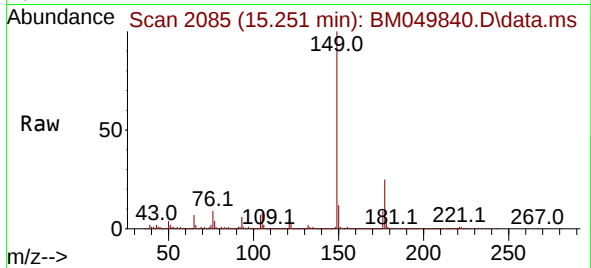
Tgt Ion:149 Resp: 1509646

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

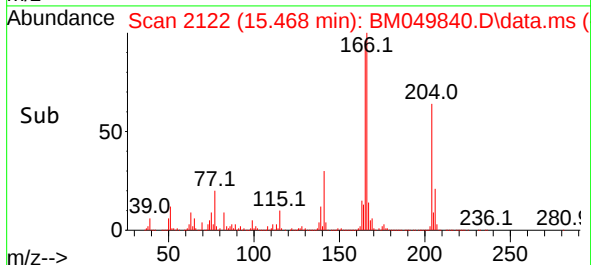
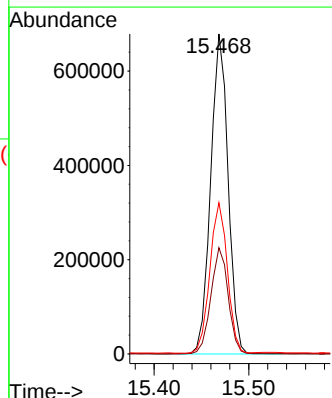
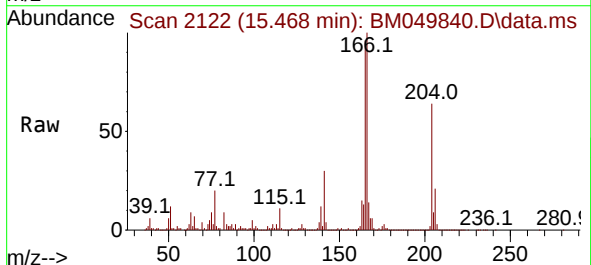
Tgt Ion:204 Resp: 866175

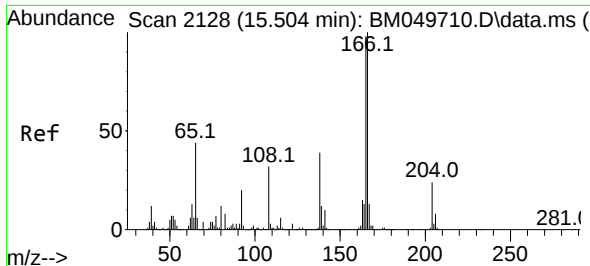
Ion Ratio Lower Upper

204 100

206 33.2 25.2 37.8

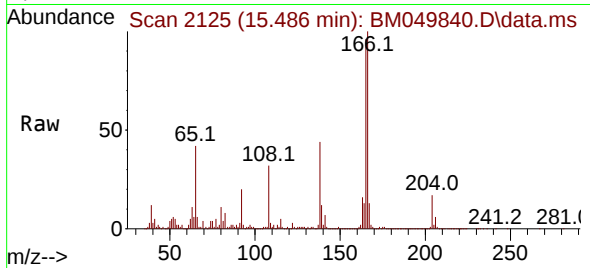
141 47.3 34.5 51.7



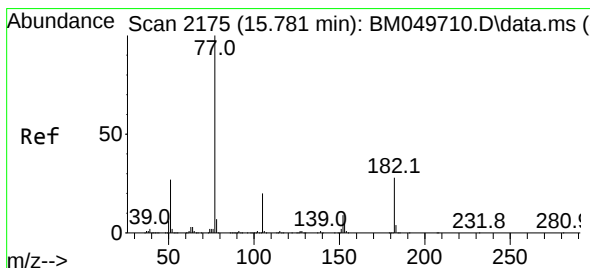
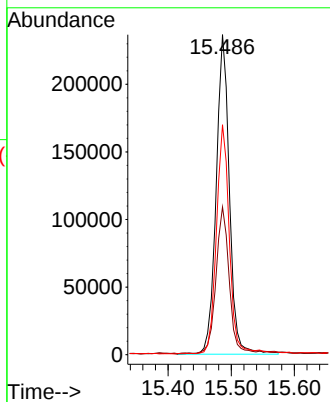
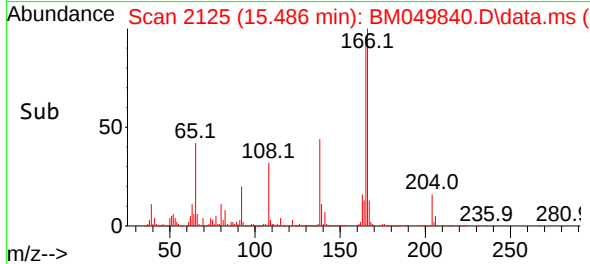


#62
4-Nitroaniline
Concen: 26.616 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

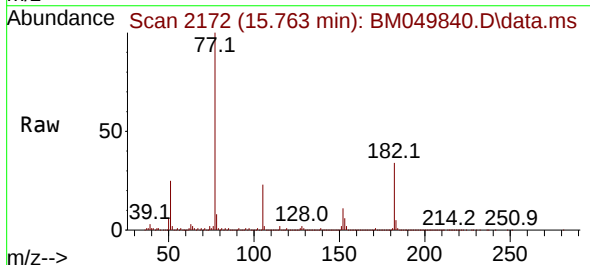
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



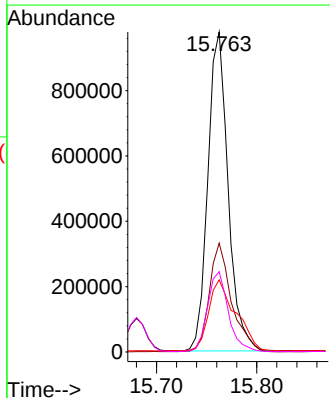
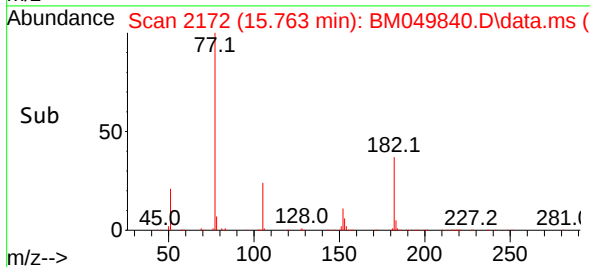
Tgt Ion:138 Resp: 344075
Ion Ratio Lower Upper
138 100
92 46.1 29.8 69.8
108 71.8 61.3 101.3

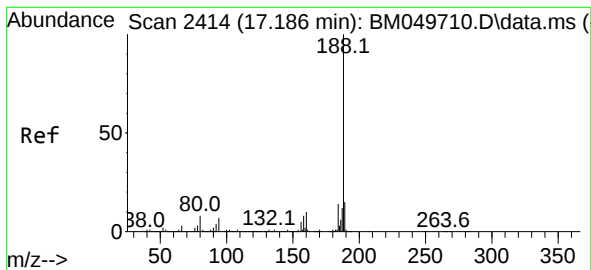


#63
Azobenzene
Concen: 24.912 ng
RT: 15.763 min Scan# 2172
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22



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# 2414

Delta R.T. -0.018 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

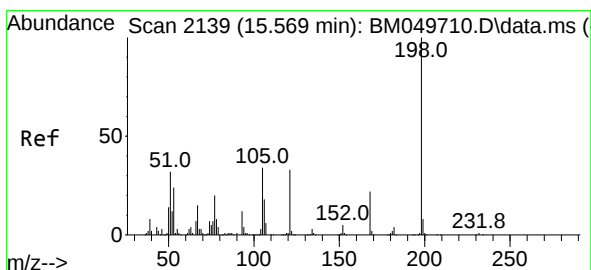
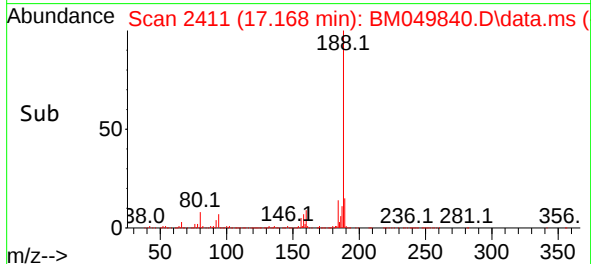
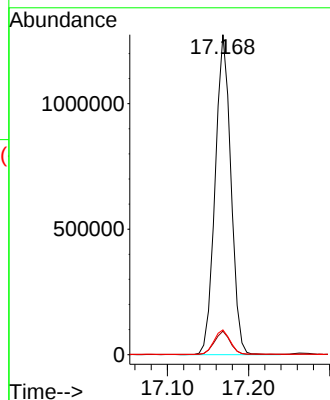
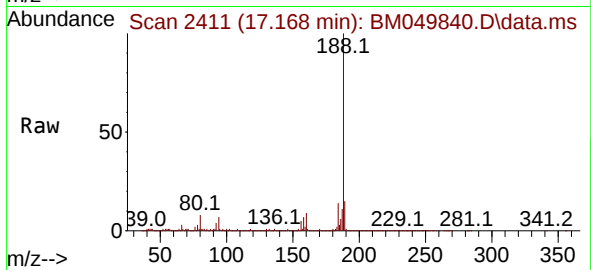
Tgt Ion:188 Resp: 1716279

