

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
 Data File : BM049841.D
 Acq On : 07 Apr 2025 16:02
 Operator : RC/JU
 Sample : Q1721-02MSD 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-05-040325MSD

Quant Time: Apr 07 16:43:01 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	368877	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	1283324	20.000	ng	-0.02
39) Acenaphthene-d10	14.428	164	802650	20.000	ng	-0.02
64) Phenanthrene-d10	17.169	188	1533775	20.000	ng	-0.02
76) Chrysene-d12	21.410	240	1544485	20.000	ng	-0.02
86) Perylene-d12	24.415	264	1732654	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1210931	55.391	ng	-0.02
7) Phenol-d6	6.958	99	1498515	54.620	ng	-0.02
23) Nitrobenzene-d5	8.940	82	868593	34.750	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	710977	75.857	ng	-0.02
45) 2-Fluorobiphenyl	13.045	172	2155380	33.630	ng	-0.02
79) Terphenyl-d14	19.792	244	2832951	30.909	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	189318	20.004	ng	98
3) Pyridine	3.670	79	529139	21.893	ng	97
4) n-Nitrosodimethylamine	3.575	42	220143	20.585	ng	# 86
6) Aniline	7.110	93	556961	24.232	ng	97
8) 2-Chlorophenol	7.352	128	645297	29.807	ng	97
9) Benzaldehyde	6.922	77	343247	25.308	ng	93
10) Phenol	6.987	94	755236	28.390	ng	94
11) bis(2-Chloroethyl)ether	7.205	93	575757	26.727	ng	96
12) 1,3-Dichlorobenzene	7.675	146	732678	27.848	ng	96
13) 1,4-Dichlorobenzene	7.822	146	734481	27.672	ng	97
14) 1,2-Dichlorobenzene	8.140	146	713298	28.278	ng	98
15) Benzyl Alcohol	8.022	79	496335	28.829	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.310	45	673492	26.600	ng	98
17) 2-Methylphenol	8.234	107	489726	31.008	ng	96
18) Hexachloroethane	8.863	117	242953	25.920	ng	91
19) n-Nitroso-di-n-propyla...	8.593	70	419971	26.399	ng	98
20) 3+4-Methylphenols	8.557	107	656796	31.032	ng	96
22) Acetophenone	8.604	105	853897	25.806	ng	98
24) Nitrobenzene	8.981	77	606481	25.732	ng	94
25) Isophorone	9.510	82	1151214	29.997	ng	97
26) 2-Nitrophenol	9.693	139	349379	34.828	ng	96
27) 2,4-Dimethylphenol	9.757	122	552266	43.251	ng	96
28) bis(2-Chloroethoxy)met...	9.987	93	731619	27.067	ng	99
29) 2,4-Dichlorophenol	10.234	162	660103	31.726	ng	97
30) 1,2,4-Trichlorobenzene	10.446	180	727179	27.934	ng	98
31) Naphthalene	10.628	128	1809880	27.427	ng	100
33) 4-Chloroaniline	10.740	127	499624	22.185	ng	97
34) Hexachlorobutadiene	10.922	225	455382	28.337	ng	98
35) Caprolactam	11.516	113	173517	35.920	ng	89
36) 4-Chloro-3-methylphenol	11.869	107	553591	31.004	ng	98
37) 2-Methylnaphthalene	12.245	142	1187231	25.730	ng	99
38) 1-Methylnaphthalene	12.463	142	1229265	27.612	ng	100
40) 1,2,4,5-Tetrachloroben...	12.616	216	799730	27.125	ng	99
41) Hexachlorocyclopentadiene	12.598	237	115800	10.602	ng	99
43) 2,4,6-Trichlorophenol	12.857	196	584269	35.384	ng	98
44) 2,4,5-Trichlorophenol	12.934	196	625465	34.711	ng	98

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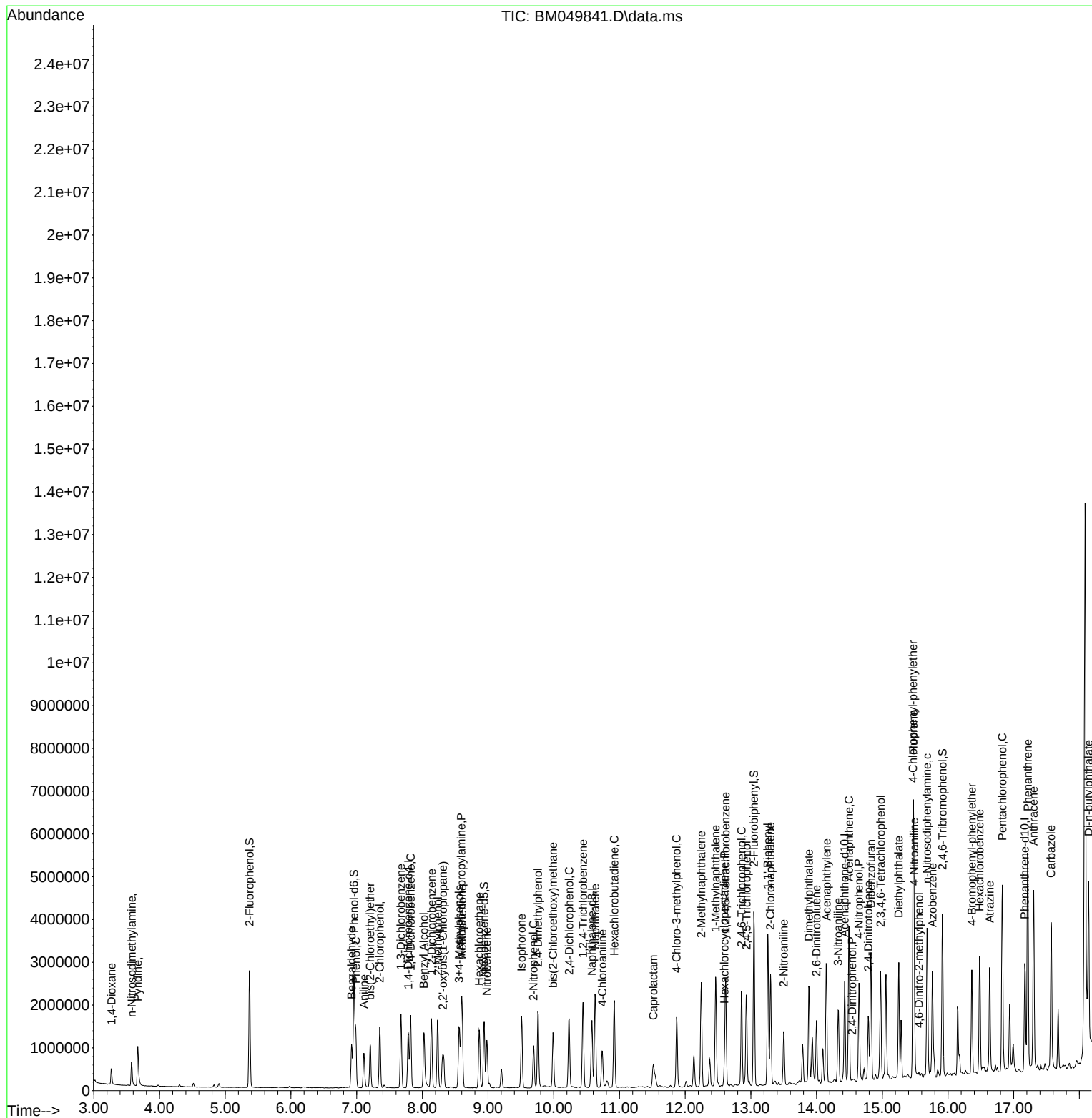
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.257	154	1713141	27.693	ng	99
47) 2-Chloronaphthalene	13.298	162	1344485	27.922	ng	99
48) 2-Nitroaniline	13.498	65	317057	29.332	ng	91
49) Acenaphthylene	14.151	152	2065672	30.692	ng	99
50) Dimethylphthalate	13.881	163	1574344	28.489	ng	100
51) 2,6-Dinitrotoluene	13.998	165	327121	29.543	ng	88
52) Acenaphthene	14.492	154	1274700	28.874	ng	98
53) 3-Nitroaniline	14.328	138	296063	28.098	ng	95
54) 2,4-Dinitrophenol	14.539	184	6233	4.524	ng #	87
55) Dibenzofuran	14.828	168	2061694	28.026	ng	98
56) 4-Nitrophenol	14.645	139	636380	69.383	ng	89
57) 2,4-Dinitrotoluene	14.786	165	442642	31.066	ng	92
58) Fluorene	15.475	166	1744955	29.134	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	552837	36.652	ng	90
60) Diethylphthalate	15.251	149	1487883	28.587	ng	97
61) 4-Chlorophenyl-phenyle...	15.469	204	857672	26.224	ng	95
62) 4-Nitroaniline	15.486	138	343901	29.041	ng	91
63) Azobenzene	15.763	77	1325193	26.656	ng	94
65) 4,6-Dinitro-2-methylph...	15.557	198	20773	5.936	ng #	68
66) n-Nitrosodiphenylamine	15.680	169	1370027	29.482	ng	98
67) 4-Bromophenyl-phenylether	16.363	248	512850	28.961	ng	99
68) Hexachlorobenzene	16.480	284	586199	29.437	ng	99
69) Atrazine	16.633	200	478186	46.692	ng	99
70) Pentachlorophenol	16.827	266	862396	68.913	ng	98
71) Phenanthrene	17.216	178	3279776	38.510	ng	99
72) Anthracene	17.304	178	2687250	32.581	ng	100
73) Carbazole	17.569	167	2309010	30.912	ng	100
74) Di-n-butylphthalate	18.139	149	2540858	31.035	ng	99
75) Fluoranthene	19.227	202	3672649	37.456	ng	99
77) Benzidine	19.410	184	549114	29.593	ng #	84
78) Pyrene	19.592	202	3620268	33.550	ng	100
80) Butylbenzylphthalate	20.492	149	1120117	33.449	ng	95
81) Benzo(a)anthracene	21.392	228	3330942	32.289	ng	100
82) 3,3'-Dichlorobenzidine	21.315	252	657250	19.569	ng	98
83) Chrysene	21.451	228	3025428	30.938	ng	99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1678514	32.162	ng	98
85) Di-n-octyl phthalate	22.457	149	2934404	36.176	ng #	96
87) Indeno(1,2,3-cd)pyrene	27.815	276	3786957	30.366	ng	99
88) Benzo(b)fluoranthene	23.468	252	3326545	28.505	ng	98
89) Benzo(k)fluoranthene	23.533	252	3164065	27.554	ng	98
90) Benzo(a)pyrene	24.274	252	3150499	32.140	ng	98
91) Dibenzo(a,h)anthracene	27.874	278	2981571	28.696	ng	99
92) Benzo(g,h,i)perylene	28.880	276	3072357	29.356	ng	99

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

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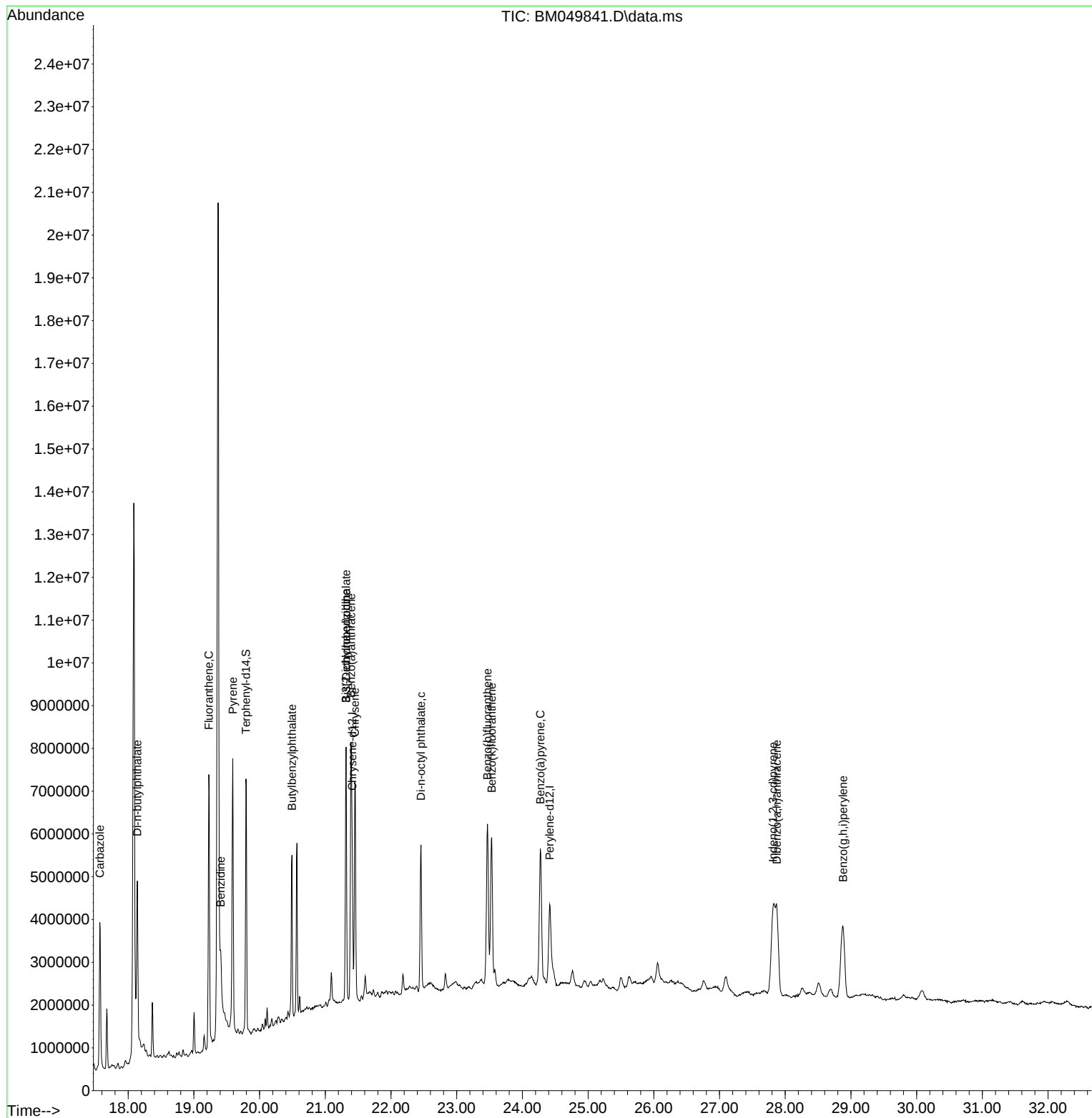
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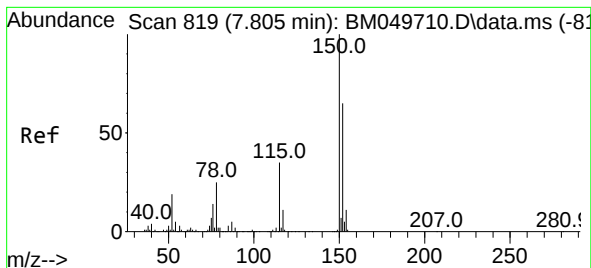


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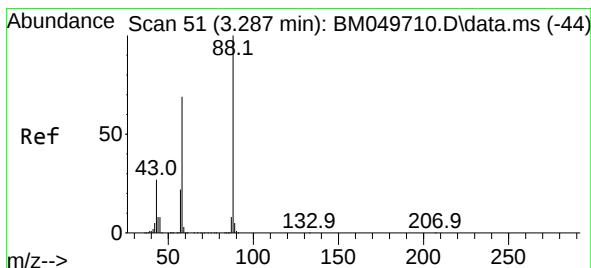
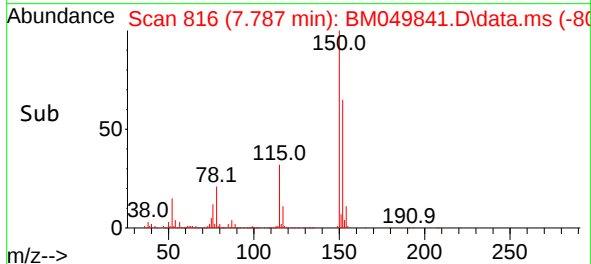
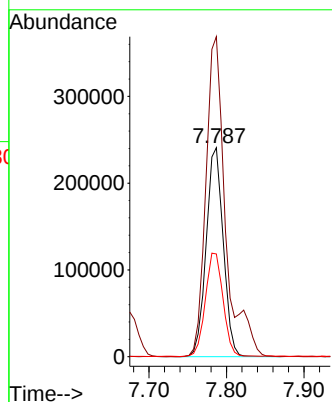
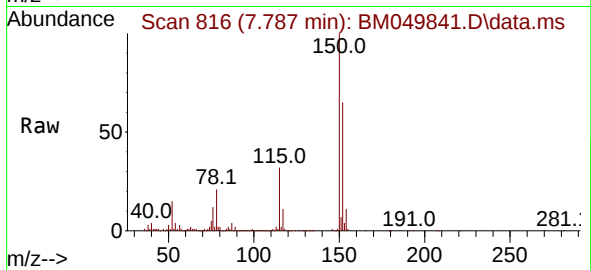




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BM049841.D
 Acq: 07 Apr 2025 16:02

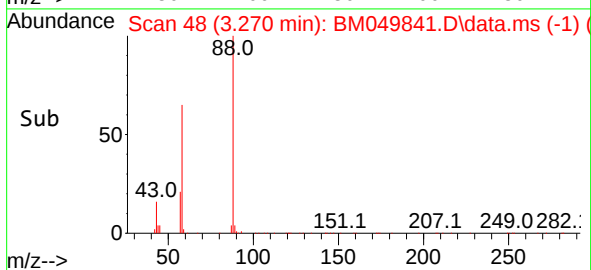
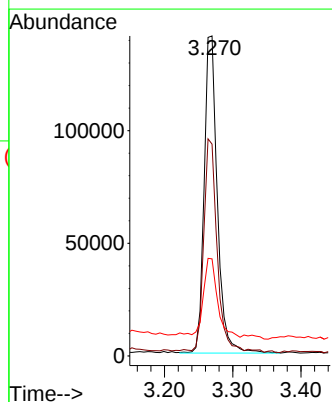
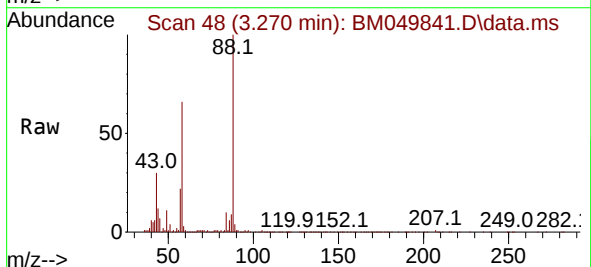
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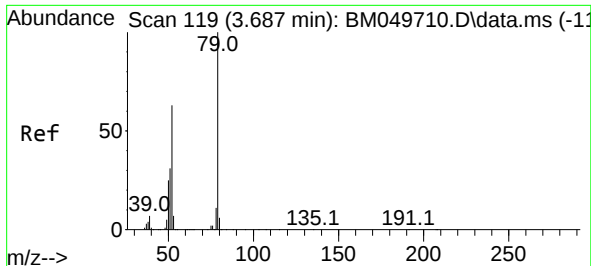
Tgt Ion:152 Resp: 368877
 Ion Ratio Lower Upper
 152 100
 150 153.1 123.8 185.8
 115 49.2 43.0 64.6



#2
 1,4-Dioxane
 Concen: 20.004 ng
 RT: 3.270 min Scan# 48
 Delta R.T. -0.018 min
 Lab File: BM049841.D
 Acq: 07 Apr 2025 16:02

Tgt Ion: 88 Resp: 189318
 Ion Ratio Lower Upper
 88 100
 58 69.7 56.7 85.1
 43 26.2 22.6 34.0

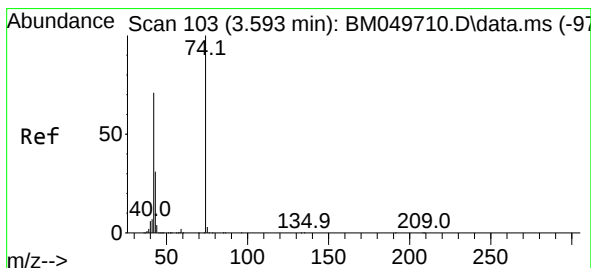
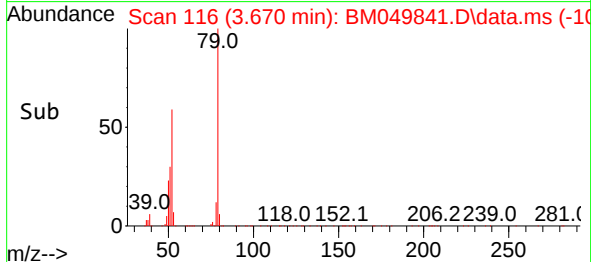
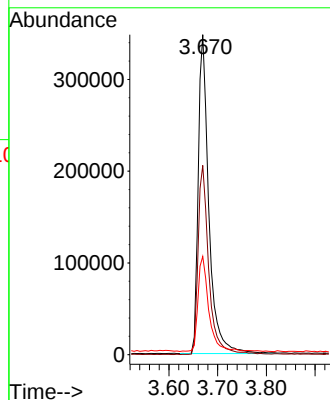
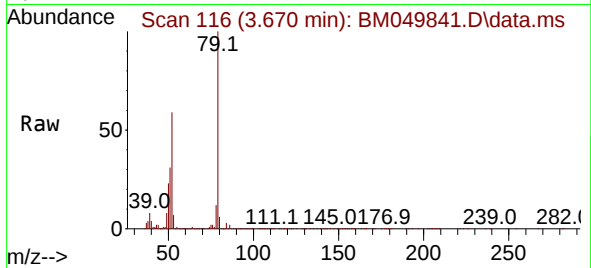




#3
Pyridine
Concen: 21.893 ng
RT: 3.670 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

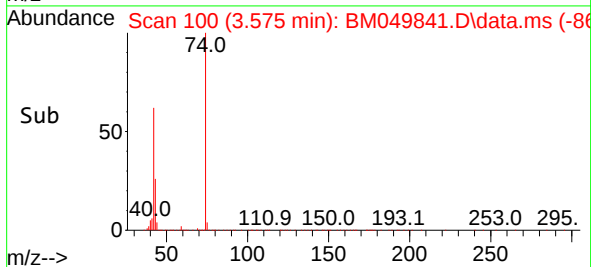
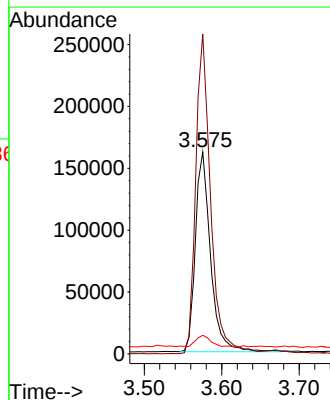
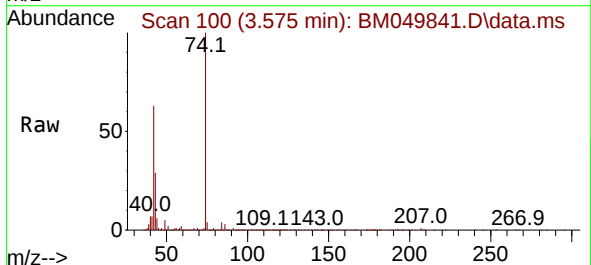
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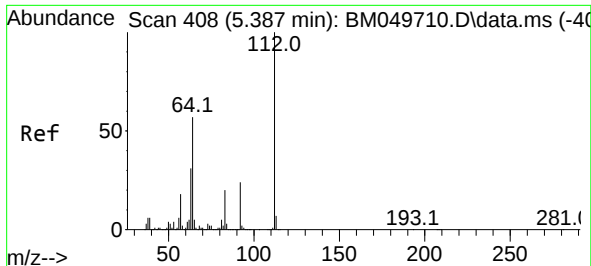
Tgt Ion: 79 Resp: 529139
Ion Ratio Lower Upper
79 100
52 59.1 50.1 75.1
51 30.7 25.2 37.8



#4
n-Nitrosodimethylamine
Concen: 20.585 ng
RT: 3.575 min Scan# 100
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

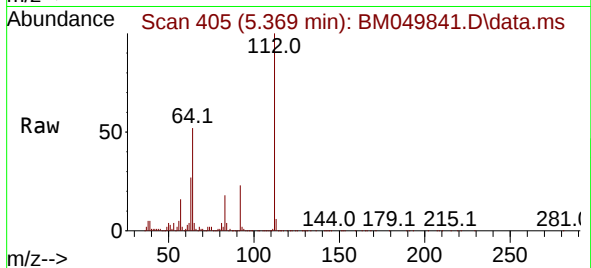
Tgt Ion: 42 Resp: 220143
Ion Ratio Lower Upper
42 100
74 158.5 112.6 168.8
44 9.3 5.0 7.6



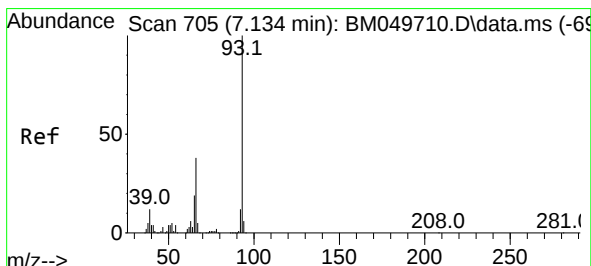
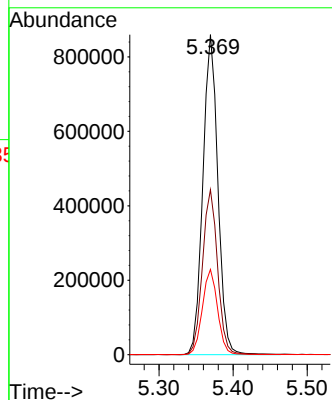
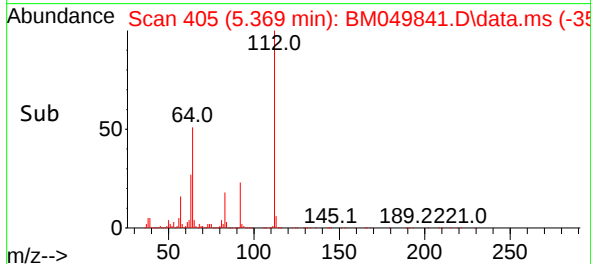


#5
2-Fluorophenol
Concen: 55.391 ng
RT: 5.369 min Scan# 408
Delta R.T. -0.018 min
Lab File: BM049841.D
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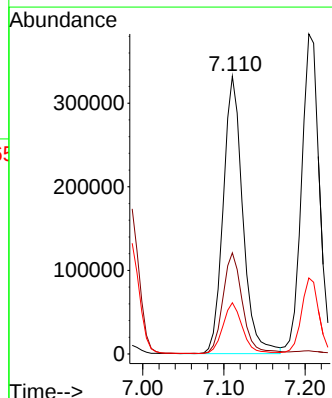
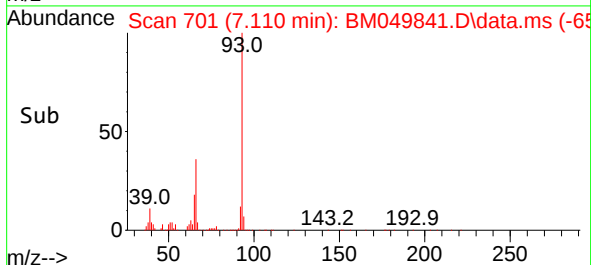
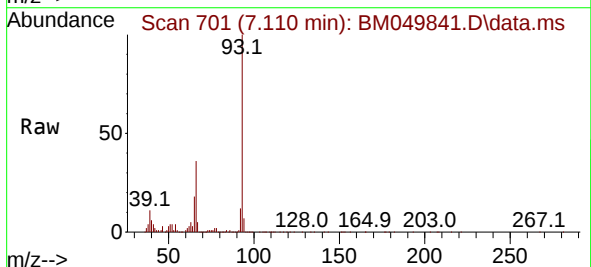


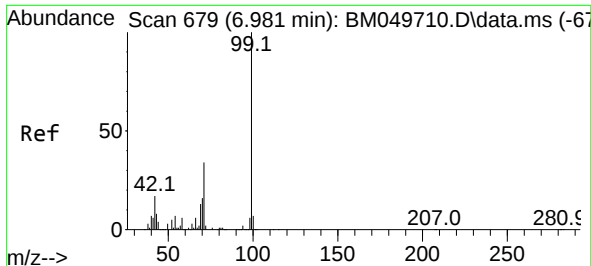
Tgt Ion:112 Resp: 1210931
Ion Ratio Lower Upper
112 100
64 51.5 45.3 67.9
63 26.7 24.4 36.6



#6
Aniline
Concen: 24.232 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion: 93 Resp: 556961
Ion Ratio Lower Upper
93 100
66 36.4 30.6 46.0
65 18.5 15.4 23.2

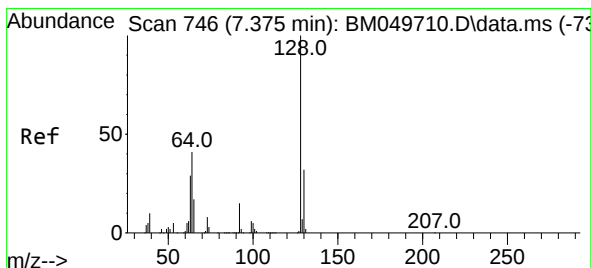
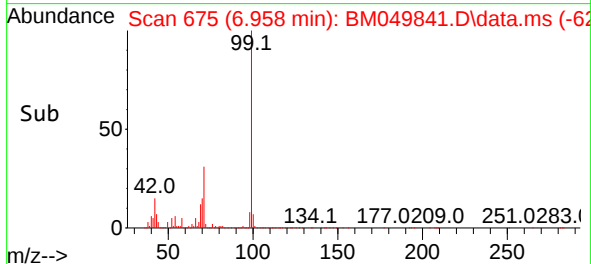
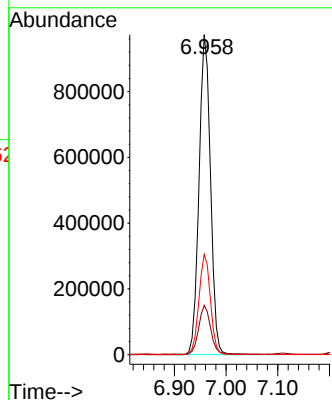
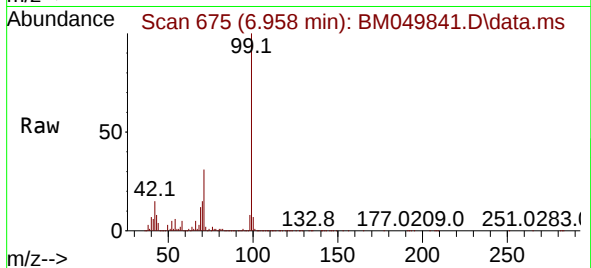




#7
Phenol-d6
Concen: 54.620 ng
RT: 6.958 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049841.D
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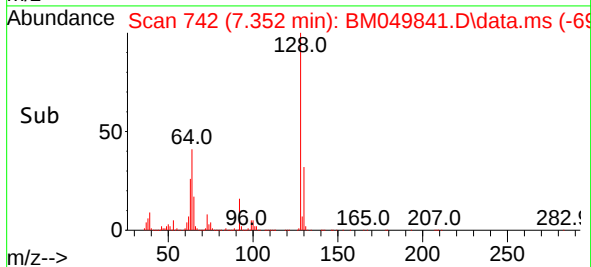
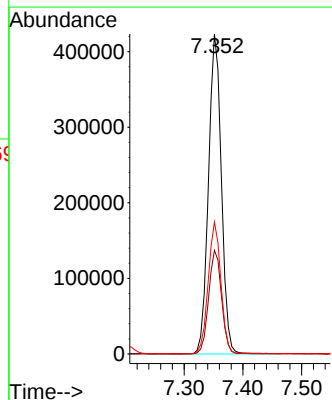
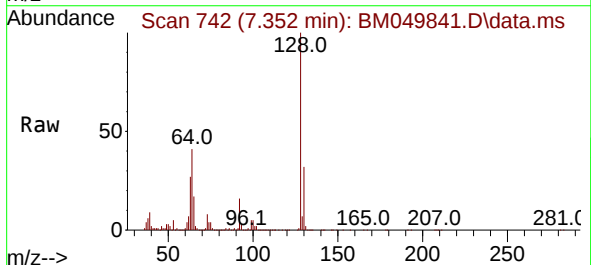
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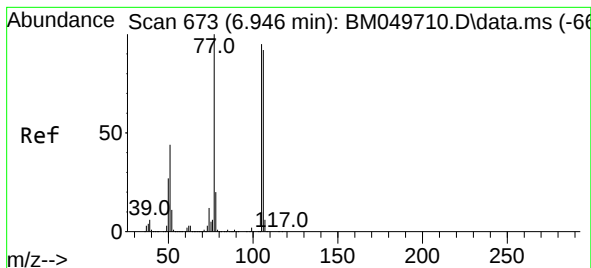
Tgt Ion: 99 Resp: 1498515
Ion Ratio Lower Upper
99 100
42 15.4 13.6 20.4
71 31.4 27.0 40.6



#8
2-Chlorophenol
Concen: 29.807 ng
RT: 7.352 min Scan# 742
Delta R.T. -0.024 min
Lab File: BM049841.D
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Tgt Ion: 128 Resp: 645297
Ion Ratio Lower Upper
128 100
130 32.4 12.5 52.5
64 41.3 24.9 64.9





#9

Benzaldehyde

Concen: 25.308 ng

RT: 6.922 min Scan# 6

Delta R.T. -0.024 min

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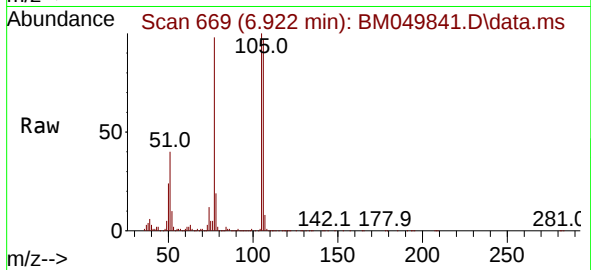
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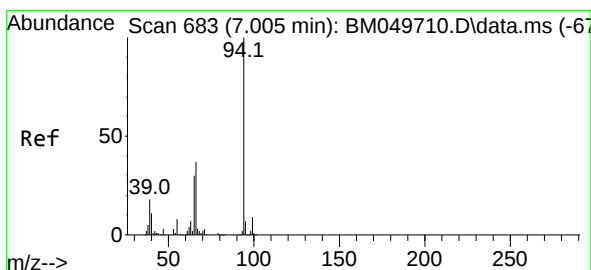
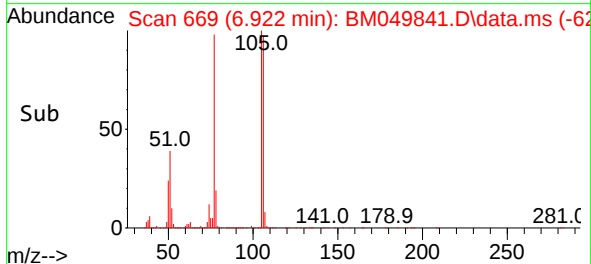
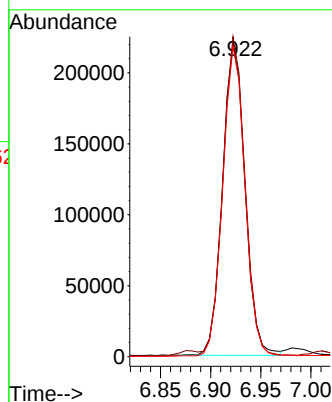
Tgt Ion: 77 Resp: 343247

Ion Ratio Lower Upper

77 100

105 102.0 75.0 115.0

106 99.0 72.3 112.3



#10

Phenol

Concen: 28.390 ng

RT: 6.987 min Scan# 680

Delta R.T. -0.018 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

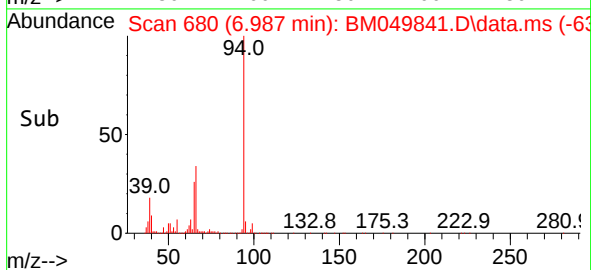
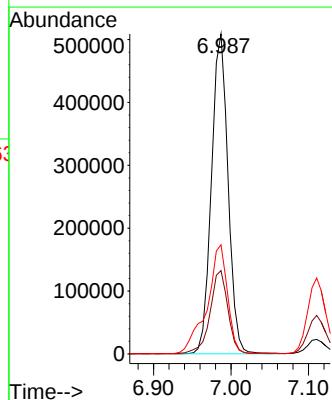
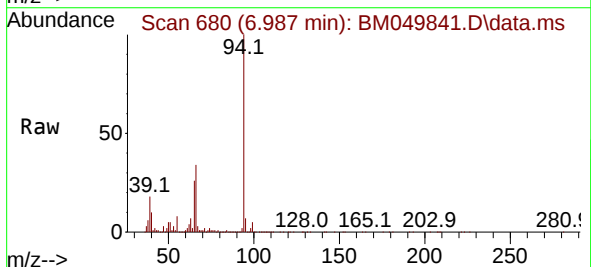
Tgt Ion: 94 Resp: 755236

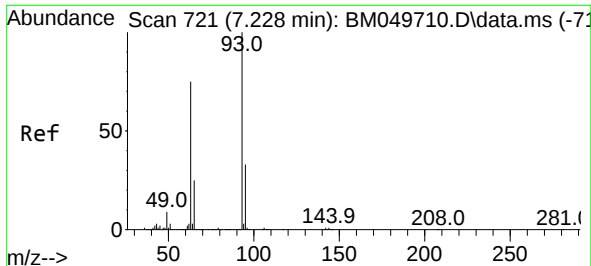
Ion Ratio Lower Upper

94 100

65 26.0 10.4 50.4

66 34.1 17.1 57.1

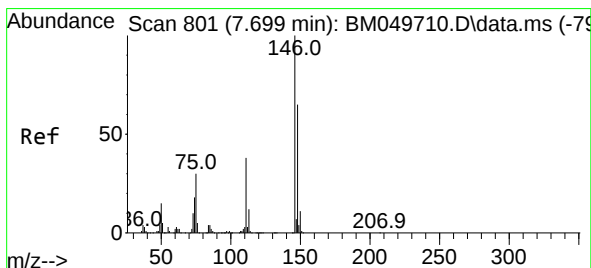
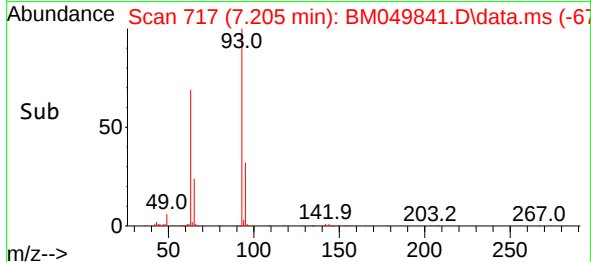
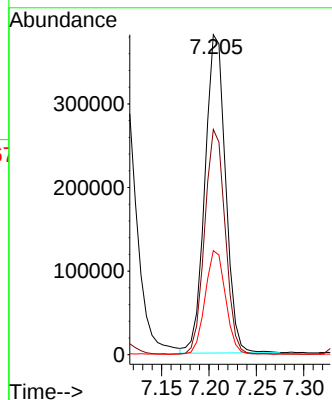
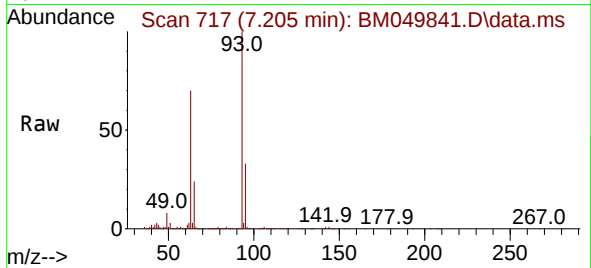




#11
bis(2-Chloroethyl)ether
Concen: 26.727 ng
RT: 7.205 min Scan# 717
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

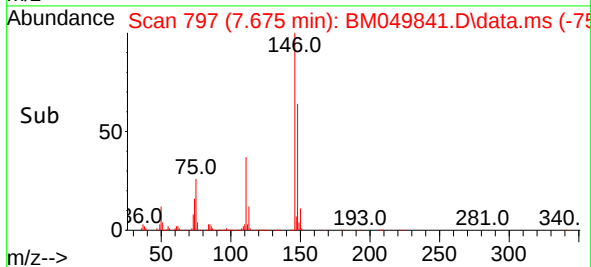
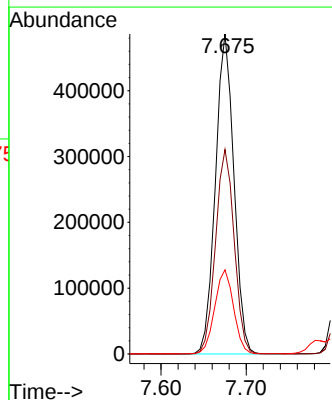
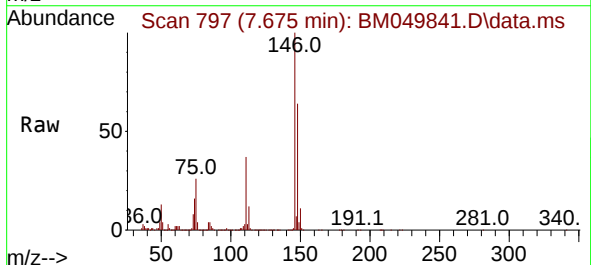
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