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

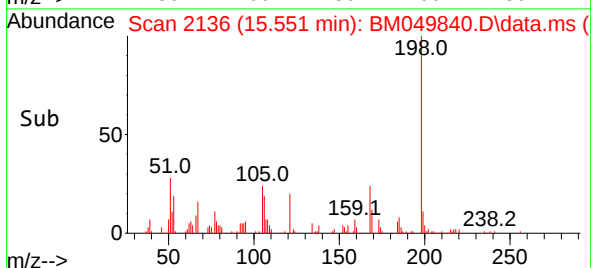
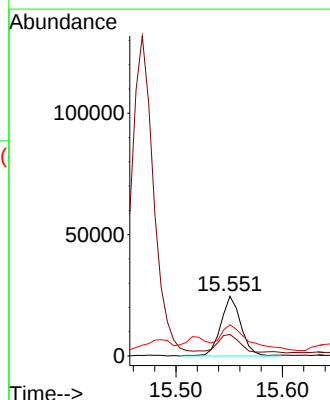
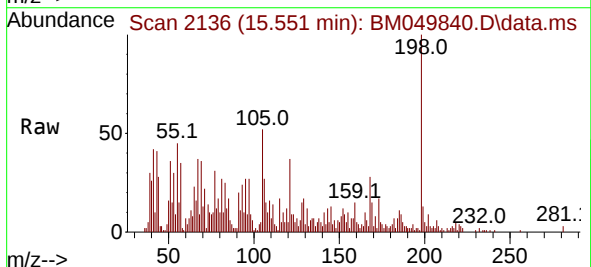
Tgt Ion:198 Resp: 32208

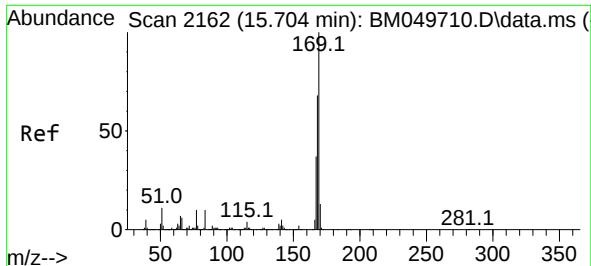
Ion Ratio Lower Upper

198 100

51 36.1 13.8 53.8

105 52.4 14.0 54.0

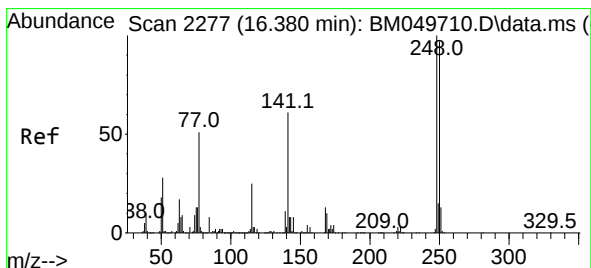
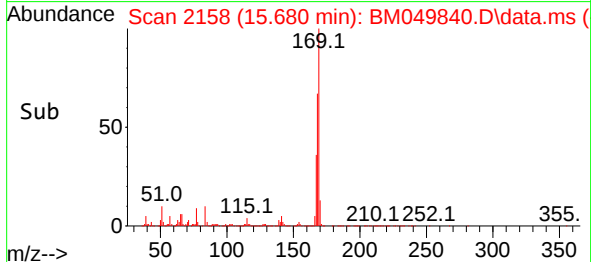
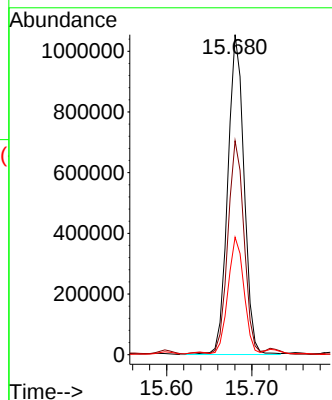
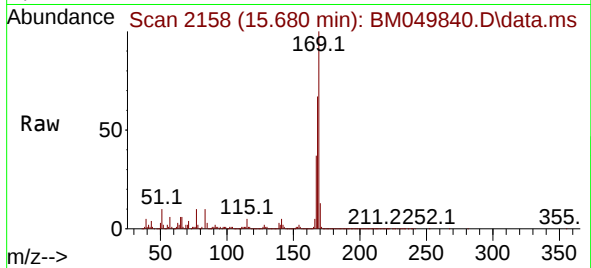




#66
n-Nitrosodiphenylamine
Concen: 26.879 ng
RT: 15.680 min Scan# 2162
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

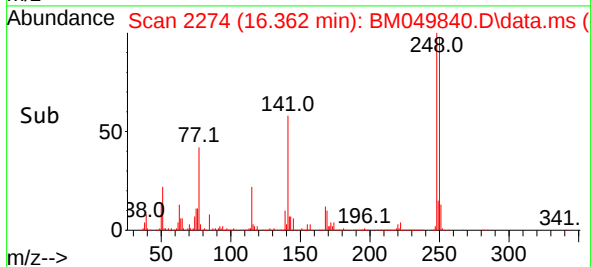
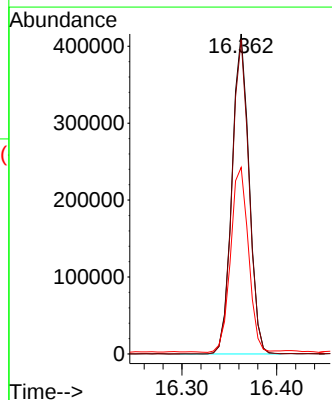
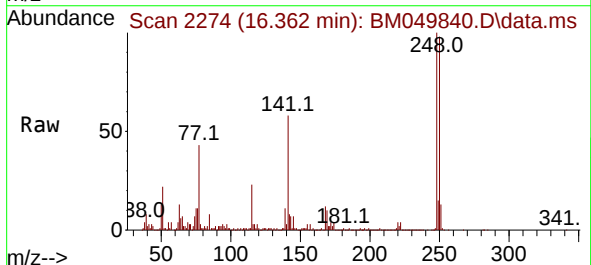
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

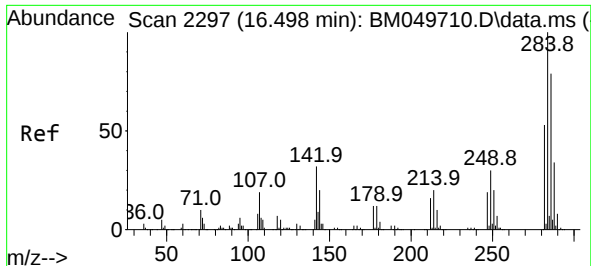
Tgt Ion:169 Resp: 1397700
Ion Ratio Lower Upper
169 100
168 66.9 54.8 82.2
167 36.7 29.9 44.9



#67
4-Bromophenyl-phenylether
Concen: 26.212 ng
RT: 16.362 min Scan# 2274
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

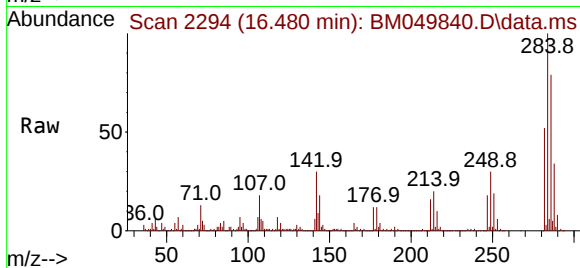
Tgt Ion:248 Resp: 519400
Ion Ratio Lower Upper
248 100
250 98.2 77.9 116.9
141 58.3 48.6 73.0