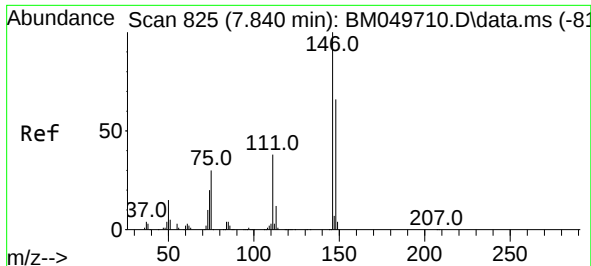
Tgt Ion: 93 Resp: 575757
Ion Ratio Lower Upper
93 100
63 70.4 54.8 94.8
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 27.848 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion:146 Resp: 732678
Ion Ratio Lower Upper
146 100
148 63.9 52.3 78.5
75 26.3 24.2 36.2

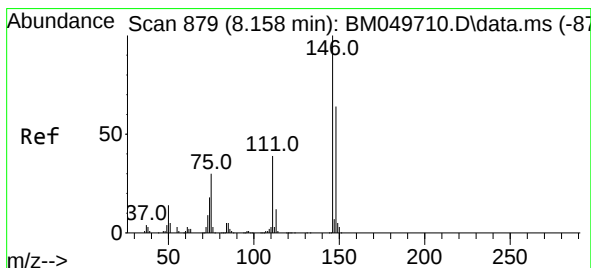
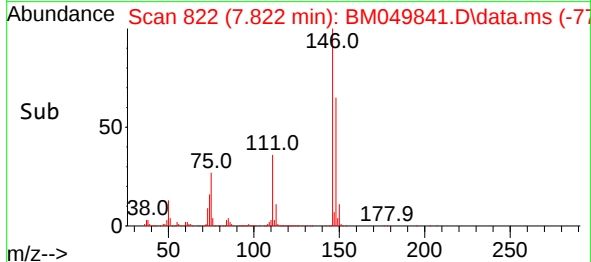
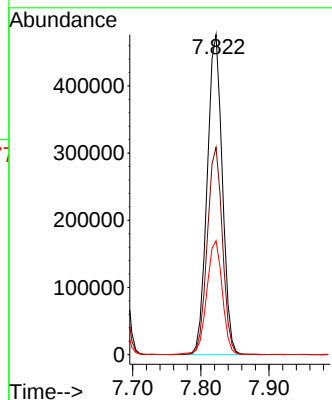
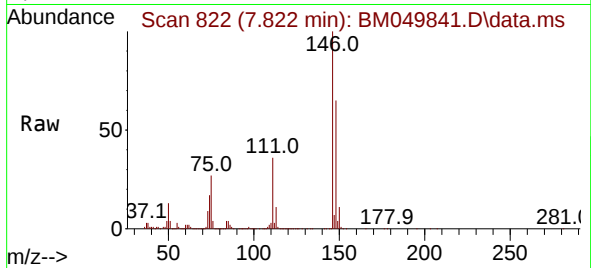




#13
1,4-Dichlorobenzene
Concen: 27.672 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

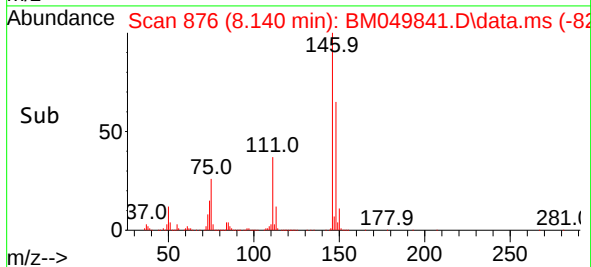
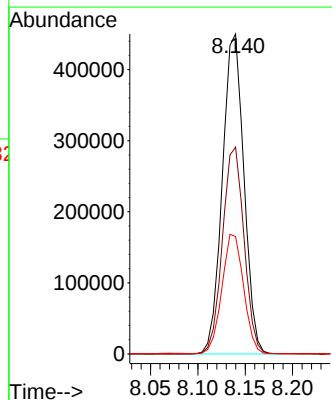
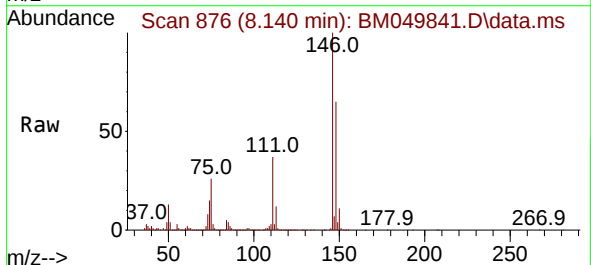
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

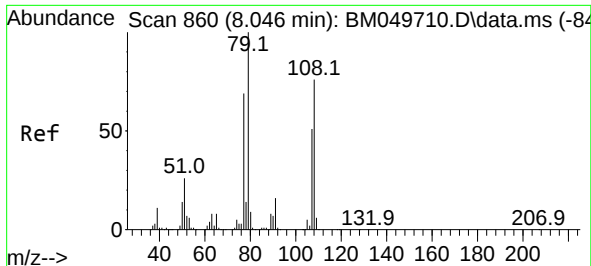
Tgt Ion:146 Resp: 734481
Ion Ratio Lower Upper
146 100
148 64.8 52.6 79.0
111 35.6 30.8 46.2



#14
1,2-Dichlorobenzene
Concen: 28.278 ng
RT: 8.140 min Scan# 876
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion:146 Resp: 713298
Ion Ratio Lower Upper
146 100
148 64.7 50.9 76.3
111 36.7 31.0 46.6

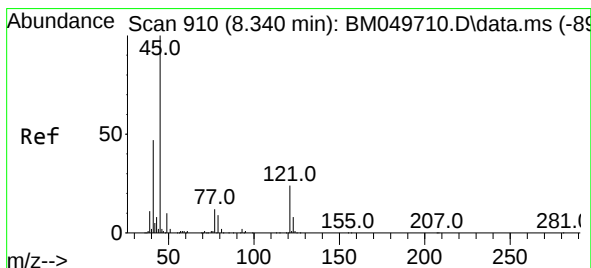
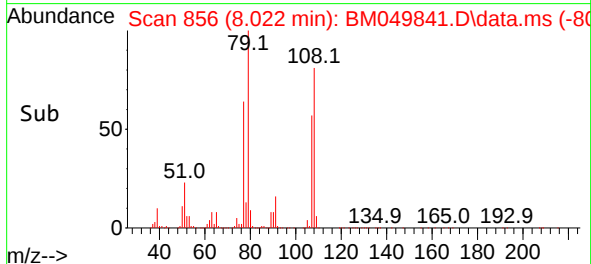
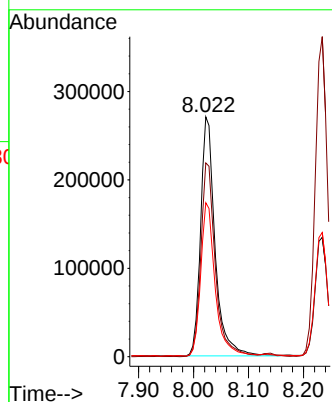
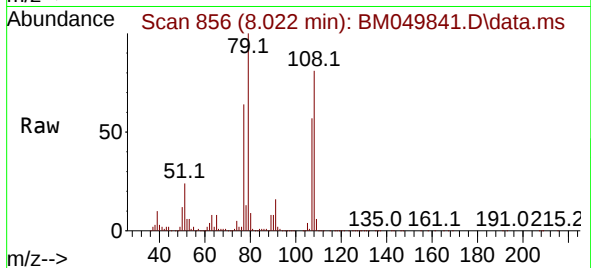




#15
Benzyl Alcohol
Concen: 28.829 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

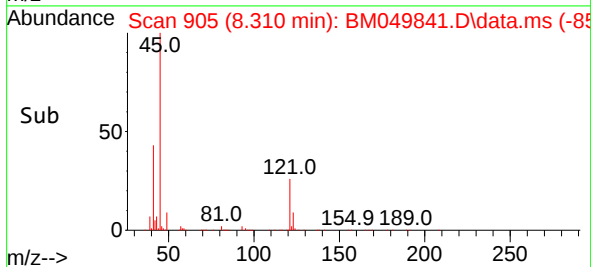
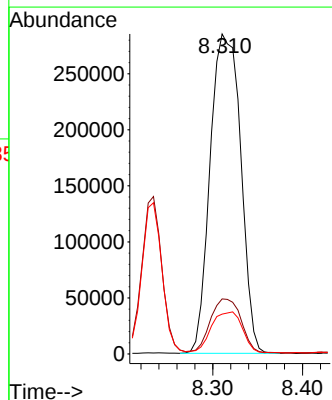
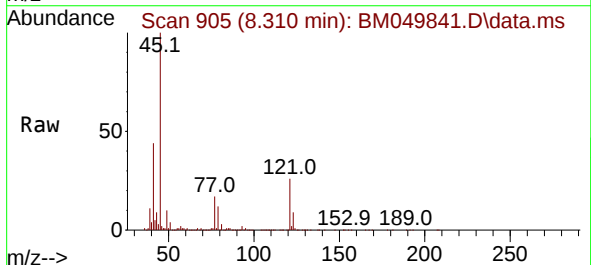
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

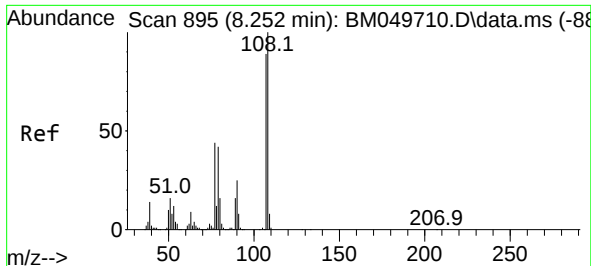
Tgt Ion: 79 Resp: 496335
Ion Ratio Lower Upper
79 100
108 80.8 60.7 91.1
77 64.2 55.4 83.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.600 ng
RT: 8.310 min Scan# 905
Delta R.T. -0.029 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

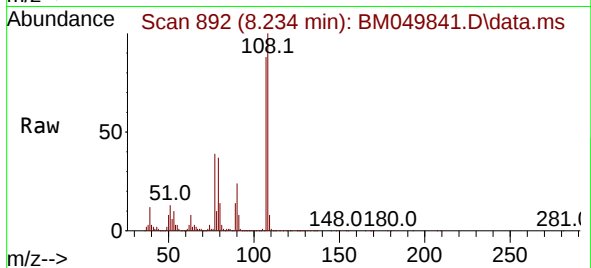
Tgt Ion: 45 Resp: 673492
Ion Ratio Lower Upper
45 100
77 17.2 0.0 36.1
79 12.4 0.0 32.8





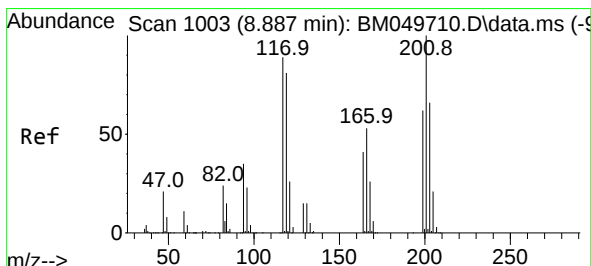
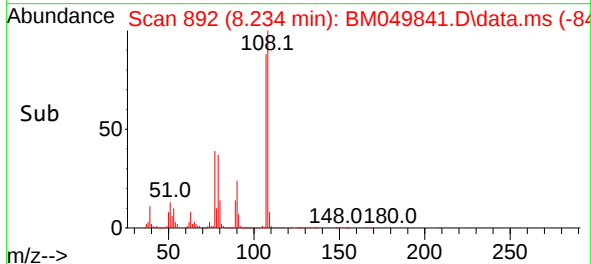
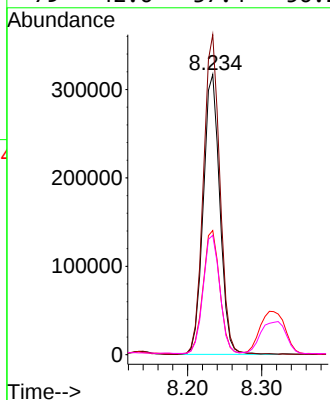
#17
2-Methylphenol
Concen: 31.008 ng
RT: 8.234 min Scan# 895
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD



Tgt Ion:107 Resp: 489726

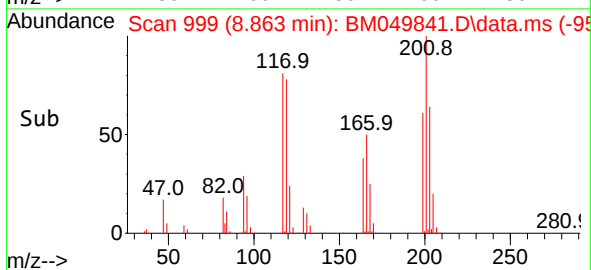
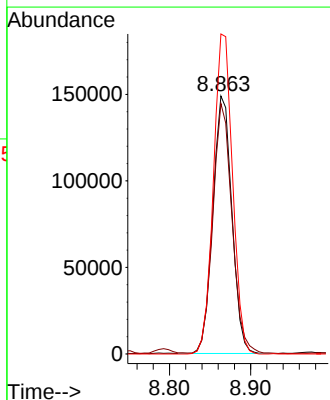
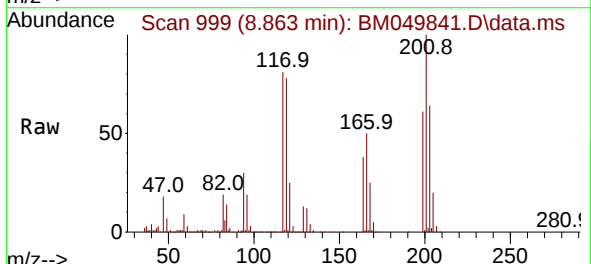
Ion	Ratio	Lower	Upper
107	100		
108	114.2	89.6	134.4
77	44.3	39.8	59.6
79	42.6	37.4	56.2

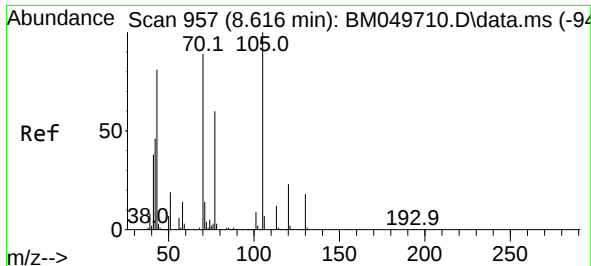


#18
Hexachloroethane
Concen: 25.920 ng
RT: 8.863 min Scan# 999
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion:117 Resp: 242953

Ion	Ratio	Lower	Upper
117	100		
119	97.0	73.1	109.7
201	124.0	90.0	135.0



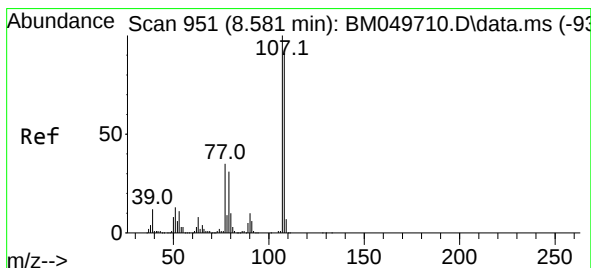
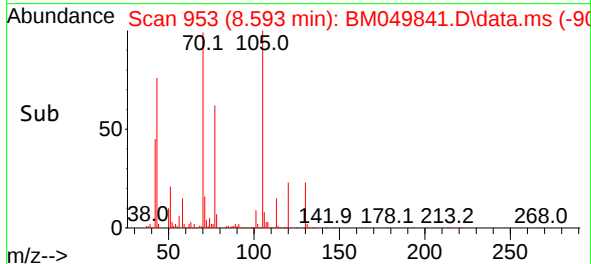
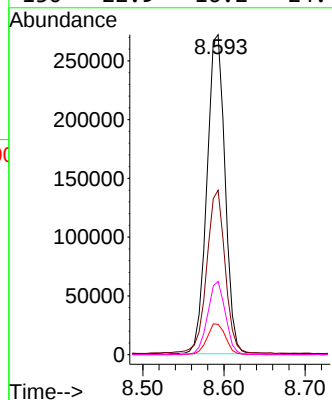
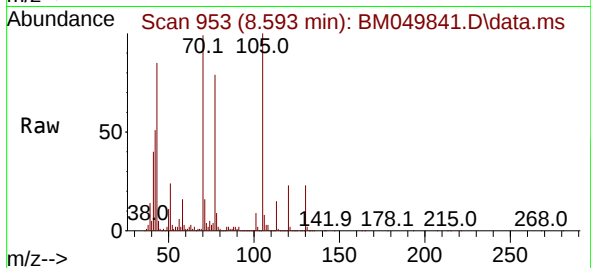


#19
n-Nitroso-di-n-propylamine
Concen: 26.399 ng
RT: 8.593 min Scan# 91
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

Tgt Ion: 70 Resp: 419971

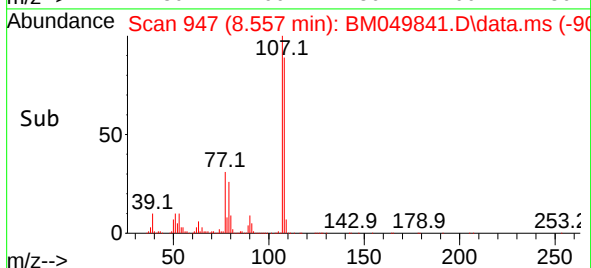
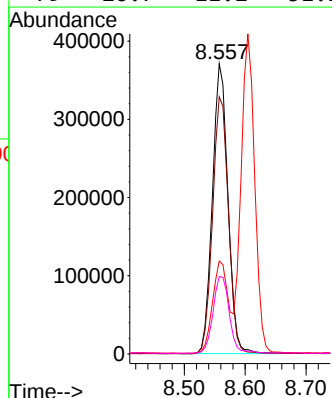
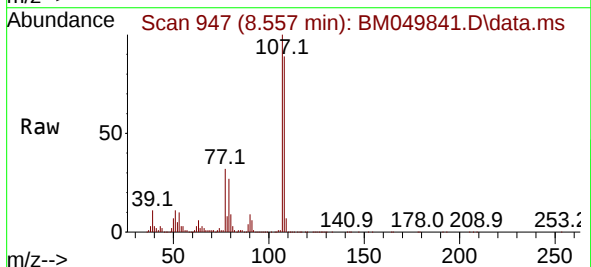
Ion	Ratio	Lower	Upper
70	100		
42	51.4	41.8	62.6
101	9.4	7.7	11.5
130	22.9	16.2	24.4

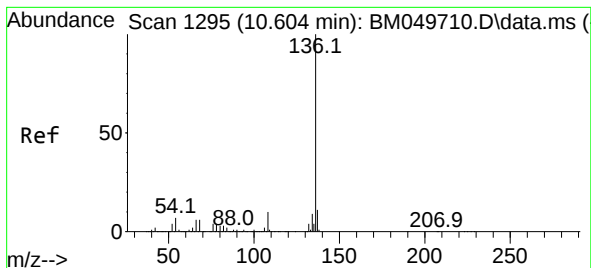


#20
3+4-Methylphenols
Concen: 31.032 ng
RT: 8.557 min Scan# 947
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion: 107 Resp: 656796

Ion	Ratio	Lower	Upper
107	100		
108	88.6	71.0	111.0
77	32.0	15.1	55.1
79	26.7	11.2	51.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.581 min Scan# 1291

Delta R.T. -0.024 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

Tgt Ion:136 Resp: 1283324

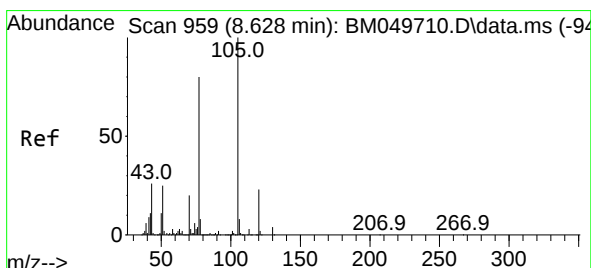
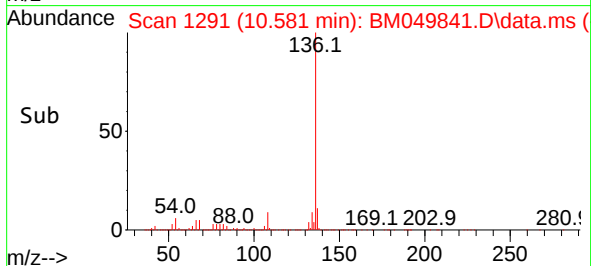
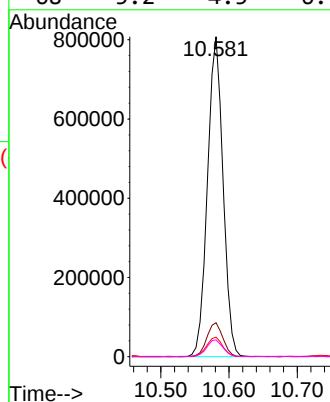
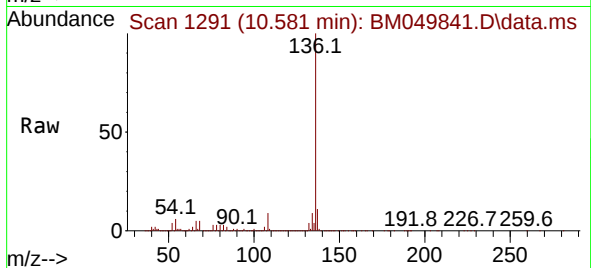
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 6.1 5.8 8.8

68 5.2 4.5 6.7



#22

Acetophenone

Concen: 25.806 ng

RT: 8.604 min Scan# 955

Delta R.T. -0.024 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

Tgt Ion:105 Resp: 853897

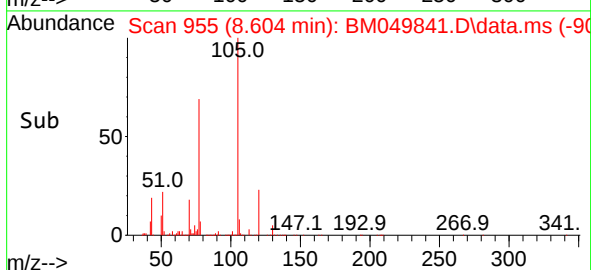
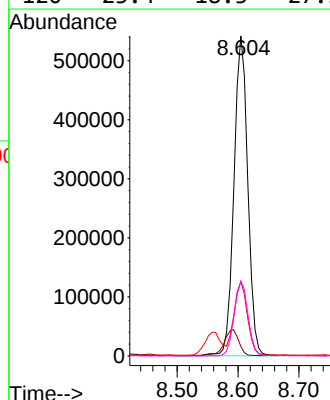
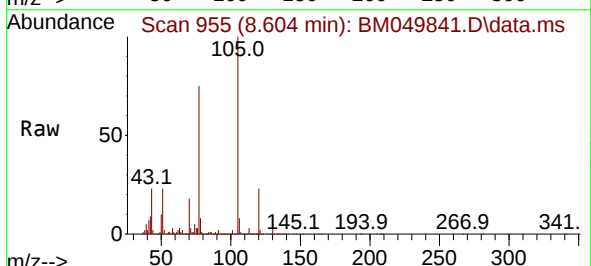
Ion Ratio Lower Upper

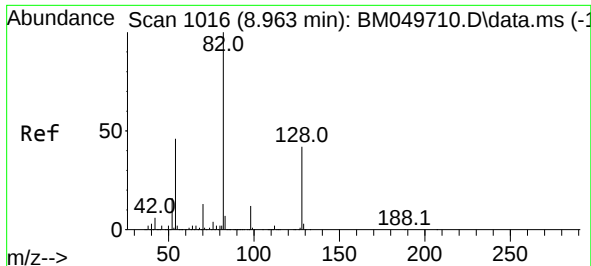
105 100

71 3.0 2.5 3.7

51 23.2 19.9 29.9

120 23.4 18.3 27.5

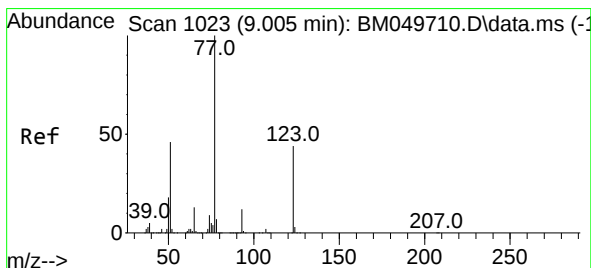
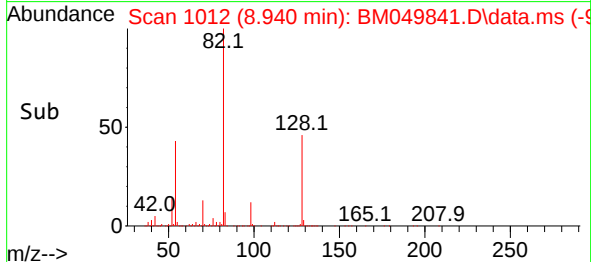
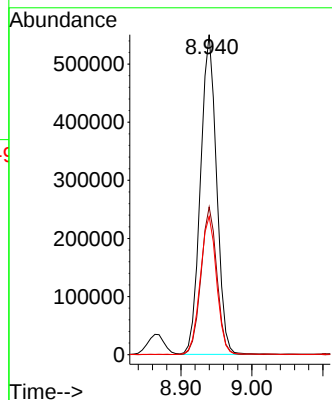
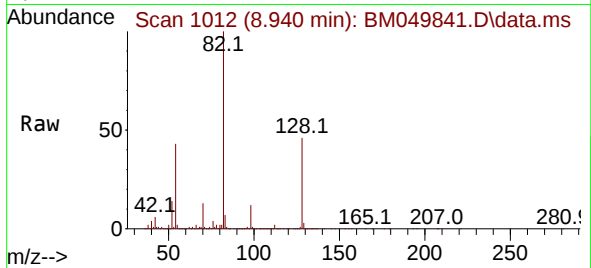




#23
Nitrobenzene-d5
Concen: 34.750 ng
RT: 8.940 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

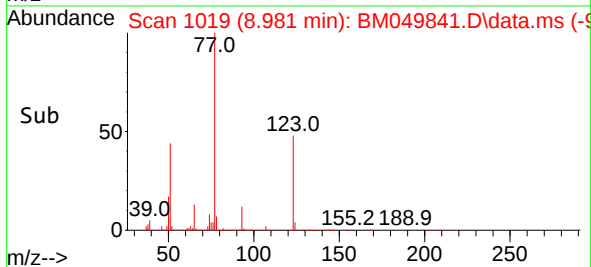
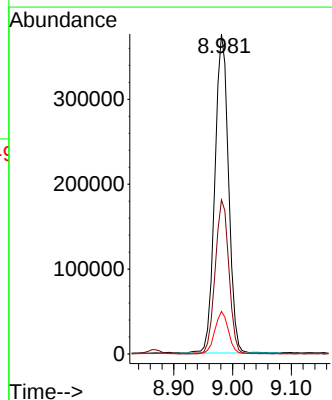
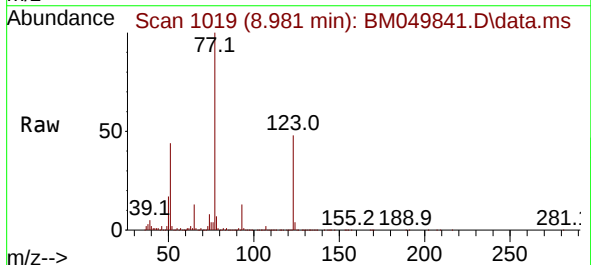
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

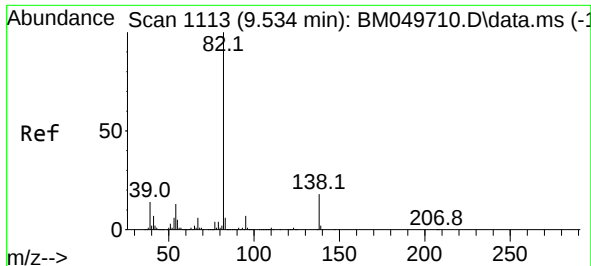
Tgt Ion: 82 Resp: 868593
Ion Ratio Lower Upper
82 100
128 46.1 33.4 50.0
54 43.2 36.4 54.6



#24
Nitrobenzene
Concen: 25.732 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion: 77 Resp: 606481
Ion Ratio Lower Upper
77 100
123 48.2 34.9 52.3
65 13.3 10.6 15.8





#25

Isophorone

Concen: 29.997 ng

RT: 9.510 min Scan# 1109

Delta R.T. -0.024 min

Lab File: BM049841.D

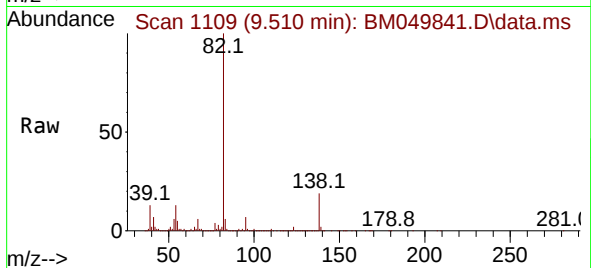
Acq: 07 Apr 2025 16:02

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD



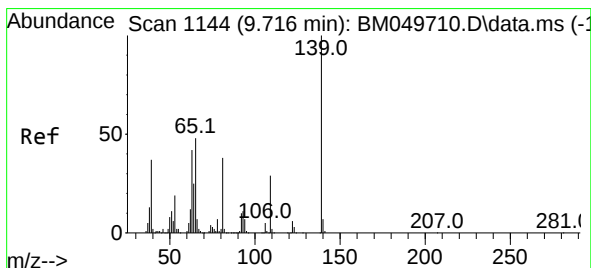
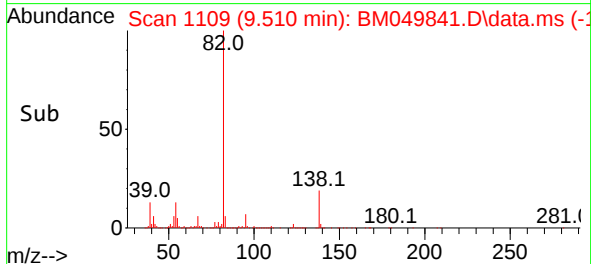
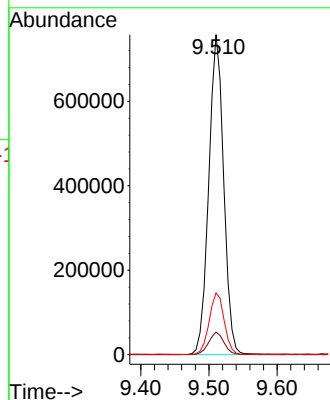
Tgt Ion: 82 Resp: 1151214

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 19.3 14.4 21.6



#26

2-Nitrophenol

Concen: 34.828 ng

RT: 9.693 min Scan# 1140

Delta R.T. -0.024 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

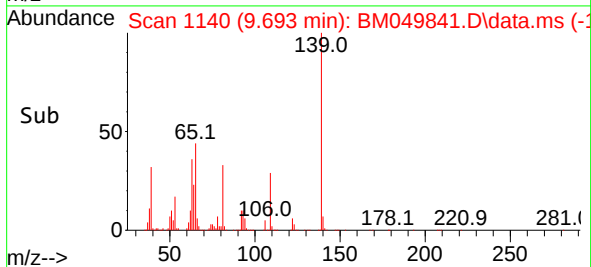
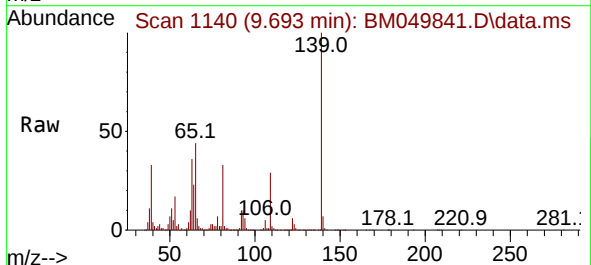
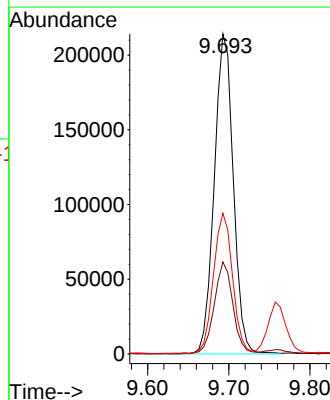
Tgt Ion:139 Resp: 349379

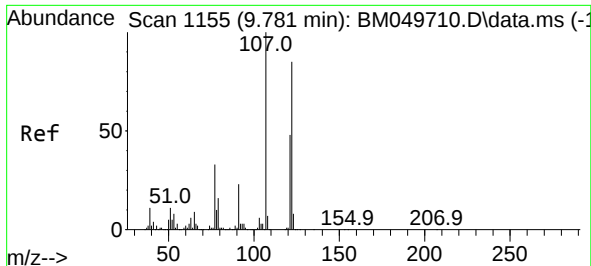
Ion Ratio Lower Upper

139 100

109 28.7 23.3 34.9

65 44.0 38.6 58.0

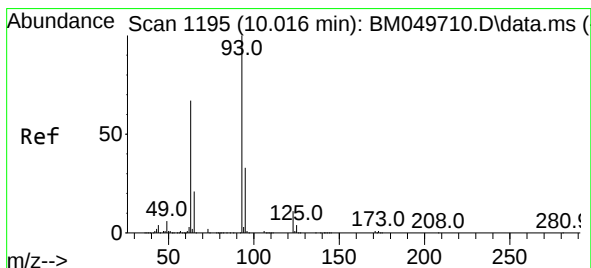
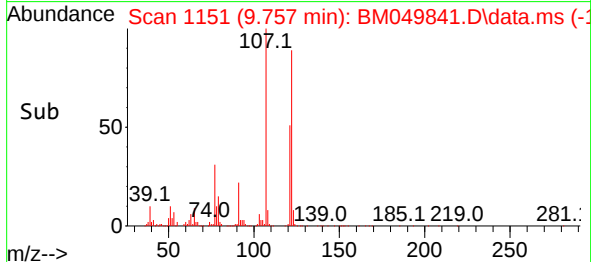
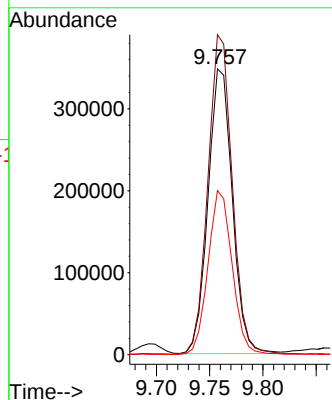
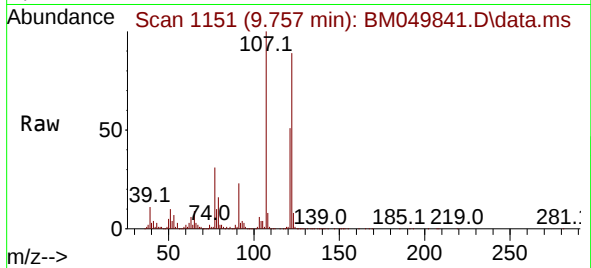




#27
2,4-Dimethylphenol
Concen: 43.251 ng
RT: 9.757 min Scan# 1151
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

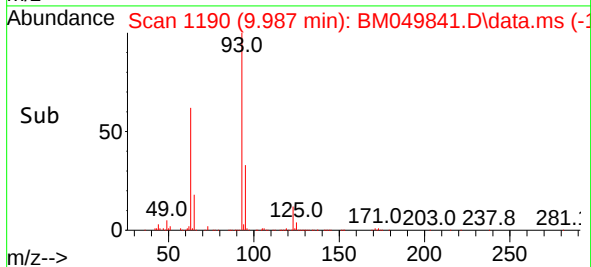
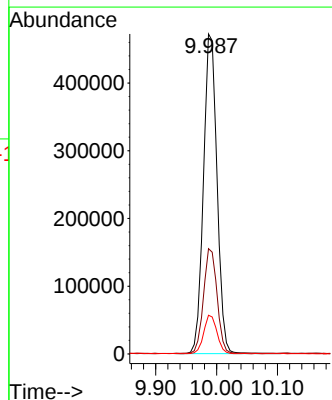
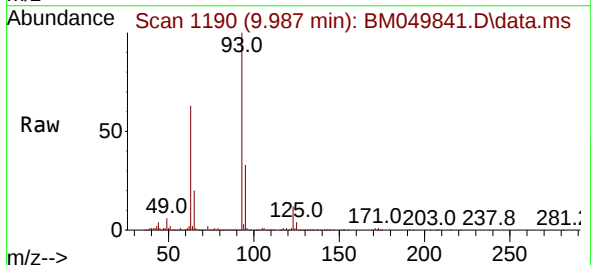
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

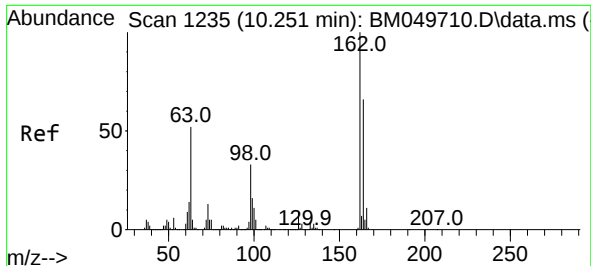
Tgt Ion:122 Resp: 552266
Ion Ratio Lower Upper
122 100
107 112.0 94.3 141.5
121 57.4 45.4 68.2



#28
bis(2-Chloroethoxy)methane
Concen: 27.067 ng
RT: 9.987 min Scan# 1190
Delta R.T. -0.029 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion: 93 Resp: 731619
Ion Ratio Lower Upper
93 100
95 32.9 26.6 40.0
123 12.1 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 31.726 ng

RT: 10.234 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049841.D

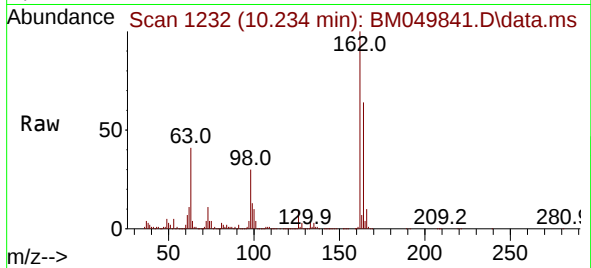
Acq: 07 Apr 2025 16:02

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD



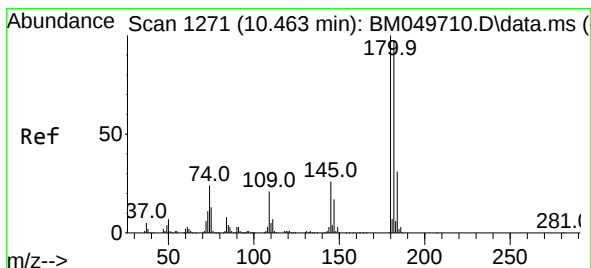
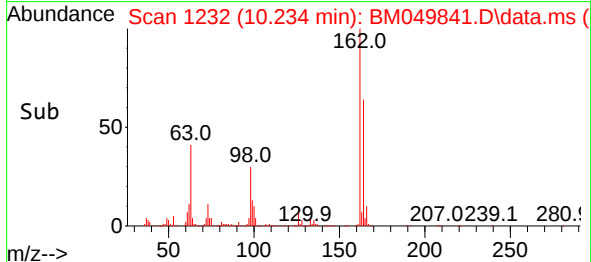
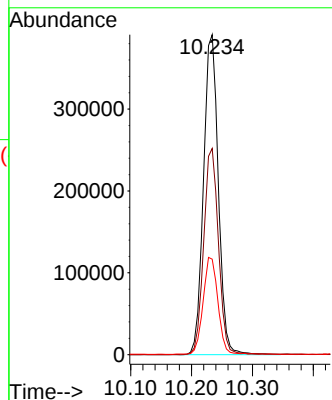
Tgt Ion:162 Resp: 660103

Ion Ratio Lower Upper

162 100

164 64.4 46.3 86.3

98 29.8 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 27.934 ng

RT: 10.446 min Scan# 1268

Delta R.T. -0.018 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

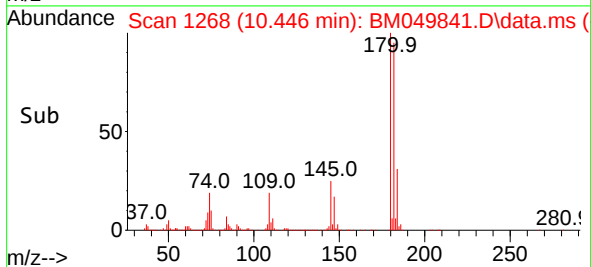
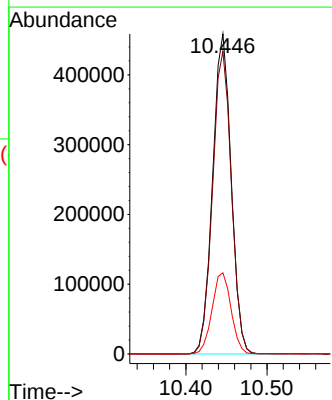
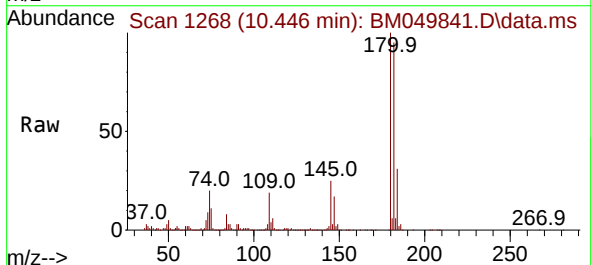
Tgt Ion:180 Resp: 727179