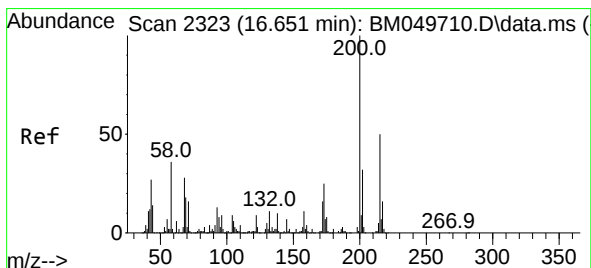
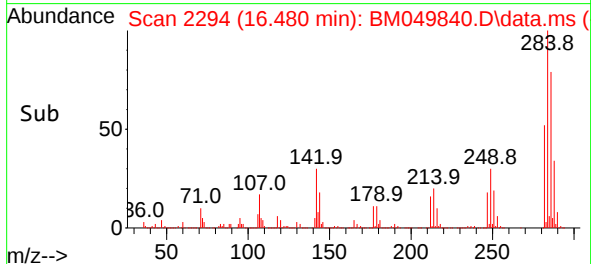
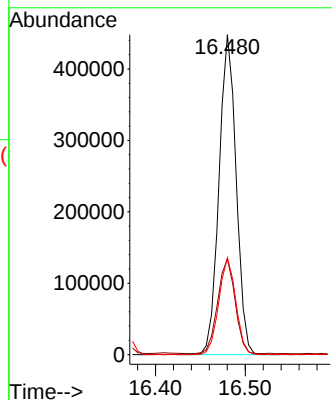


#68
Hexachlorobenzene
Concen: 26.614 ng
RT: 16.480 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

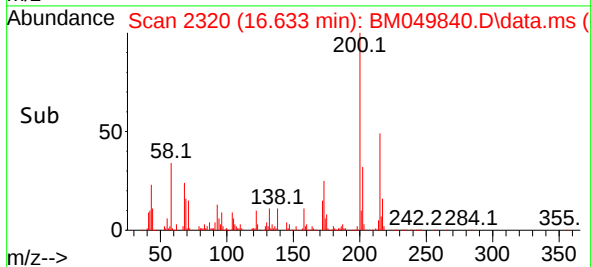
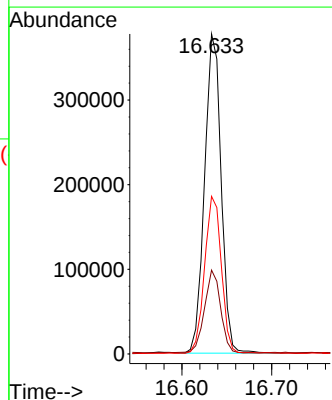
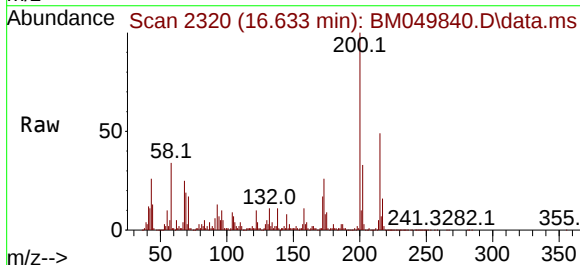


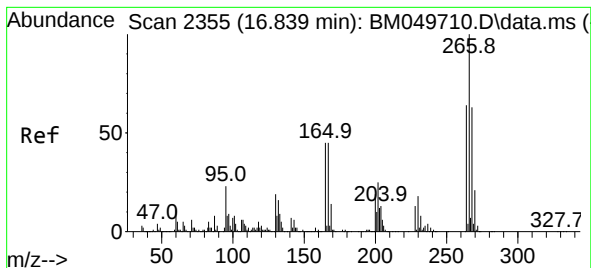
Tgt Ion:284 Resp: 593045
Ion Ratio Lower Upper
284 100
142 29.9 25.5 38.3
249 30.3 24.2 36.2



#69
Atrazine
Concen: 42.222 ng
RT: 16.633 min Scan# 2320
Delta R.T. -0.018 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

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# 2418

Delta R.T. -0.012 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

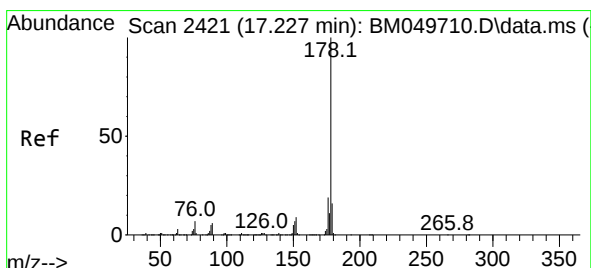
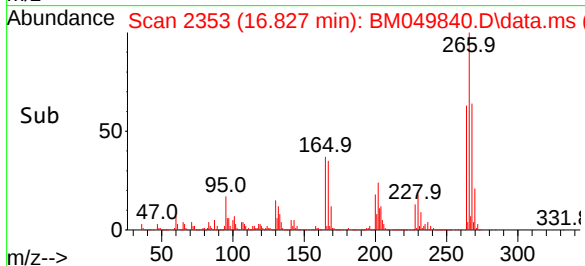
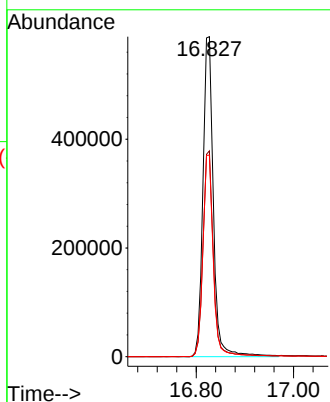
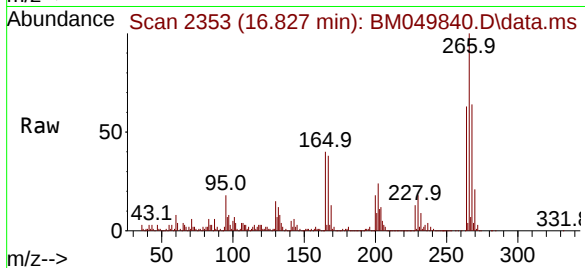
Tgt Ion:266 Resp: 873322

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# 2418

Delta R.T. -0.018 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

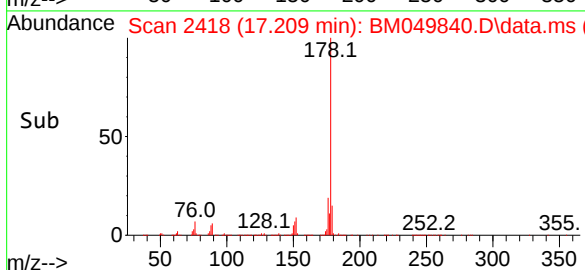
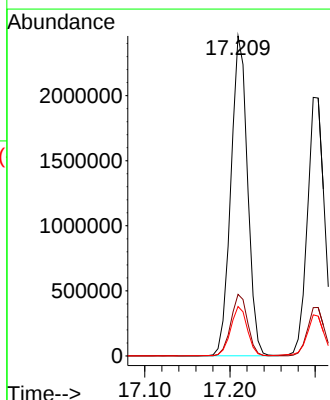
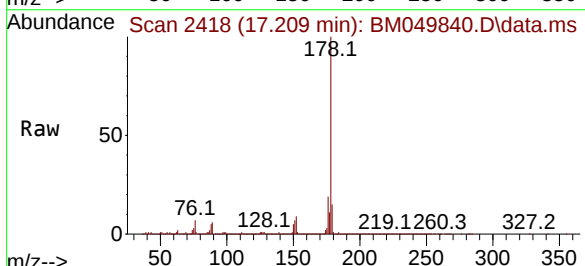
Tgt Ion:178 Resp: 3346295

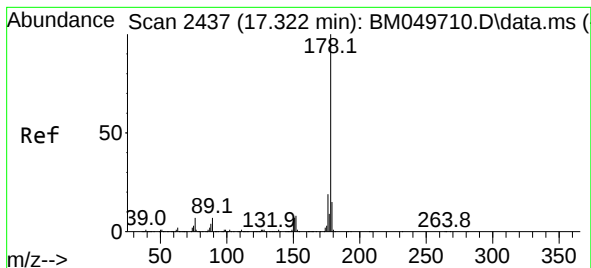
Ion Ratio Lower Upper

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# 24

Delta R.T. -0.024 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

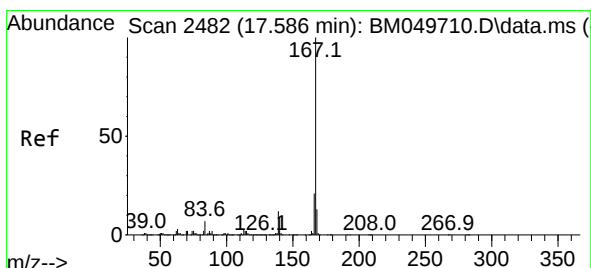
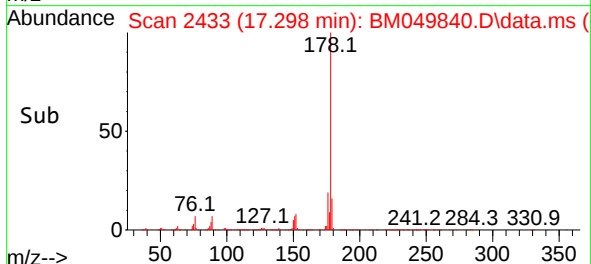
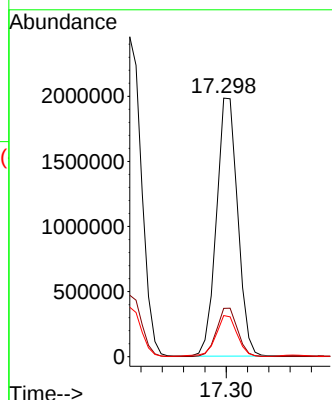
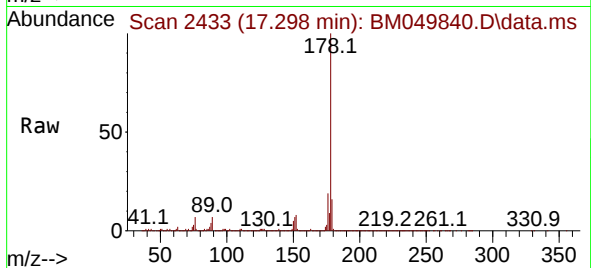
Tgt Ion:178 Resp: 2740257