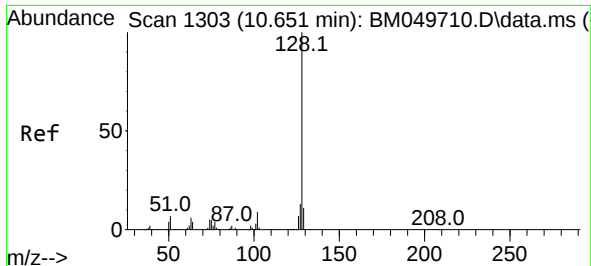
Ion Ratio Lower Upper

180 100

182 94.6 77.7 116.5

145 25.3 21.0 31.4

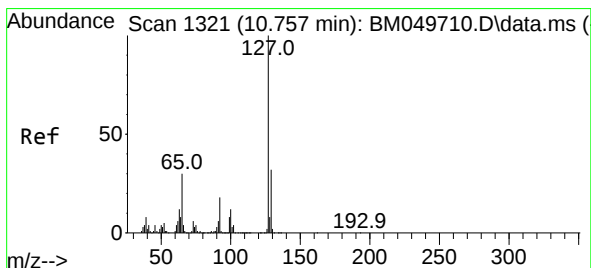
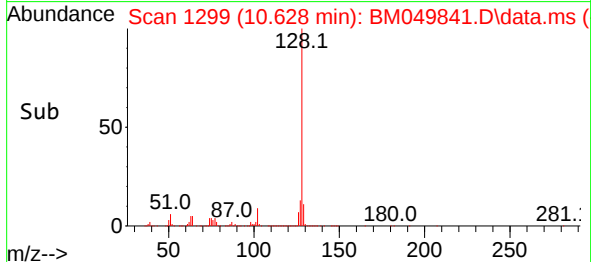
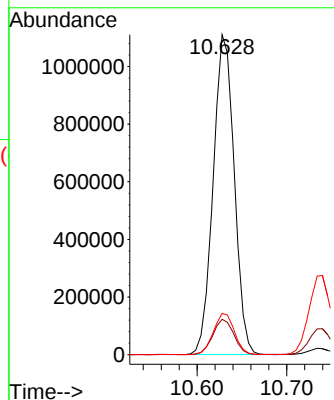
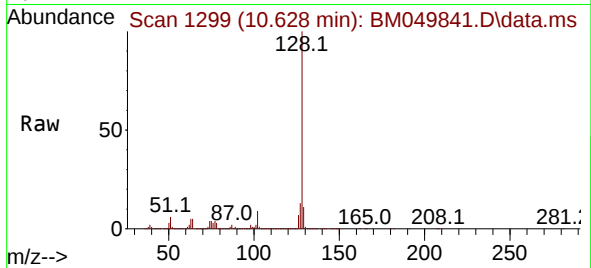




#31
Naphthalene
Concen: 27.427 ng
RT: 10.628 min Scan# 1318
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

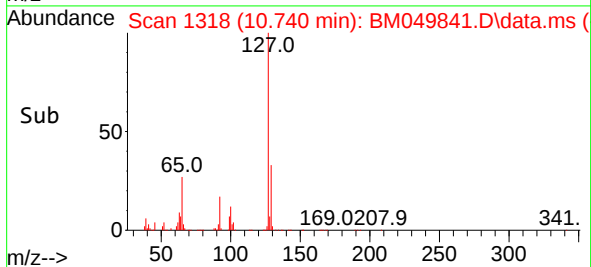
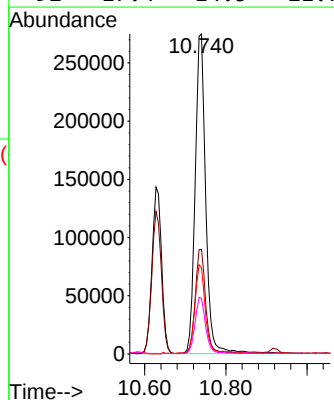
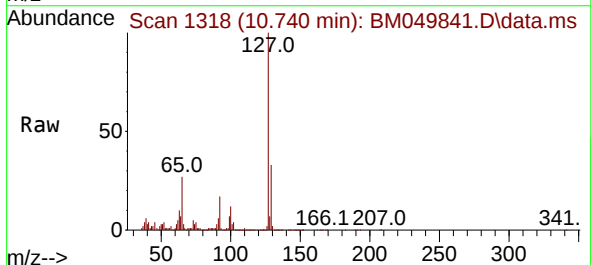
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

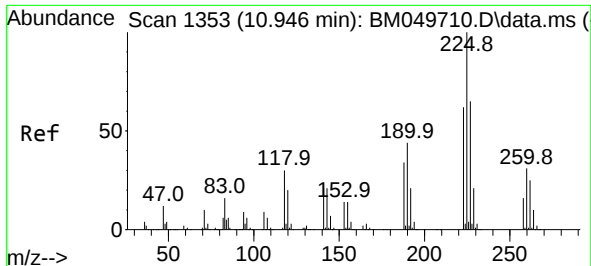
Tgt Ion:128 Resp: 1809880
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.4 15.6



#33
4-Chloroaniline
Concen: 22.185 ng
RT: 10.740 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

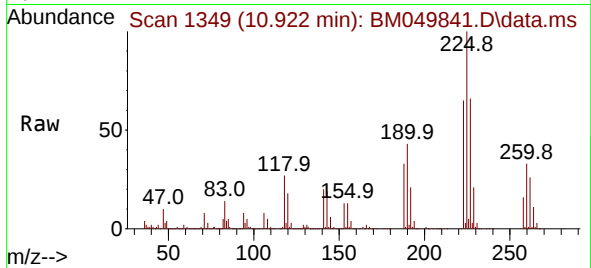
Tgt Ion:127 Resp: 499624
Ion Ratio Lower Upper
127 100
129 32.7 25.7 38.5
65 27.0 24.1 36.1
92 17.4 14.5 21.7



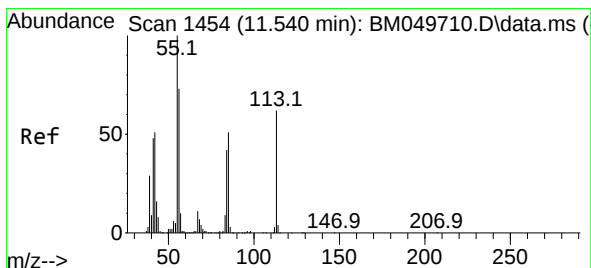
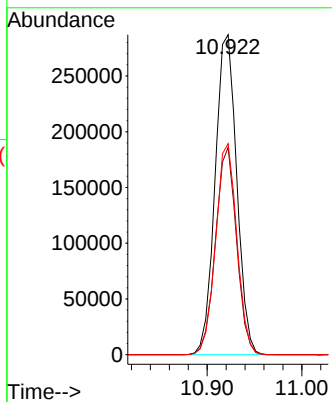
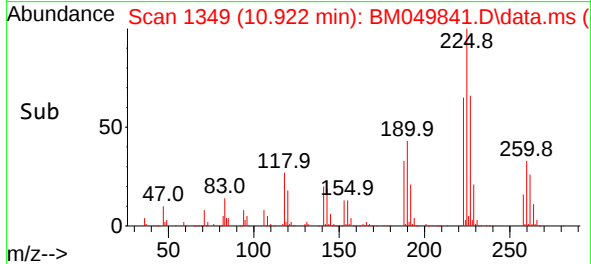


#34
Hexachlorobutadiene
Concen: 28.337 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

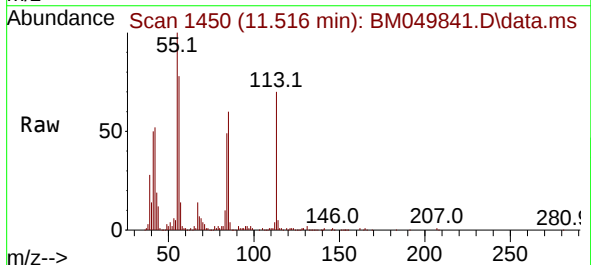
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD



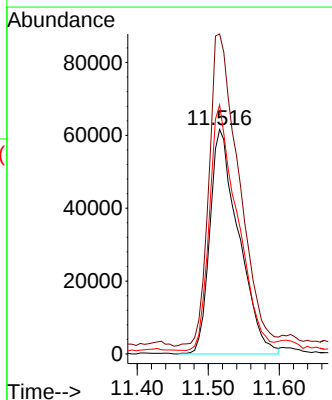
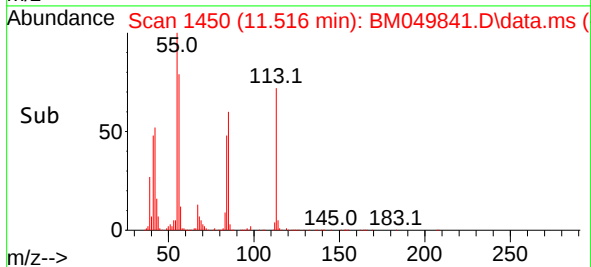
Tgt Ion:225 Resp: 455382
Ion Ratio Lower Upper
225 100
223 64.7 49.8 74.8
227 66.0 52.1 78.1

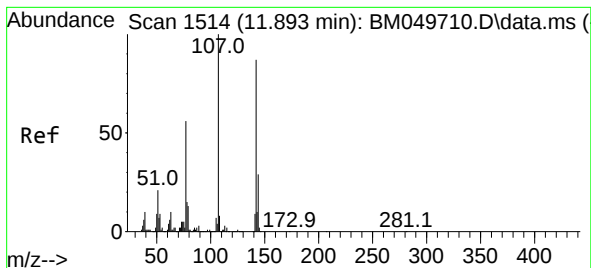


#35
Caprolactam
Concen: 35.920 ng
RT: 11.516 min Scan# 1450
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02



Tgt Ion:113 Resp: 173517
Ion Ratio Lower Upper
113 100
55 142.5 141.8 181.8
56 110.9 98.0 138.0

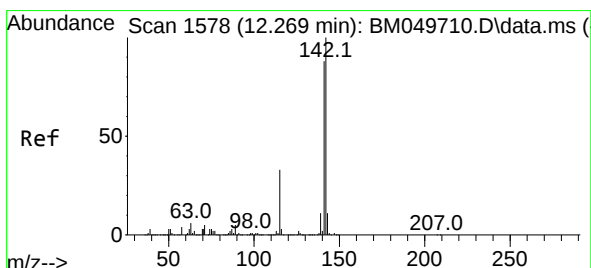
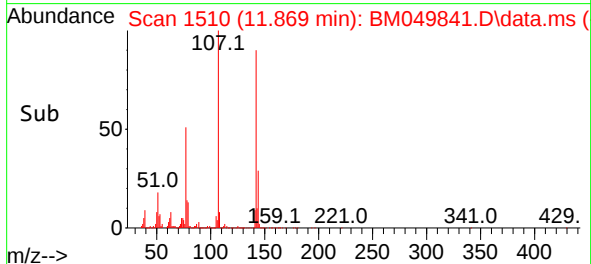
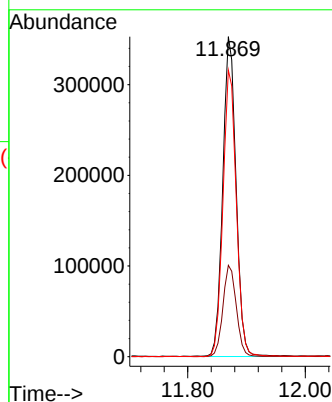
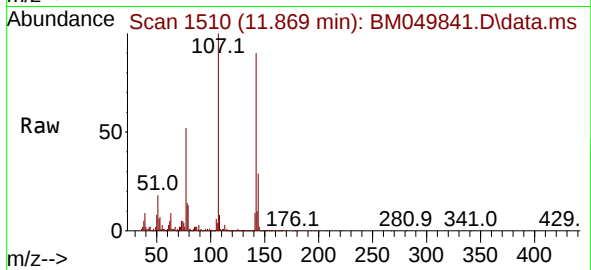




#36
4-Chloro-3-methylphenol
Concen: 31.004 ng
RT: 11.869 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

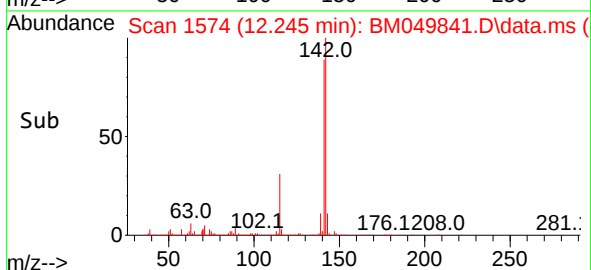
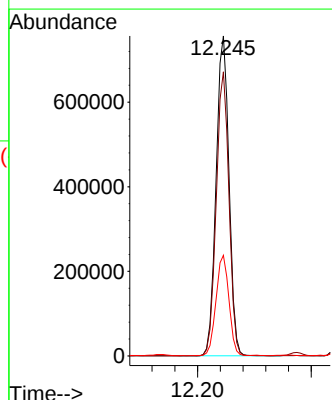
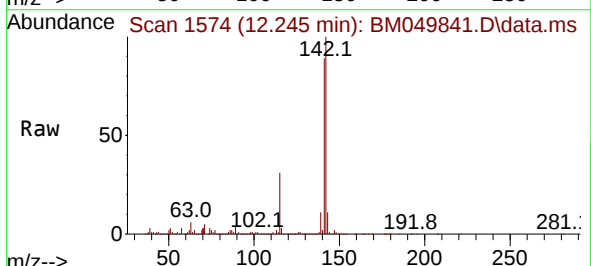
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

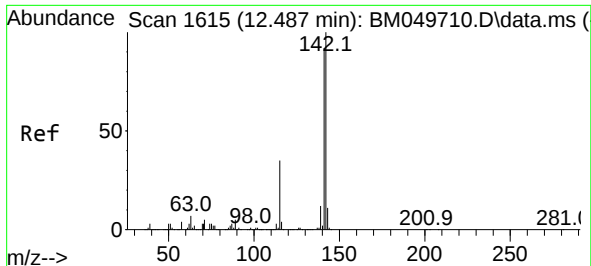
Tgt Ion:107 Resp: 553591
Ion Ratio Lower Upper
107 100
144 28.6 23.0 34.6
142 89.6 69.8 104.8



#37
2-Methylnaphthalene
Concen: 25.730 ng
RT: 12.245 min Scan# 1574
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion:142 Resp: 1187231
Ion Ratio Lower Upper
142 100
141 88.8 70.5 105.7
115 31.4 26.5 39.7

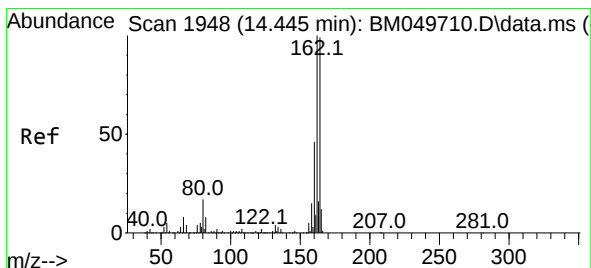
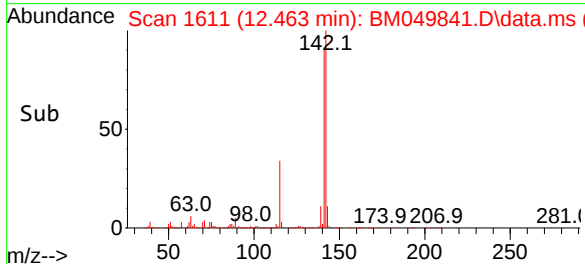
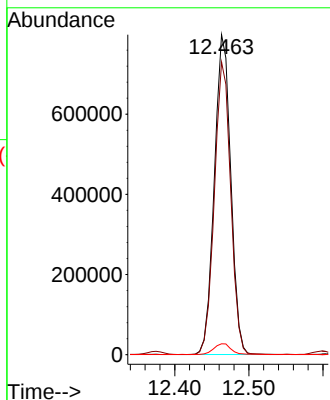
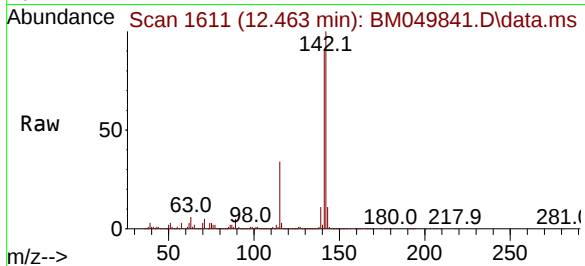




#38
1-Methylnaphthalene
Concen: 27.612 ng
RT: 12.463 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

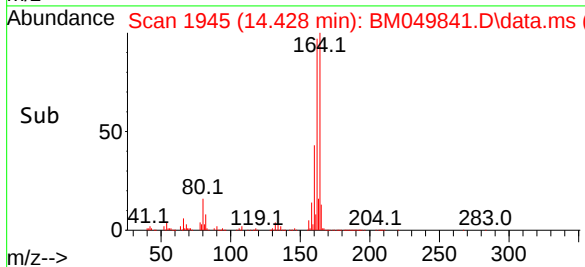
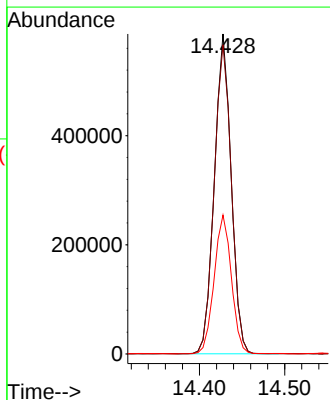
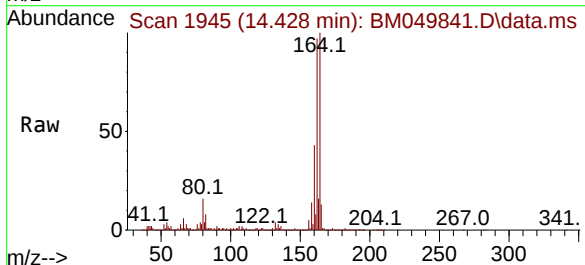
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

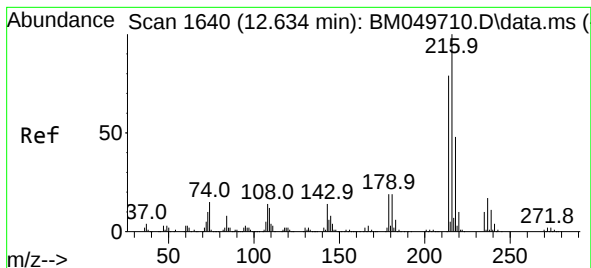
Tgt Ion:142 Resp: 1229265
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2
116 3.4 2.8 4.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.428 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion:164 Resp: 802650
Ion Ratio Lower Upper
164 100
162 96.6 80.5 120.7
160 43.4 36.9 55.3

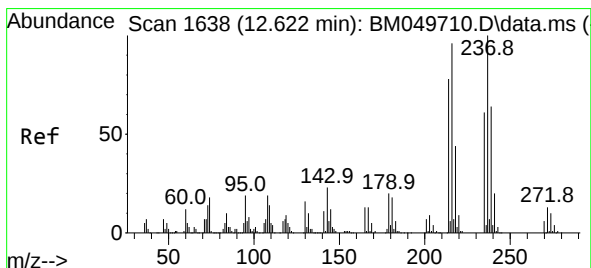
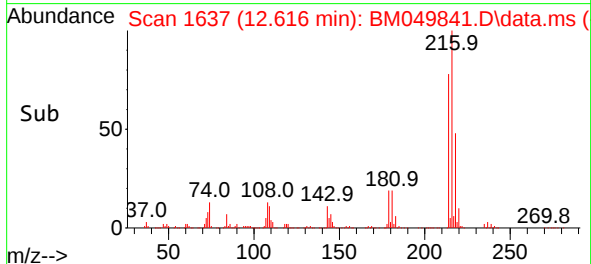
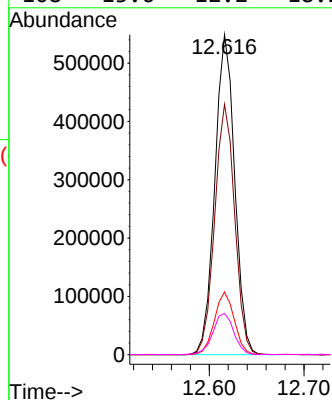
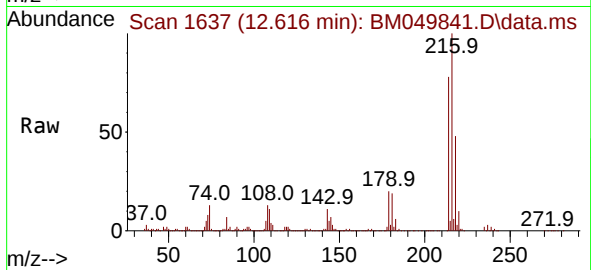