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# 2479

Delta R.T. -0.018 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

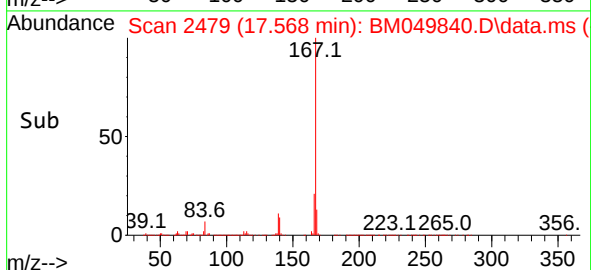
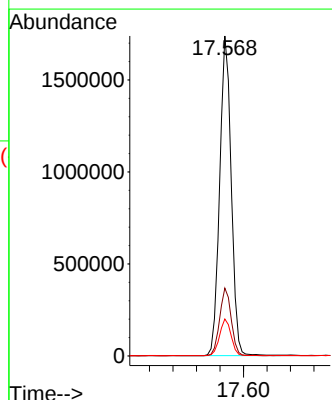
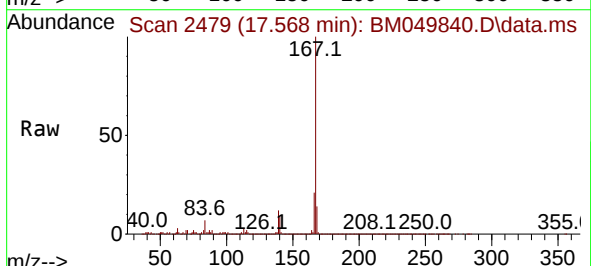
Tgt Ion:167 Resp: 2370604

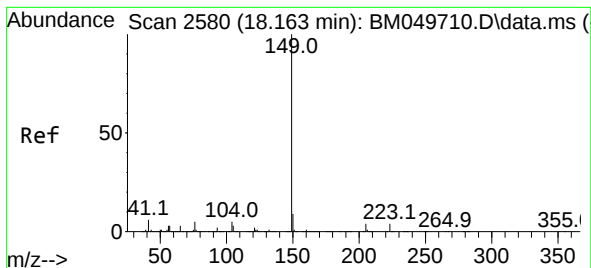
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.024 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

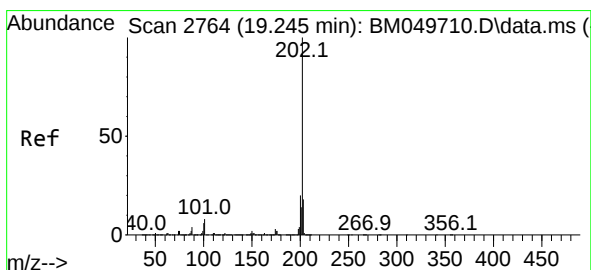
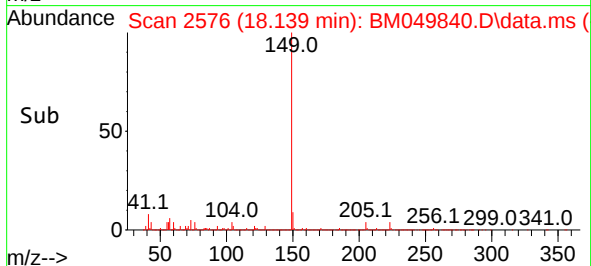
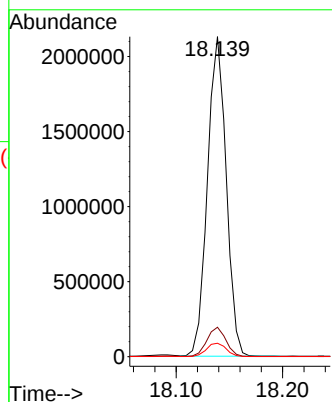
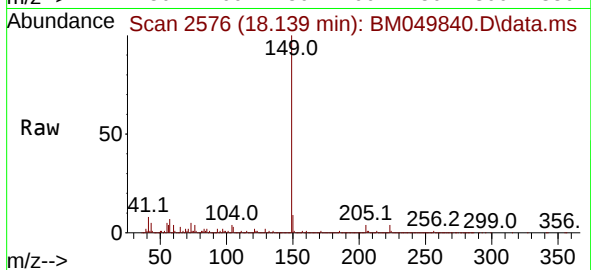
Tgt Ion:149 Resp: 2609863

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# 2761

Delta R.T. -0.018 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

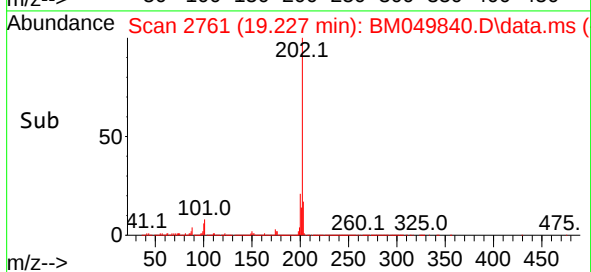
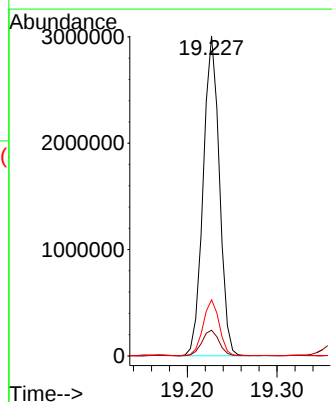
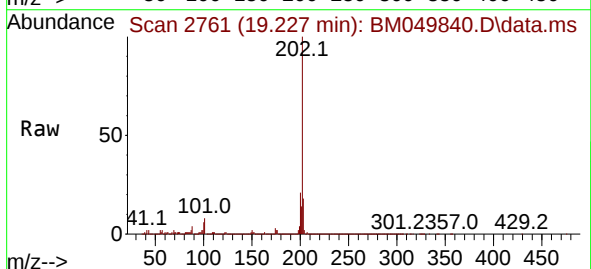
Tgt Ion:202 Resp: 3769266

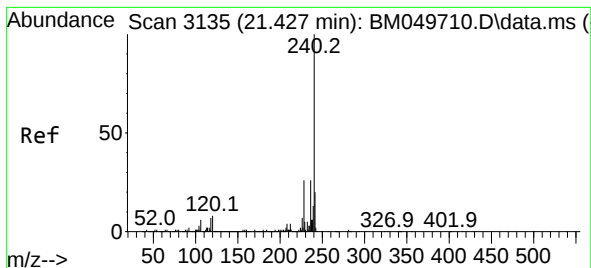
Ion Ratio Lower Upper

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# 31

Delta R.T. -0.018 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

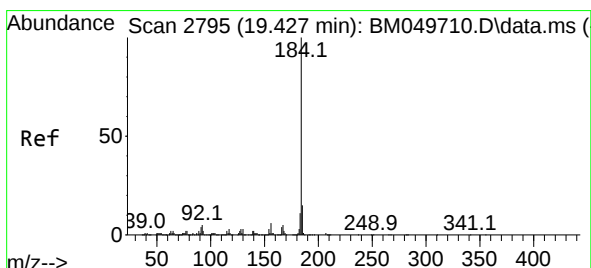
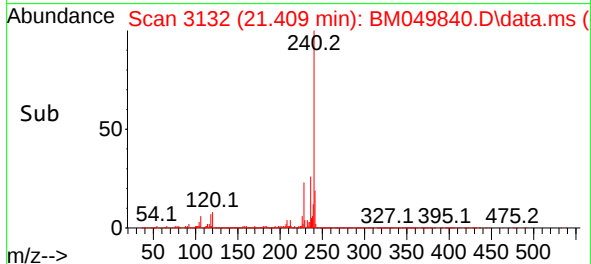
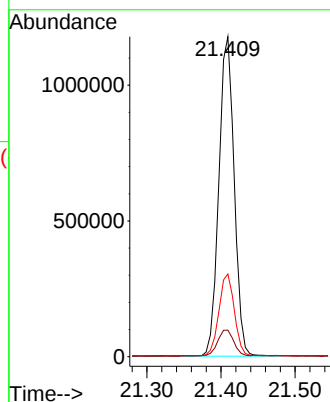
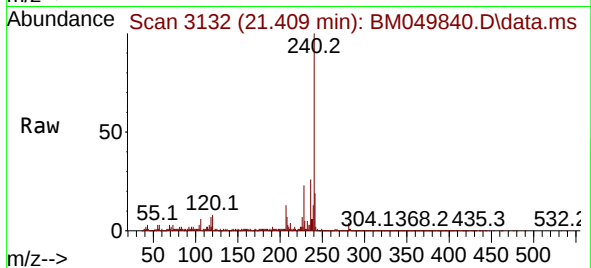
Tgt Ion:240 Resp: 1693342