#40
1,2,4,5-Tetrachlorobenzene
Concen: 27.125 ng
RT: 12.616 min Scan# 1637
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

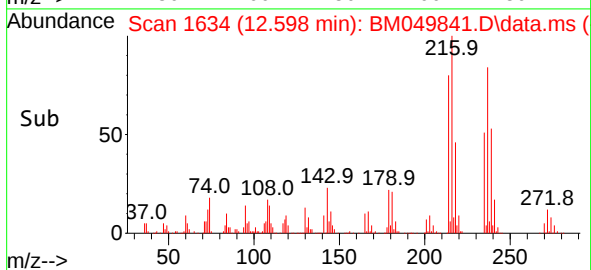
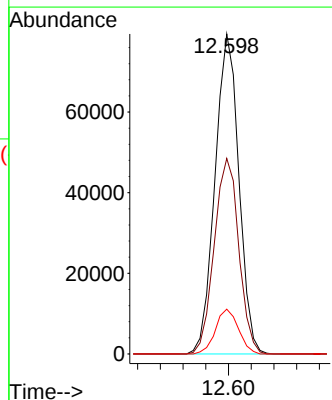
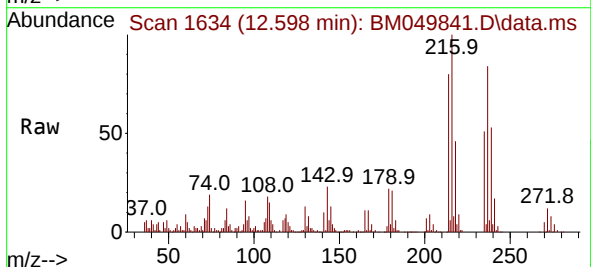
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

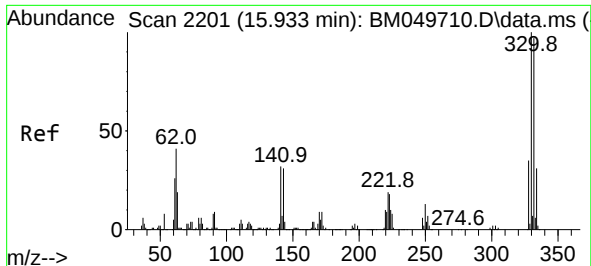
Tgt Ion:216 Resp: 799730
Ion Ratio Lower Upper
216 100
214 78.8 63.5 95.3
179 19.5 15.7 23.5
108 13.6 12.2 18.2



#41
Hexachlorocyclopentadiene
Concen: 10.602 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion:237 Resp: 115800
Ion Ratio Lower Upper
237 100
235 61.1 41.1 81.1
272 14.0 0.0 32.5

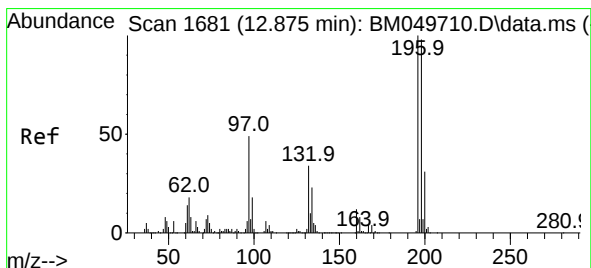
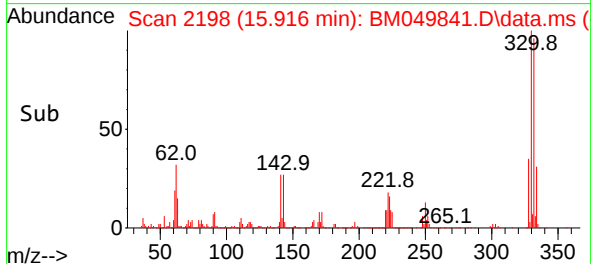
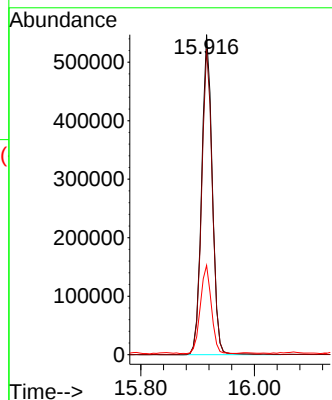
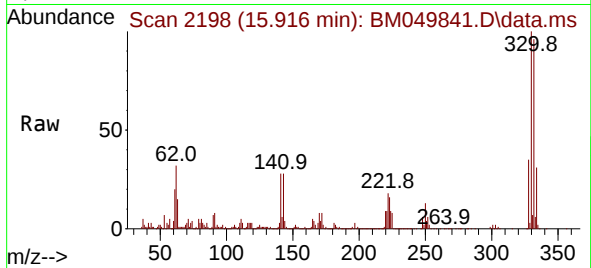




#42
2,4,6-Tribromophenol
Concen: 75.857 ng
RT: 15.916 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

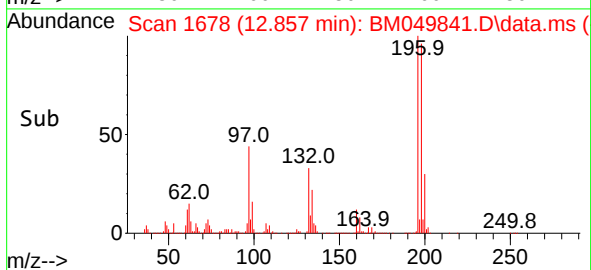
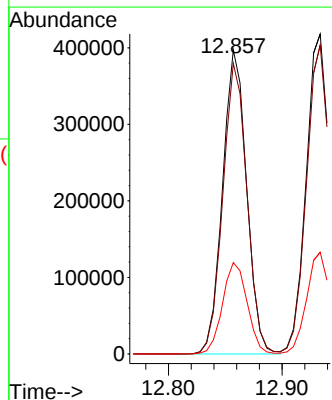
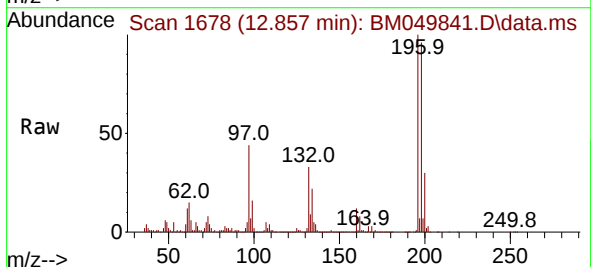
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

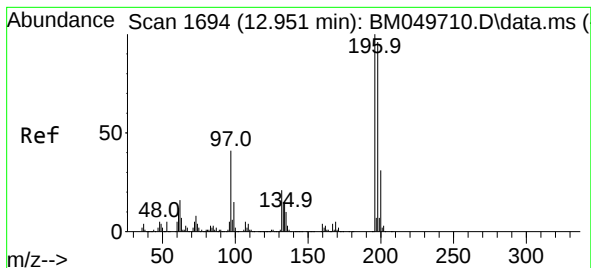
Tgt Ion:330 Resp: 710977
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 28.5 27.8 41.6



#43
2,4,6-Trichlorophenol
Concen: 35.384 ng
RT: 12.857 min Scan# 1678
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion:196 Resp: 584269
Ion Ratio Lower Upper
196 100
198 95.6 78.3 117.5
200 30.0 25.1 37.7





#44

2,4,5-Trichlorophenol

Concen: 34.711 ng

RT: 12.934 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049841.D

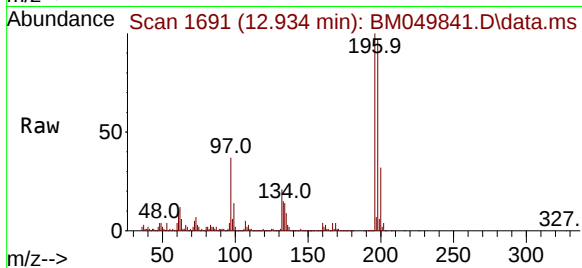
Acq: 07 Apr 2025 16:02

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD



Tgt Ion:196 Resp: 625465

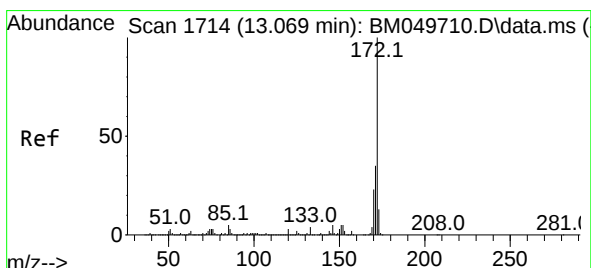
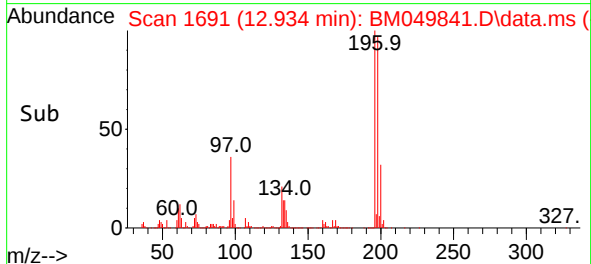
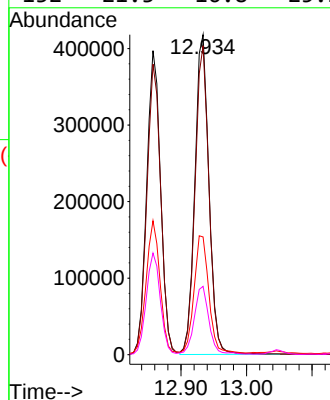
Ion Ratio Lower Upper

196 100

198 96.6 76.7 115.1

97 36.8 32.9 49.3

132 21.3 16.8 25.2



#45

2-Fluorobiphenyl

Concen: 33.630 ng

RT: 13.045 min Scan# 1710

Delta R.T. -0.024 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

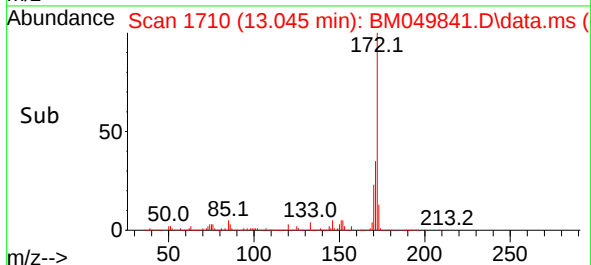
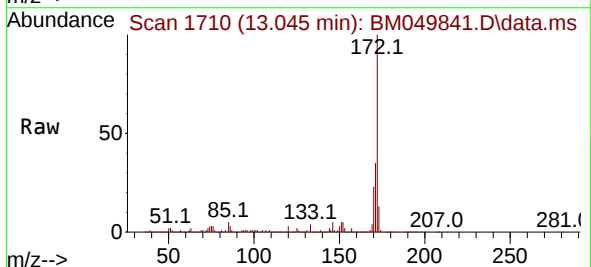
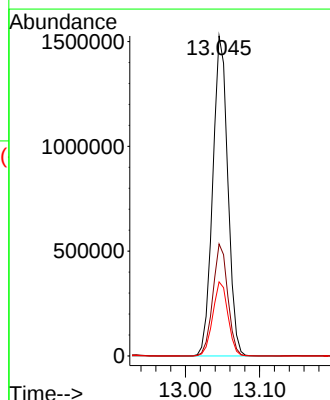
Tgt Ion:172 Resp: 2155380

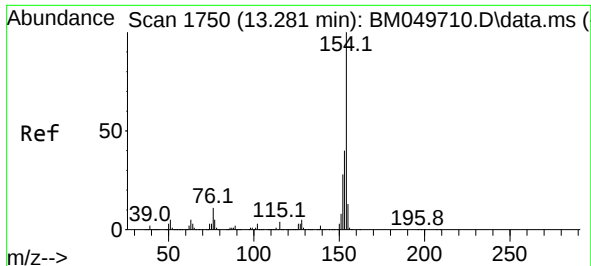
Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.2 18.6 28.0

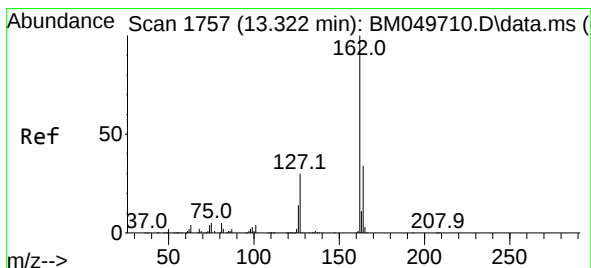
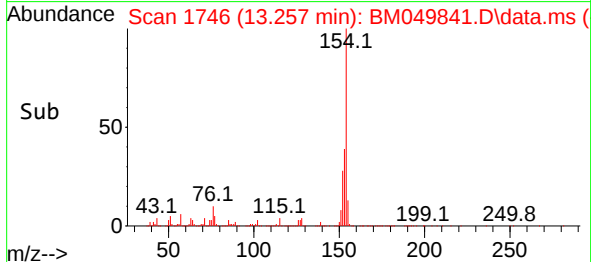
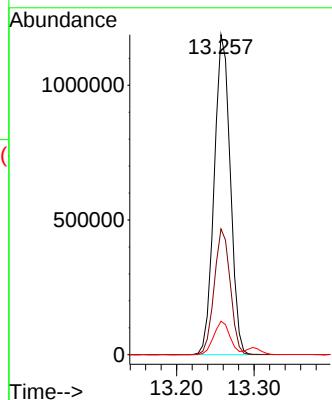
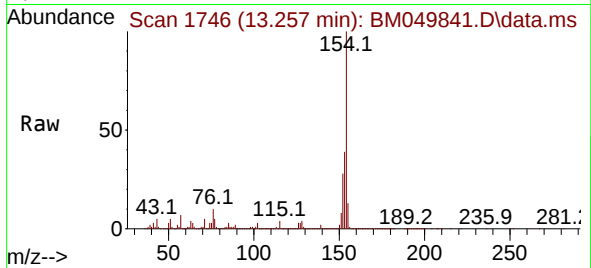




#46
1,1'-Biphenyl
Concen: 27.693 ng
RT: 13.257 min Scan# 1750
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

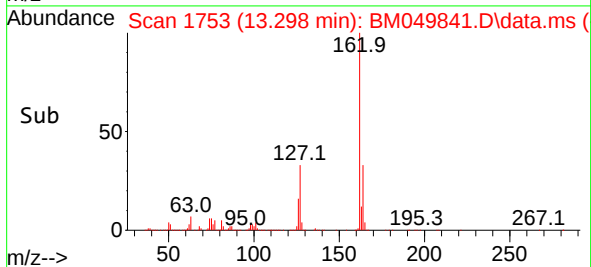
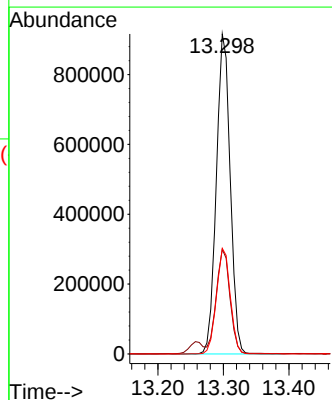
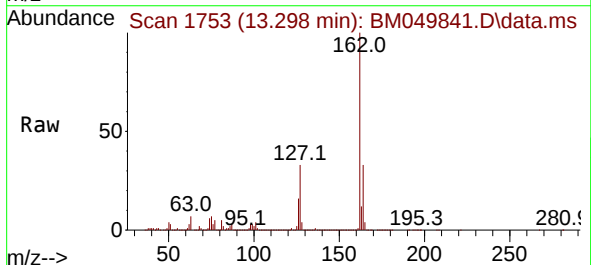
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

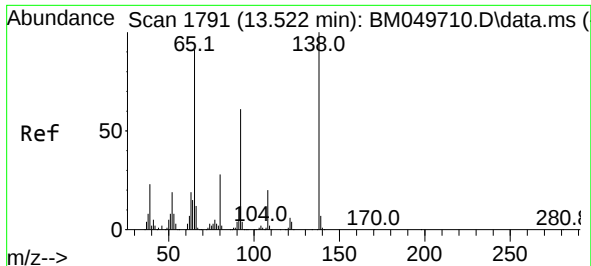
Tgt Ion:154 Resp: 1713141
Ion Ratio Lower Upper
154 100
153 39.3 19.7 59.7
76 10.5 0.0 31.2



#47
2-Chloronaphthalene
Concen: 27.922 ng
RT: 13.298 min Scan# 1753
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion:162 Resp: 1344485
Ion Ratio Lower Upper
162 100
127 32.7 25.8 38.6
164 33.0 27.1 40.7

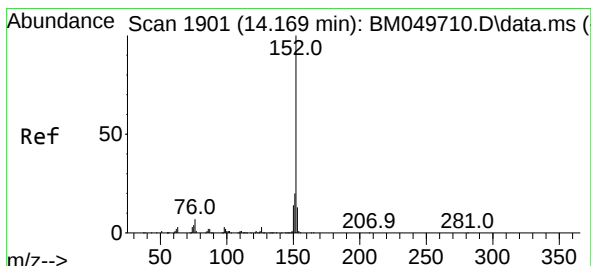
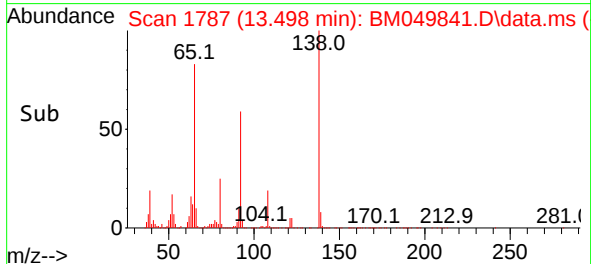
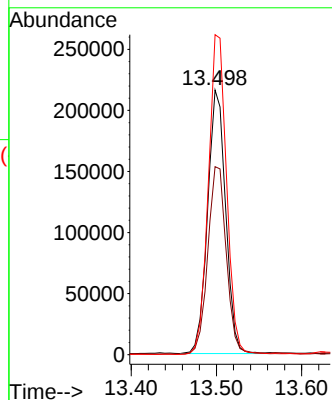
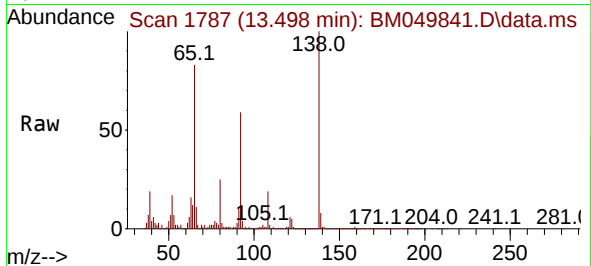




#48
2-Nitroaniline
Concen: 29.332 ng
RT: 13.498 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

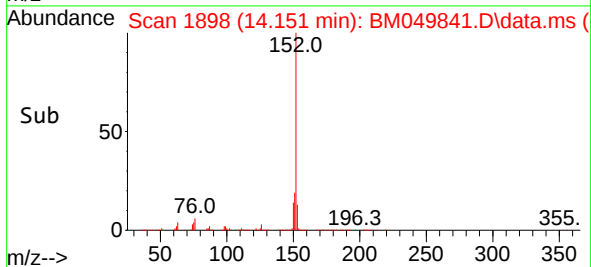
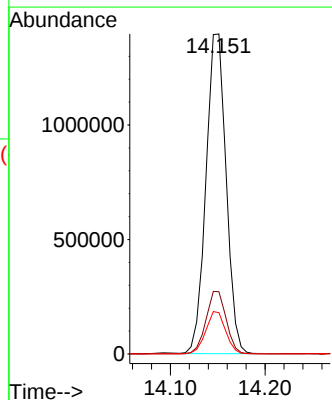
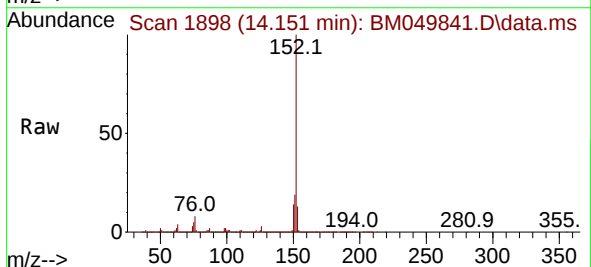
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