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# 2792

Delta R.T. -0.018 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

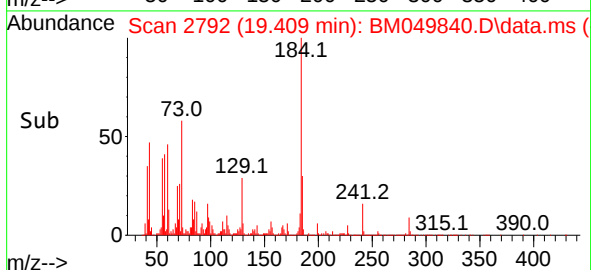
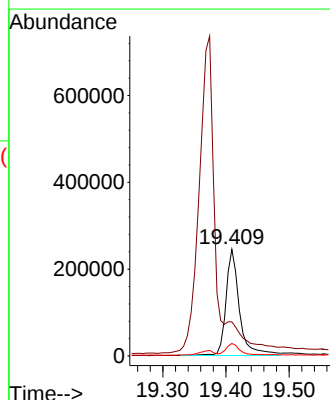
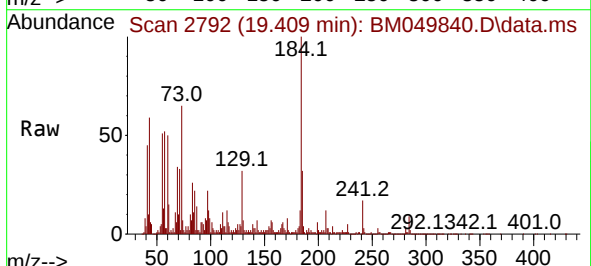
Tgt Ion:184 Resp: 364922

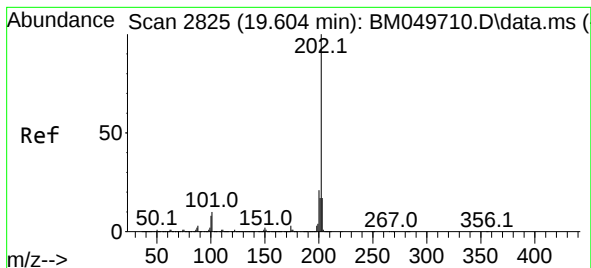
Ion Ratio Lower Upper

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# 2

Delta R.T. -0.012 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

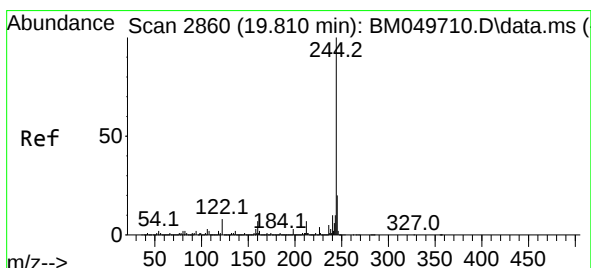
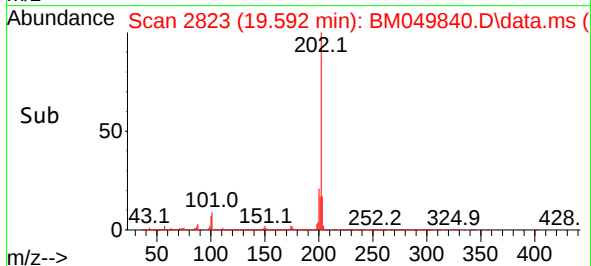
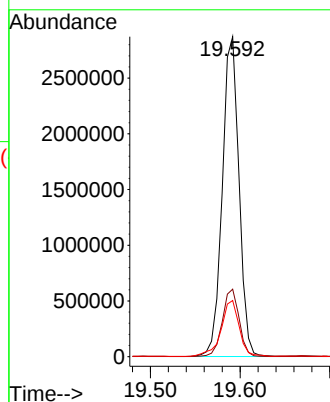
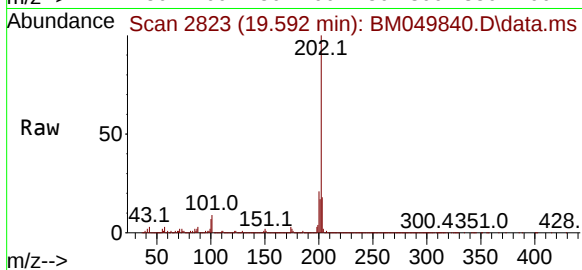
Tgt Ion:202 Resp: 3702863

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# 2857

Delta R.T. -0.018 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

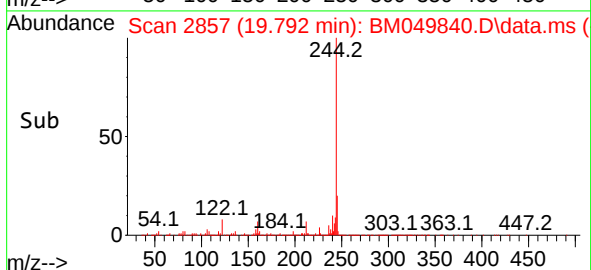
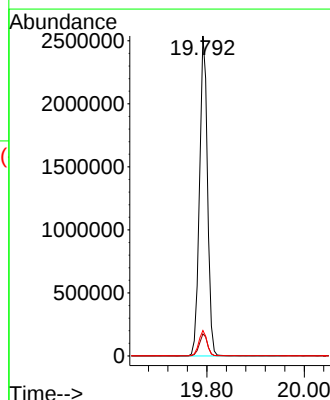
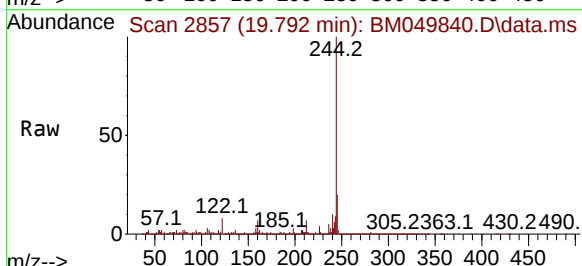
Tgt Ion:244 Resp: 2908837

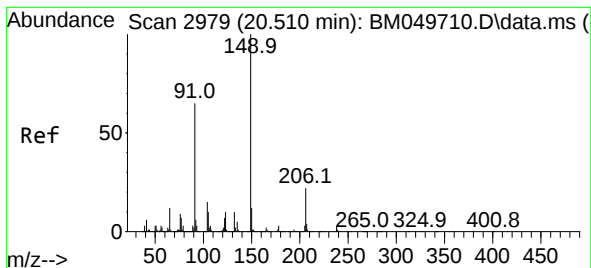
Ion Ratio Lower Upper

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

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

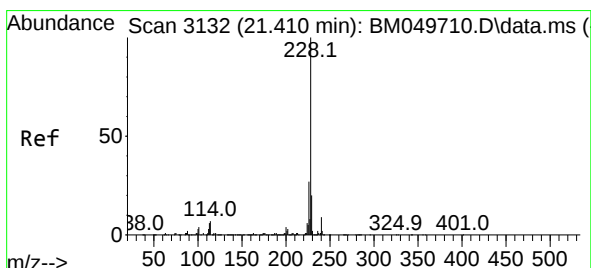
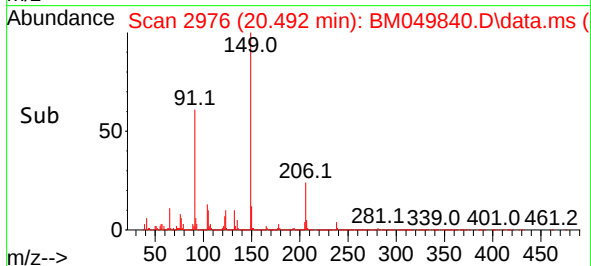
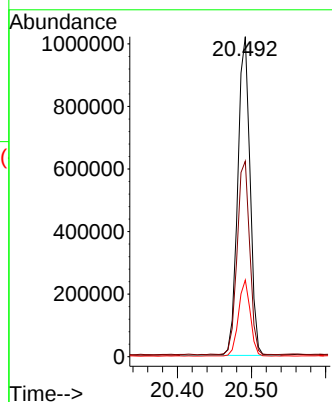
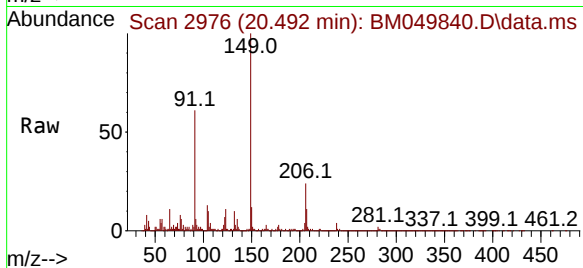
Tgt Ion:149 Resp: 1174213