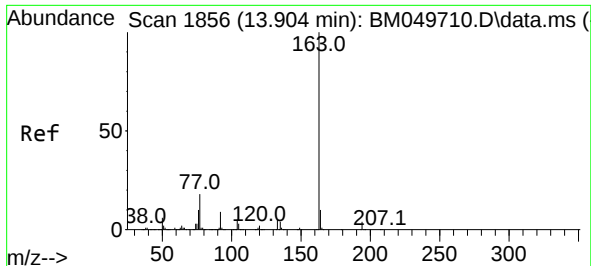
Tgt Ion: 65 Resp: 317057
Ion Ratio Lower Upper
65 100
92 71.1 53.4 80.2
138 120.9 87.6 131.4



#49
Acenaphthylene
Concen: 30.692 ng
RT: 14.151 min Scan# 1898
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion:152 Resp: 2065672
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8
153 12.9 10.2 15.4

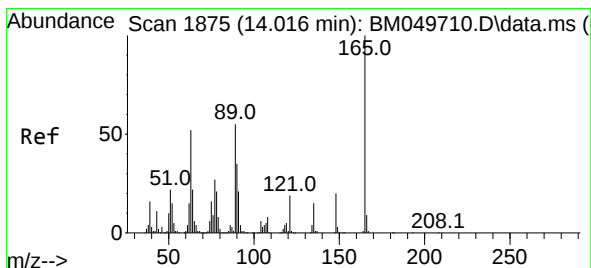
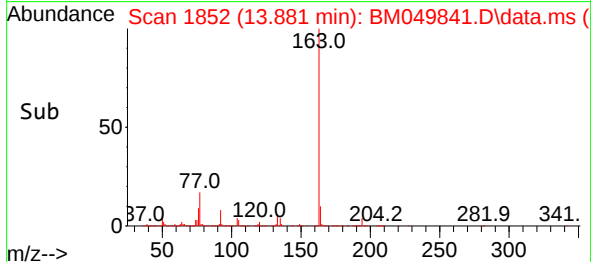
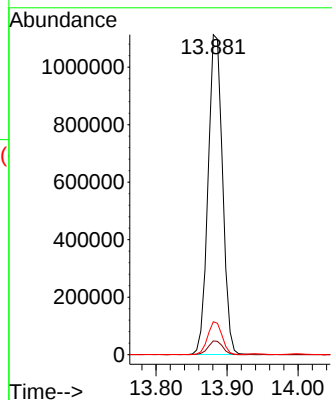
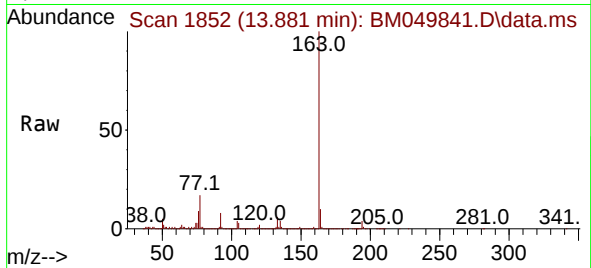




#50
Dimethylphthalate
Concen: 28.489 ng
RT: 13.881 min Scan# 1852
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

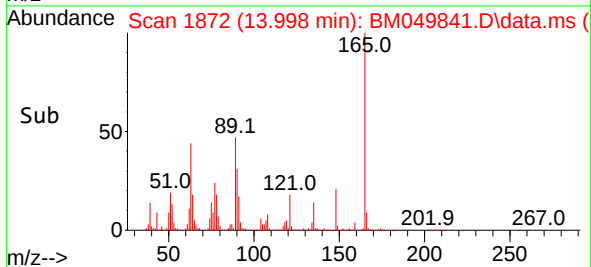
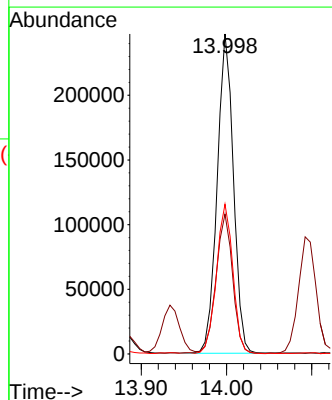
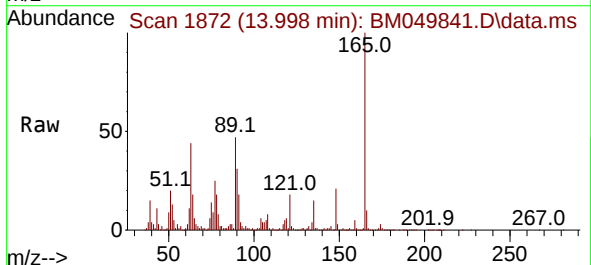
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

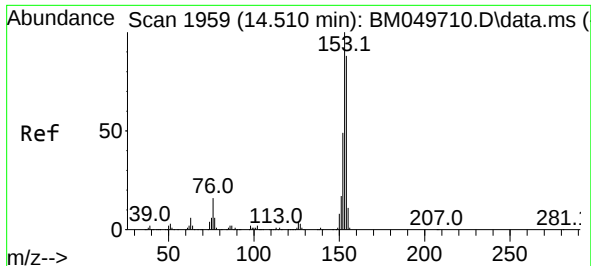
Tgt Ion:163 Resp: 1574344
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.3 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 29.543 ng
RT: 13.998 min Scan# 1872
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion:165 Resp: 327121
Ion Ratio Lower Upper
165 100
63 43.7 42.3 63.5
89 46.8 43.9 65.9

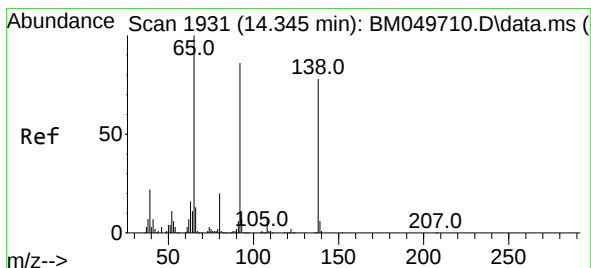
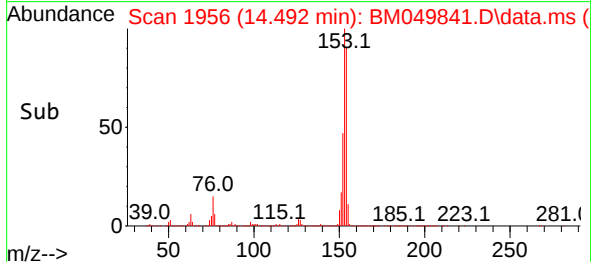
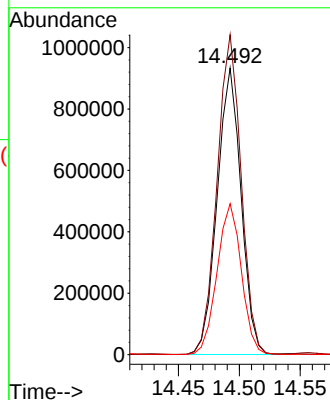
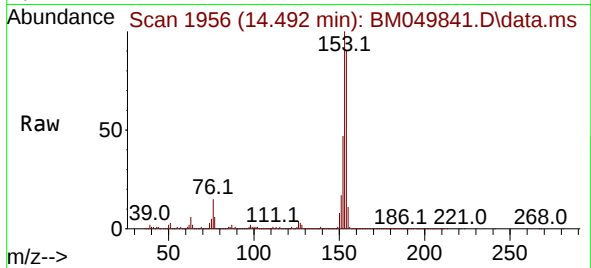




#52
Acenaphthene
Concen: 28.874 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

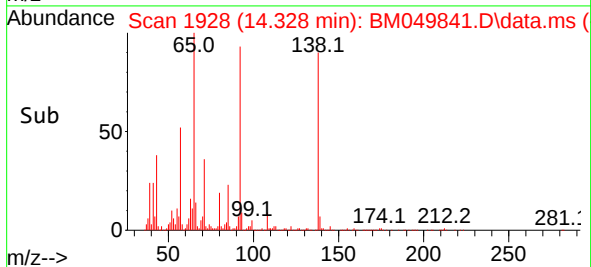
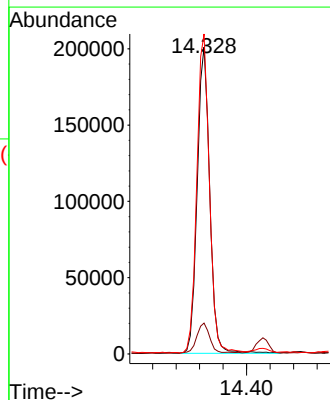
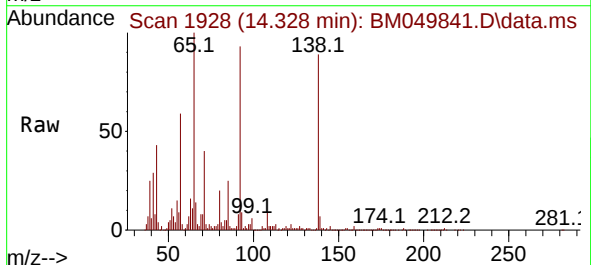
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

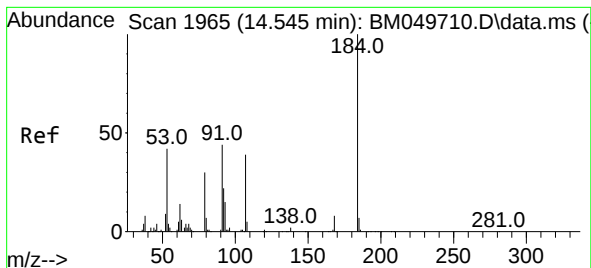
Tgt Ion:154 Resp: 1274700
Ion Ratio Lower Upper
154 100
153 111.6 90.4 135.6
152 52.7 44.2 66.2



#53
3-Nitroaniline
Concen: 28.098 ng
RT: 14.328 min Scan# 1928
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion:138 Resp: 296063
Ion Ratio Lower Upper
138 100
108 10.1 7.5 11.3
92 104.3 88.0 132.0

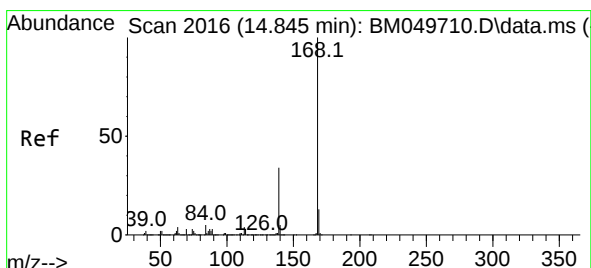
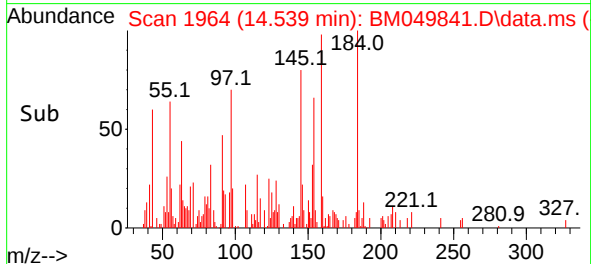
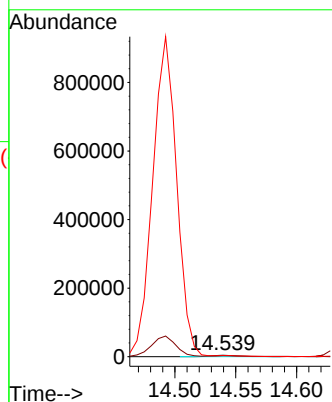
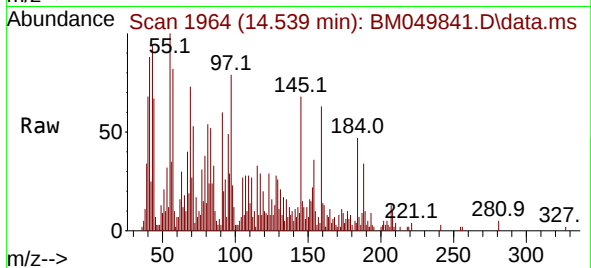




#54
2,4-Dinitrophenol
Concen: 4.524 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

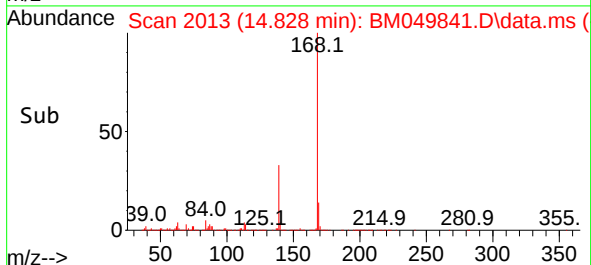
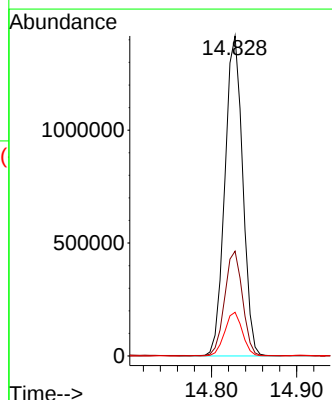
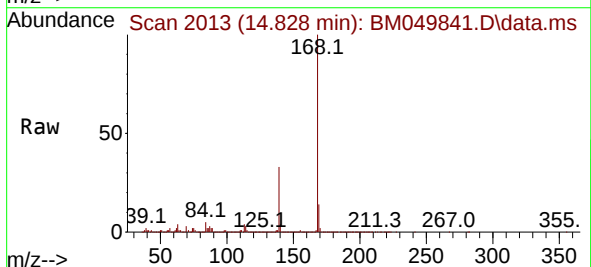
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

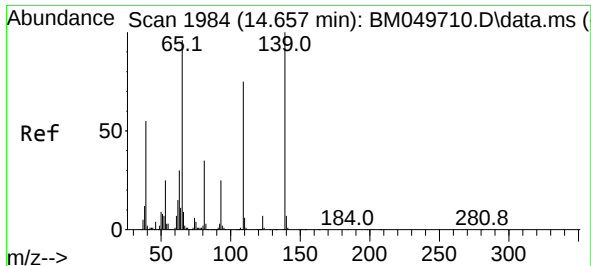
Tgt Ion:184 Resp: 6233
Ion Ratio Lower Upper
184 100
63 64.1 47.2 70.8
154 76.9 49.9 74.9#



#55
Dibenzofuran
Concen: 28.026 ng
RT: 14.828 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion:168 Resp: 2061694
Ion Ratio Lower Upper
168 100
139 32.8 27.4 41.0
169 13.7 10.7 16.1

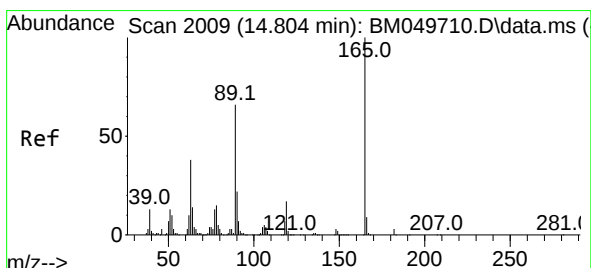
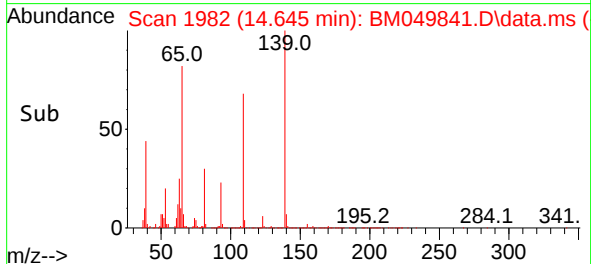
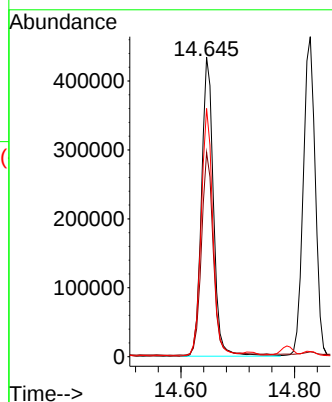
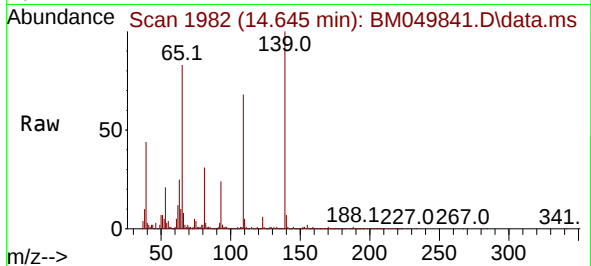




#56
4-Nitrophenol
Concen: 69.383 ng
RT: 14.645 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

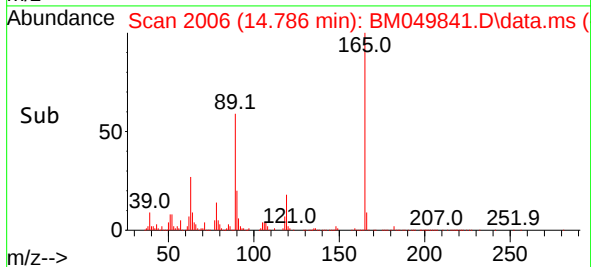
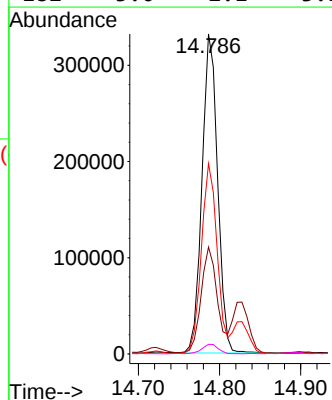
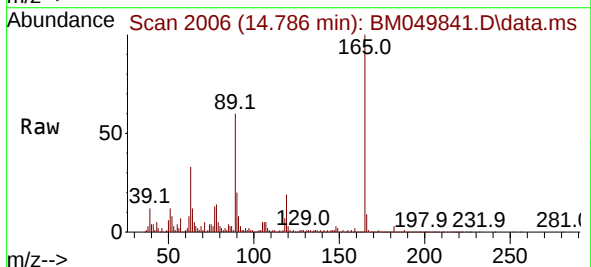
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

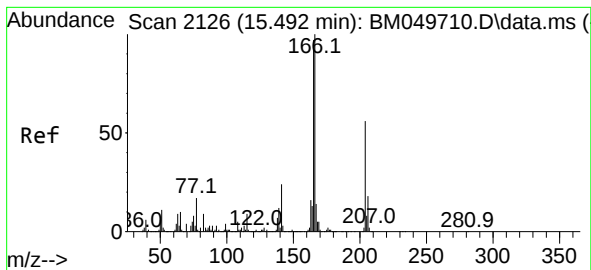
Tgt Ion:139 Resp: 636380
Ion Ratio Lower Upper
139 100
109 68.2 54.7 94.7
65 82.9 76.2 116.2



#57
2,4-Dinitrotoluene
Concen: 31.066 ng
RT: 14.786 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion:165 Resp: 442642
Ion Ratio Lower Upper
165 100
63 33.4 30.8 46.2
89 59.5 53.1 79.7
182 3.0 2.1 3.1





#58

Fluorene

Concen: 29.134 ng

RT: 15.475 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

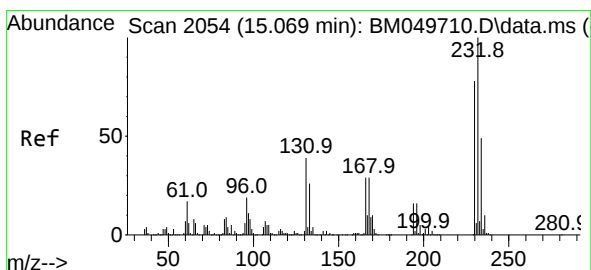
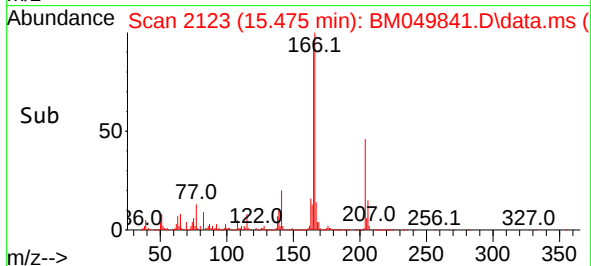
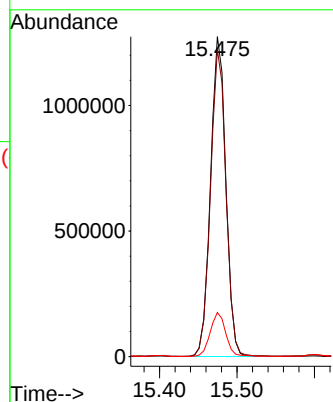
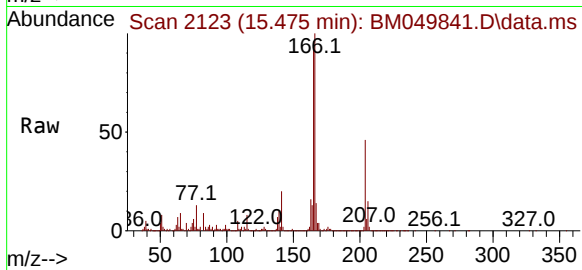
Tgt Ion:166 Resp: 1744955