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# 3129

Delta R.T. -0.018 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

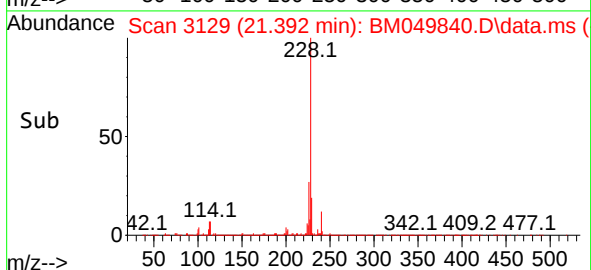
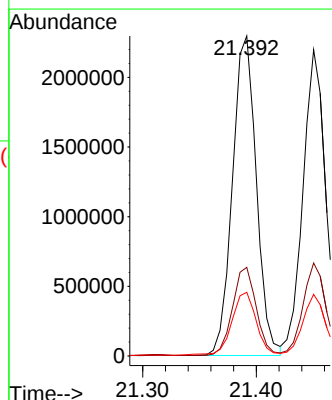
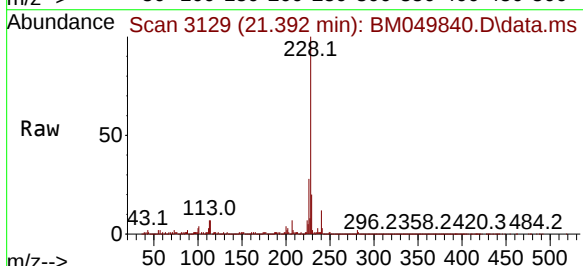
Tgt Ion:228 Resp: 3352891

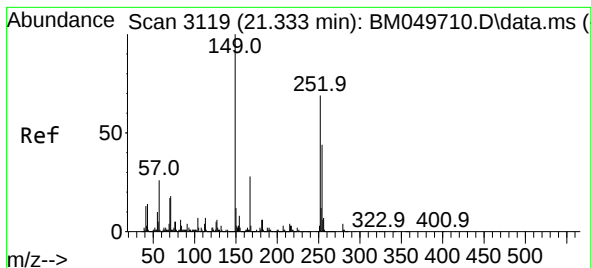
Ion Ratio Lower Upper

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# 3119

Delta R.T. -0.024 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

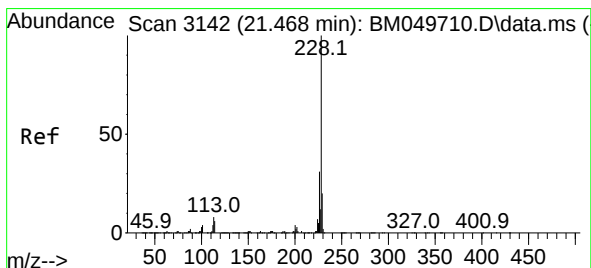
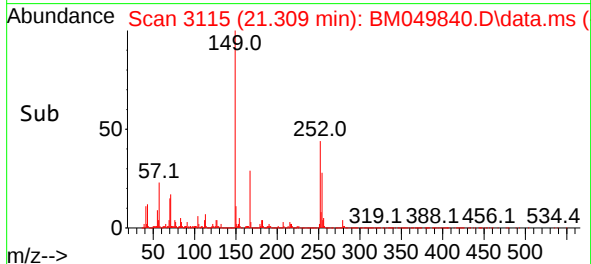
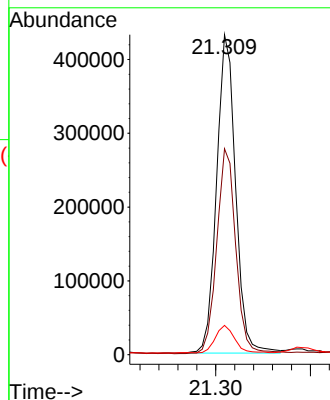
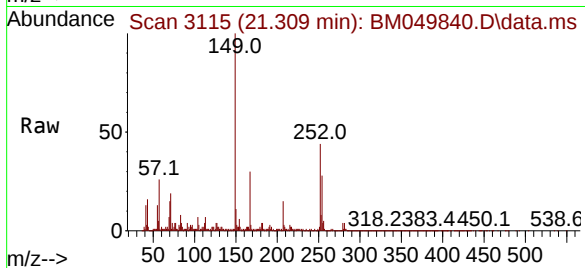
Tgt Ion:252 Resp: 602033

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# 3139

Delta R.T. -0.018 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

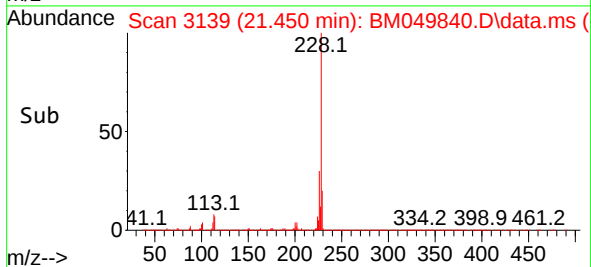
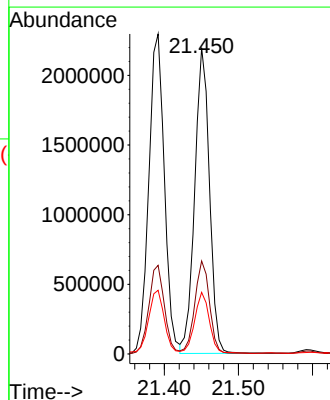
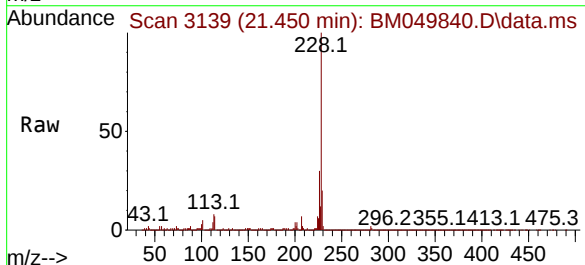
Tgt Ion:228 Resp: 3024622

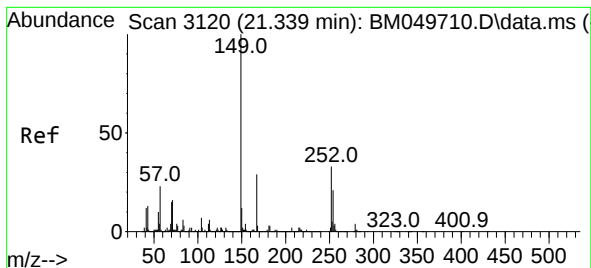
Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 20.1 15.8 23.6

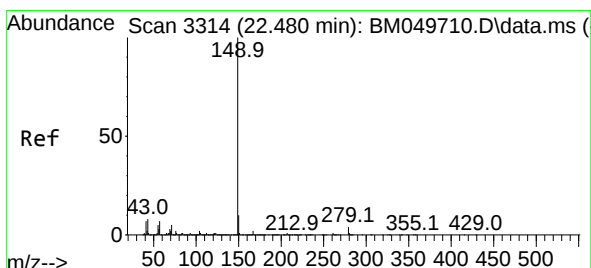
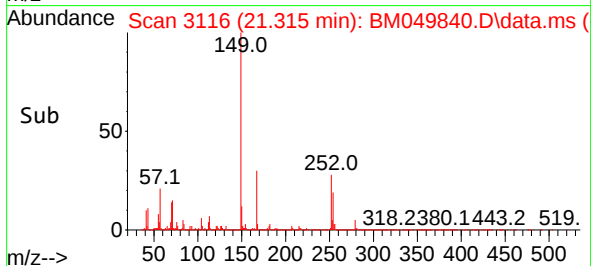
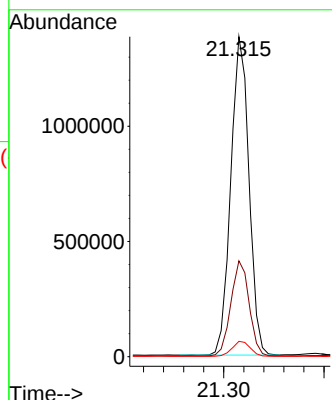
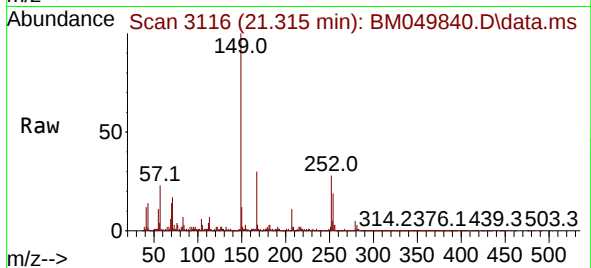




#84
Bis(2-ethylhexyl)phthalate
Concen: 30.373 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.024 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

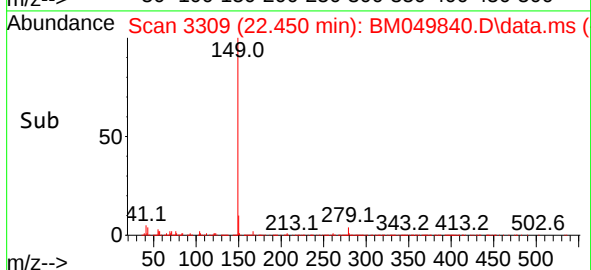
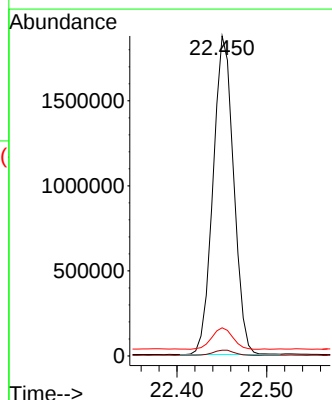
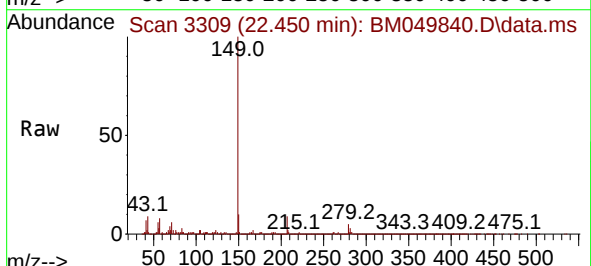
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

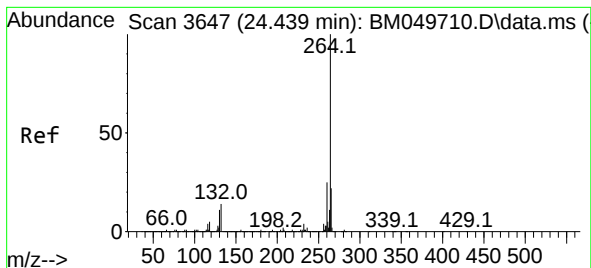
Tgt Ion:149 Resp: 1737937
Ion Ratio Lower Upper
149 100
167 29.9 22.9 34.3
279 4.8 3.5 5.3



#85
Di-n-octyl phthalate
Concen: 33.551 ng
RT: 22.450 min Scan# 3309
Delta R.T. -0.030 min
Lab File: BM049840.D
Acq: 07 Apr 2025 15:22

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# 3

Delta R.T. -0.030 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

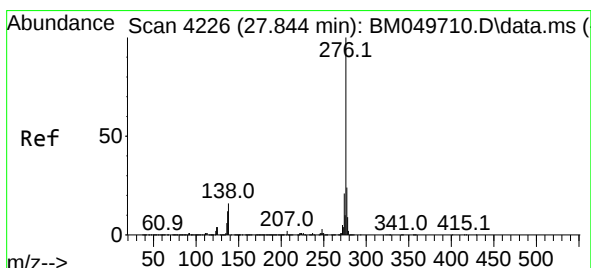
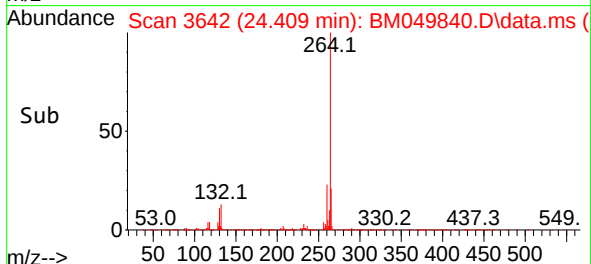
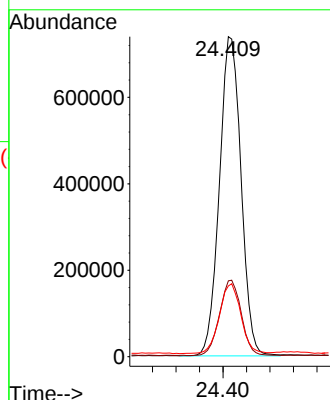
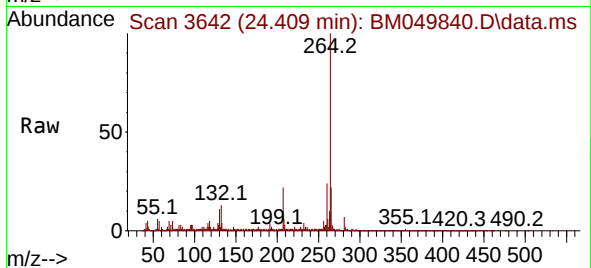
Tgt Ion:264 Resp: 1886435

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# 4220

Delta R.T. -0.036 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

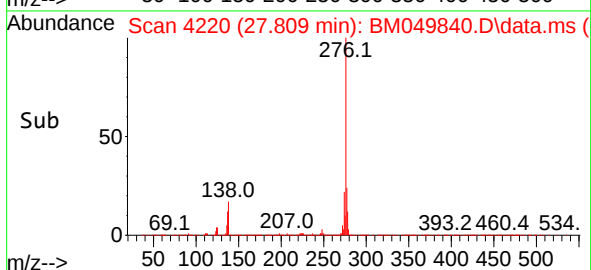
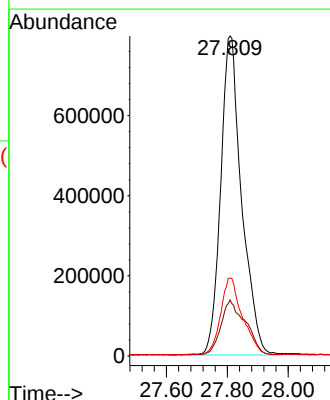
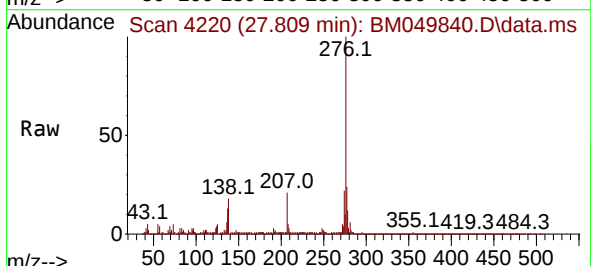
Tgt Ion:276 Resp: 3814615

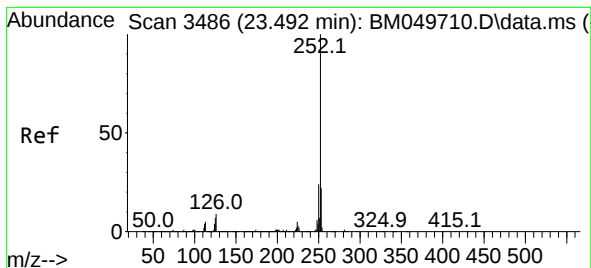
Ion Ratio Lower Upper

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# 3486

Delta R.T. -0.030 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

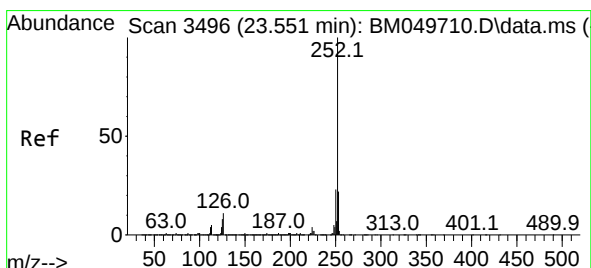
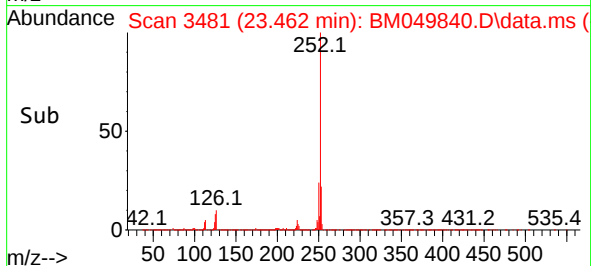
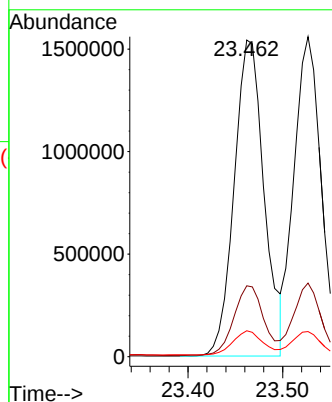
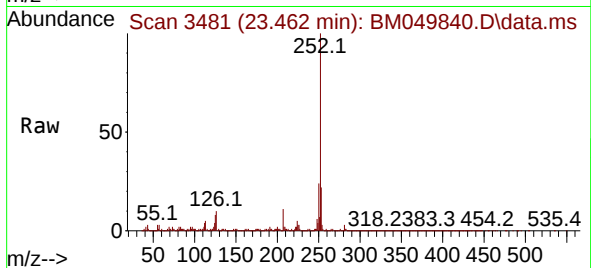
Tgt Ion:252 Resp: 3377304

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# 3492

Delta R.T. -0.024 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

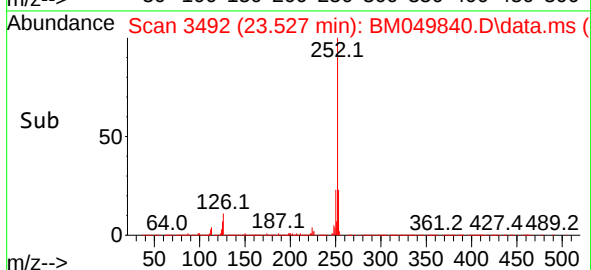
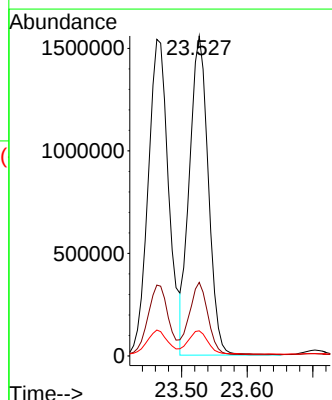
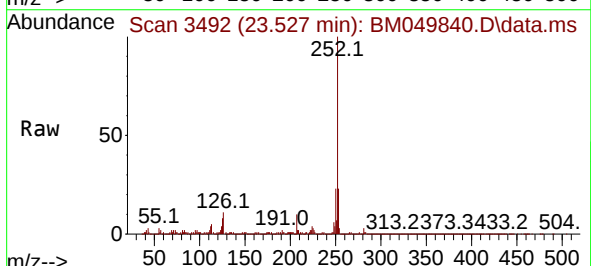
Tgt Ion:252 Resp: 3109134

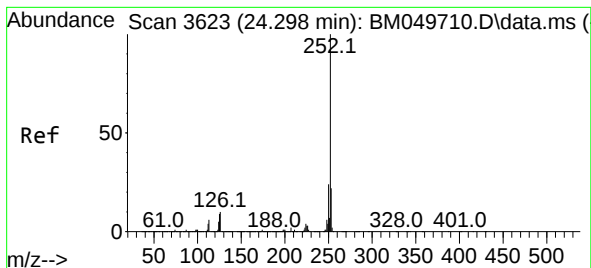
Ion Ratio Lower Upper

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# 3

Delta R.T. -0.024 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

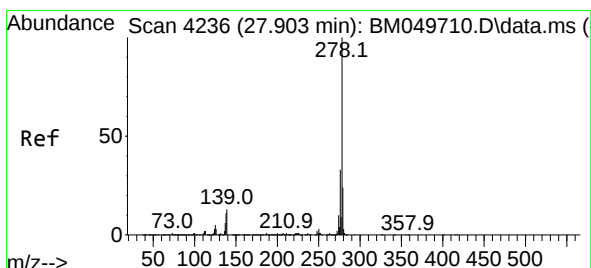
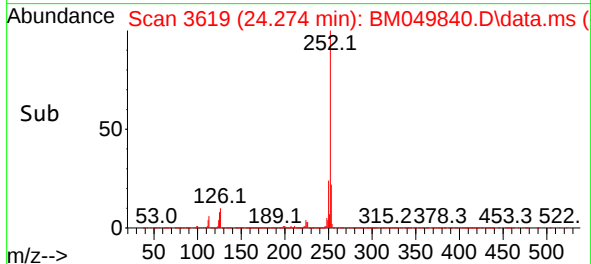
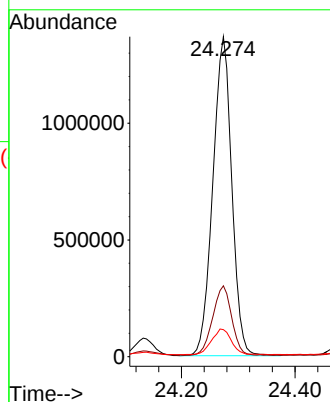
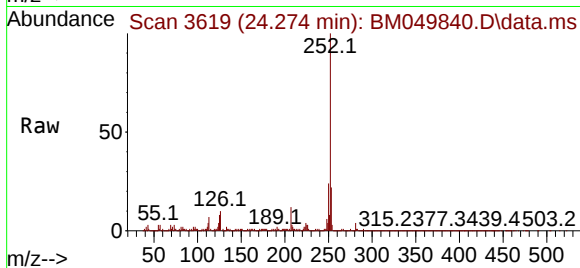
Tgt Ion:252 Resp: 3159107

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# 4230

Delta R.T. -0.036 min

Lab File: BM049840.D

Acq: 07 Apr 2025 15:22

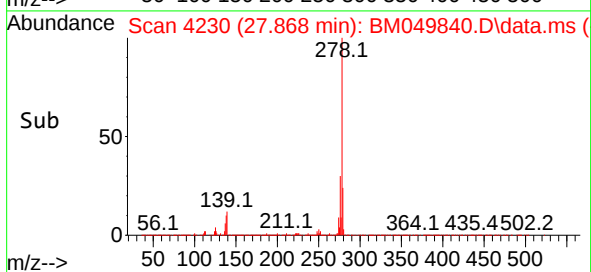
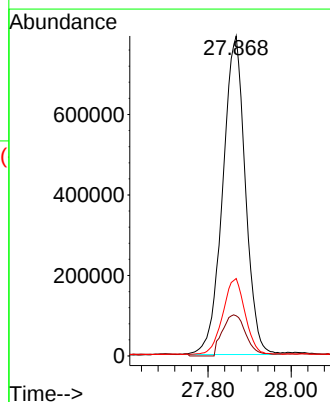
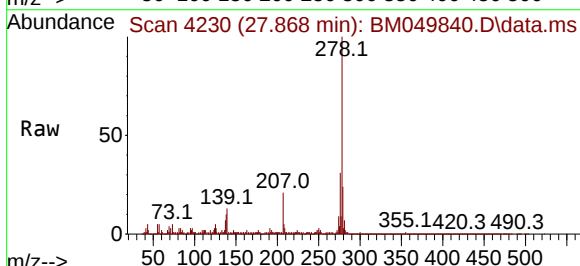
Tgt Ion:278 Resp: 2987633

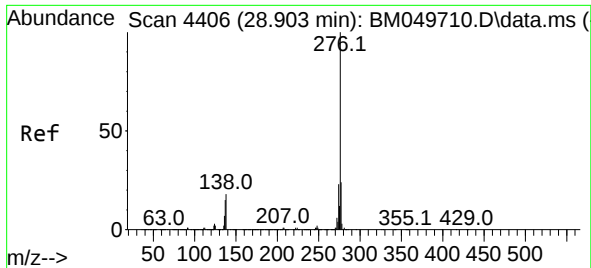
Ion Ratio Lower Upper

278 100

139 12.6 10.1 15.1

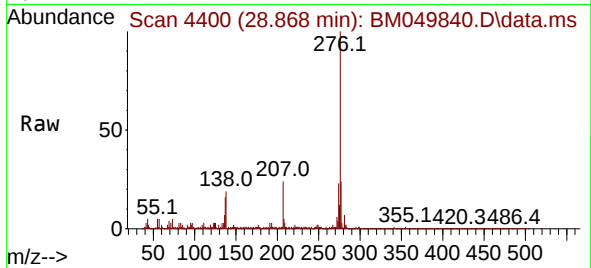
279 24.2 19.1 28.7





#92
 Benzo(g,h,i)perylene
 Concen: 26.906 ng
 RT: 28.868 min Scan# 44
 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: 3065814
 Ion Ratio Lower Upper
 276 100
 277 24.2 18.8 28.2
 138 18.8 14.0 21.0