Ion Ratio Lower Upper

166 100

165 96.0 77.5 116.3

167 13.8 10.9 16.3



#59

2,3,4,6-Tetrachlorophenol

Concen: 36.652 ng

RT: 14.975 min Scan# 2038

Delta R.T. -0.094 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

Tgt Ion:232 Resp: 552837

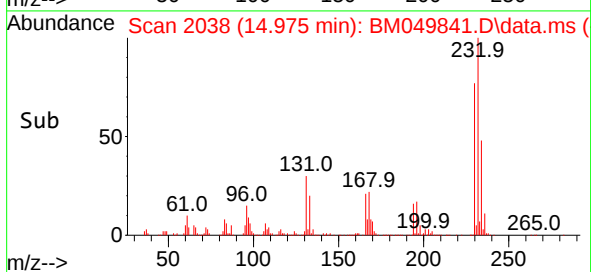
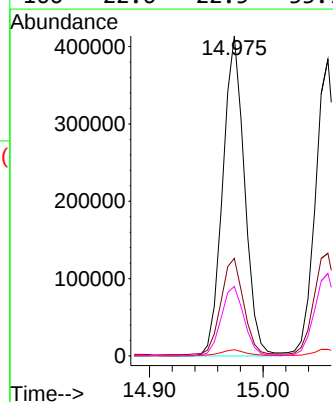
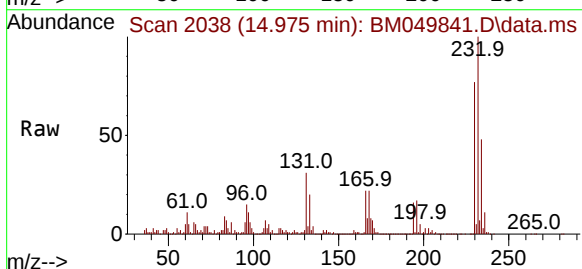
Ion Ratio Lower Upper

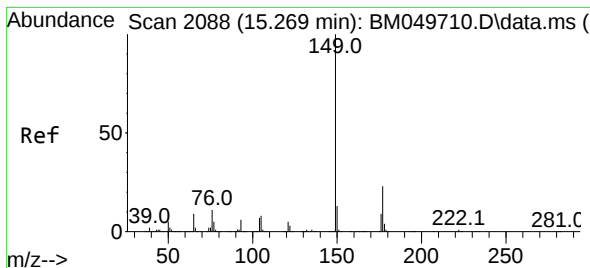
232 100

131 31.6 30.0 45.0

130 2.1 1.6 2.4

166 22.6 22.5 33.7





#60

Diethylphthalate

Concen: 28.587 ng

RT: 15.251 min Scan# 2088

Delta R.T. -0.018 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

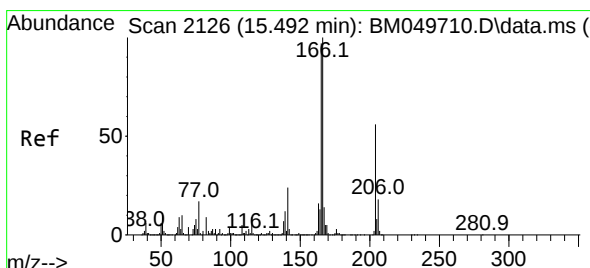
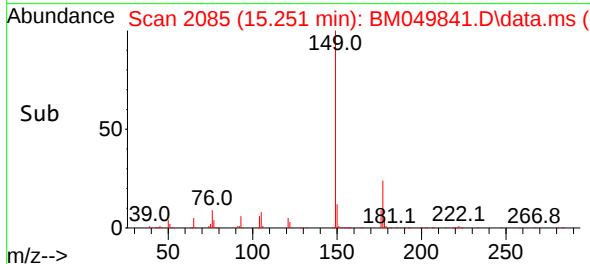
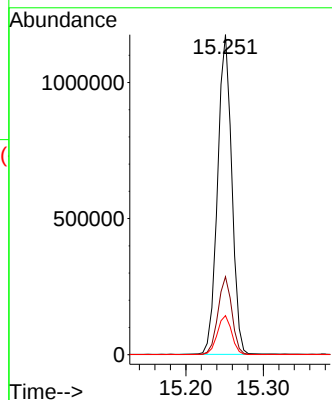
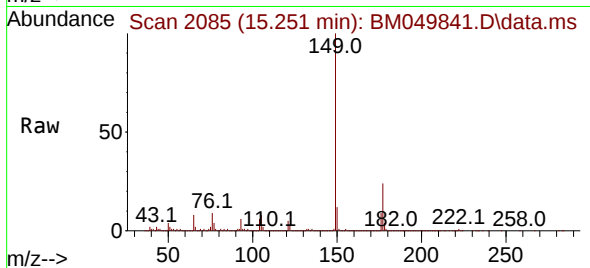
Tgt Ion:149 Resp: 1487883

Ion Ratio Lower Upper

149 100

177 24.4 18.2 27.2

150 12.2 10.0 15.0



#61

4-Chlorophenyl-phenylether

Concen: 26.224 ng

RT: 15.469 min Scan# 2122

Delta R.T. -0.024 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

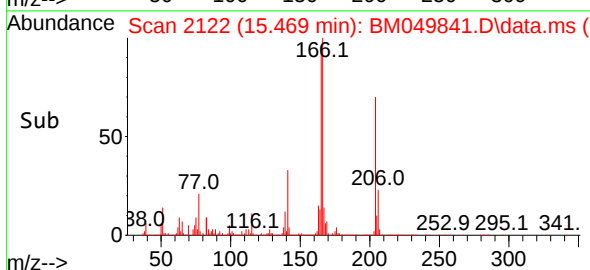
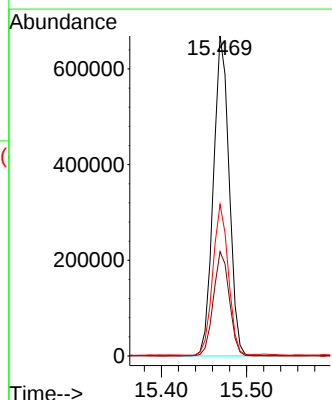
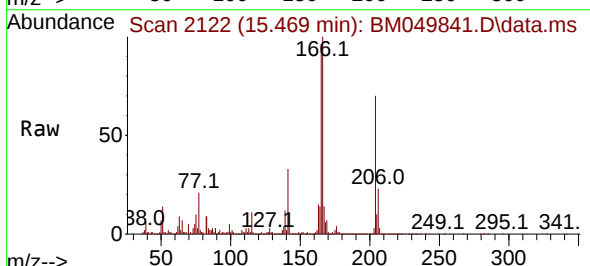
Tgt Ion:204 Resp: 857672

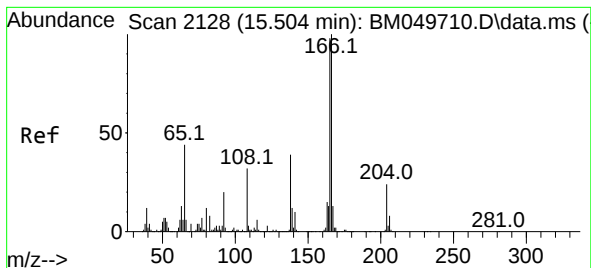
Ion Ratio Lower Upper

204 100

206 32.6 25.2 37.8

141 47.4 34.5 51.7

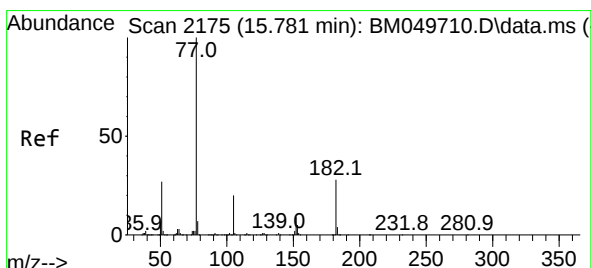
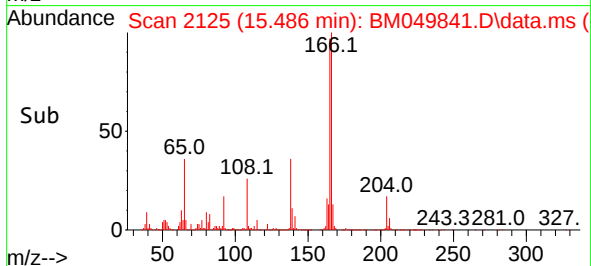
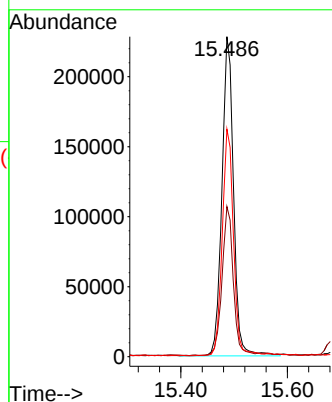
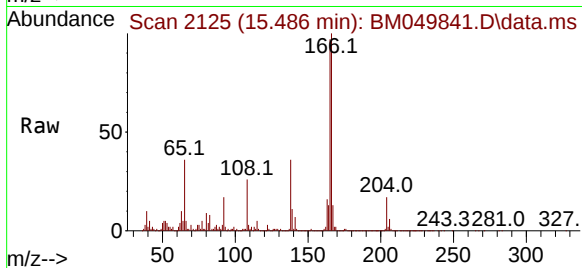




#62
4-Nitroaniline
Concen: 29.041 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

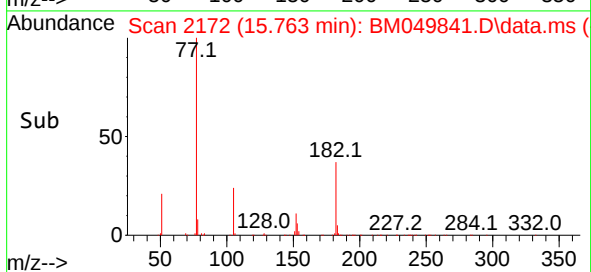
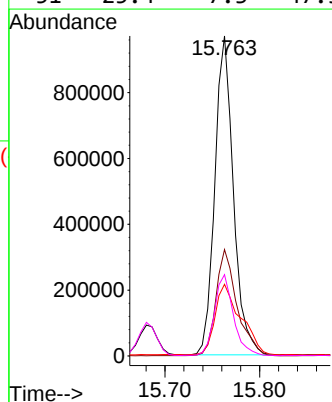
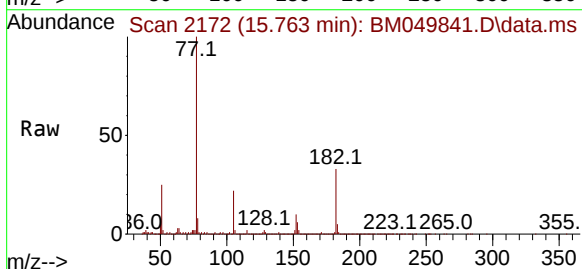
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

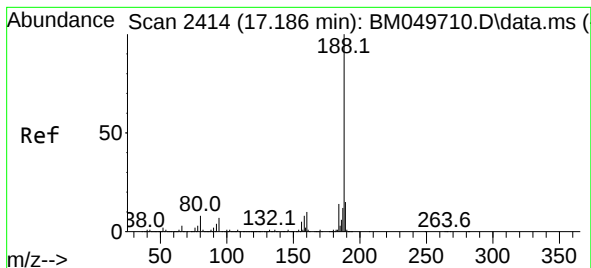
Tgt Ion:138 Resp: 343901
Ion Ratio Lower Upper
138 100
92 46.9 29.8 69.8
108 71.1 61.3 101.3



#63
Azobenzene
Concen: 26.656 ng
RT: 15.763 min Scan# 2172
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion: 77 Resp: 1325193
Ion Ratio Lower Upper
77 100
182 33.2 8.0 48.0
105 22.4 0.0 40.0
51 25.4 7.3 47.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.169 min Scan# 2414

Delta R.T. -0.017 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

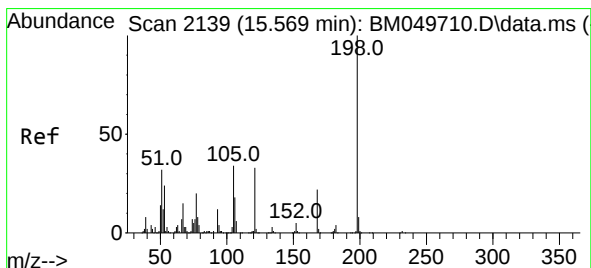
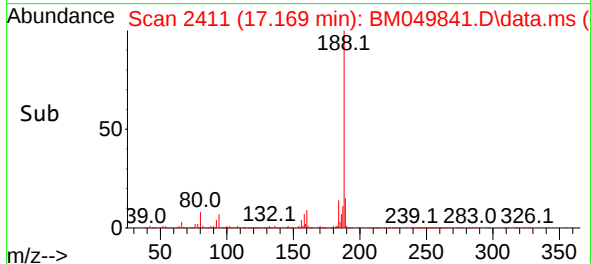
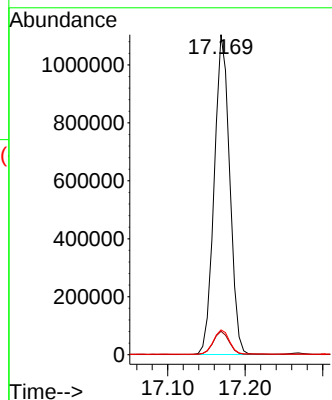
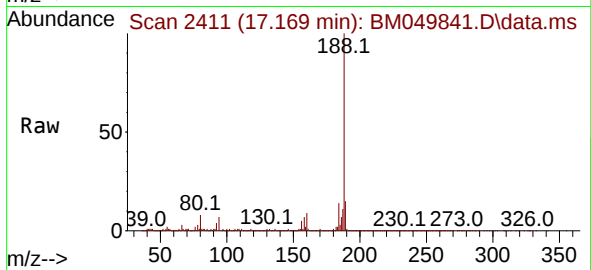
Tgt Ion:188 Resp: 1533775

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

80 7.7 6.3 9.5



#65

4,6-Dinitro-2-methylphenol

Concen: 5.936 ng

RT: 15.557 min Scan# 2137

Delta R.T. -0.012 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

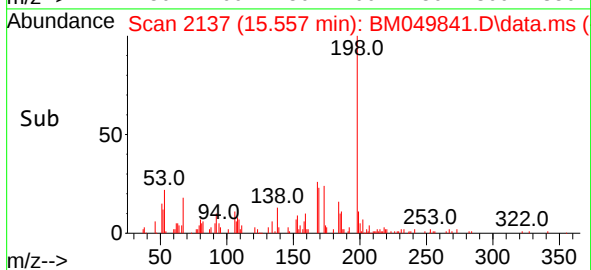
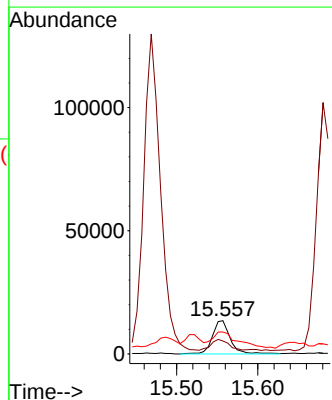
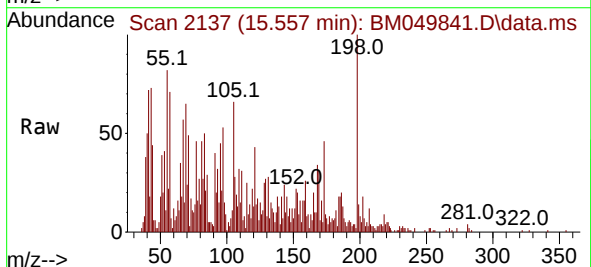
Tgt Ion:198 Resp: 20773

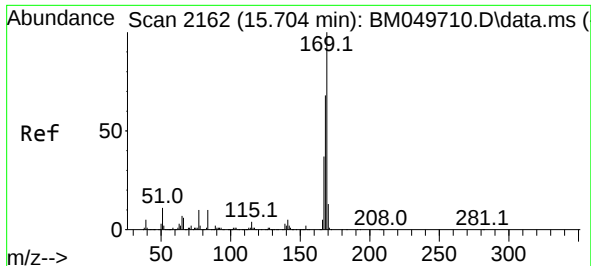
Ion Ratio Lower Upper

198 100

51 38.7 13.8 53.8

105 65.5 14.0 54.0#

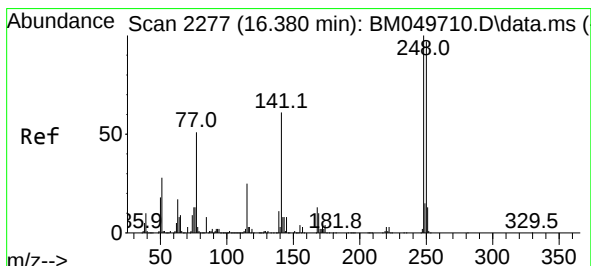
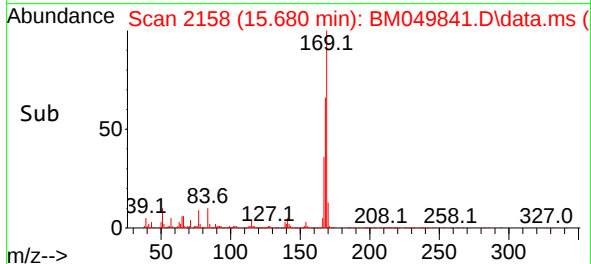
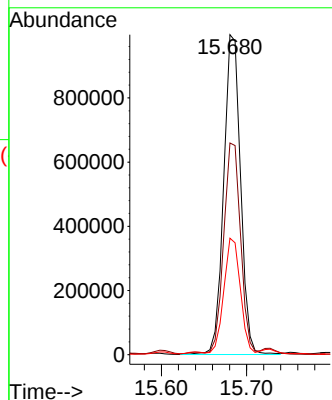
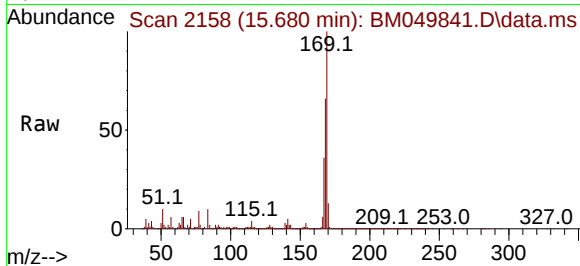




#66
n-Nitrosodiphenylamine
Concen: 29.482 ng
RT: 15.680 min Scan# 2162
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

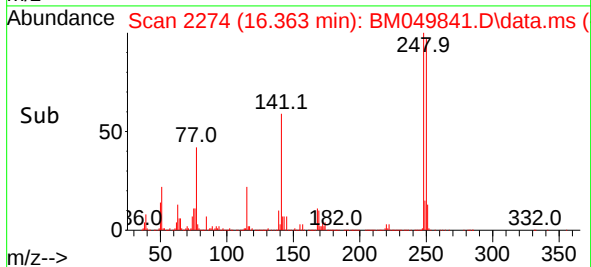
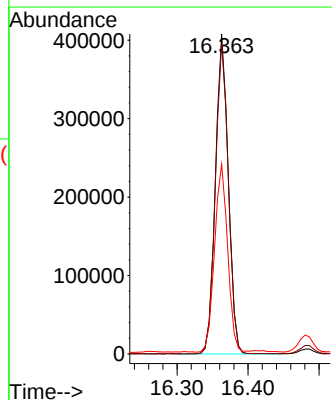
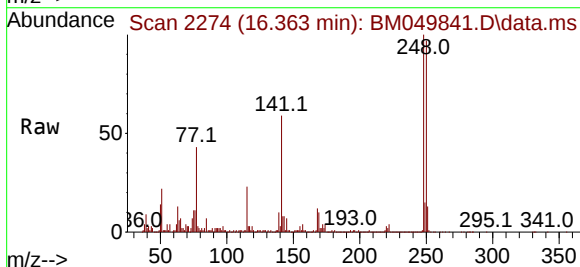
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

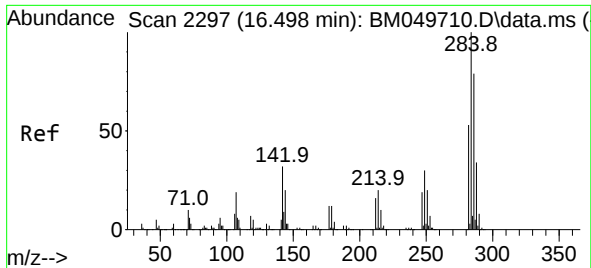
Tgt Ion:169 Resp: 1370027
Ion Ratio Lower Upper
169 100
168 66.2 54.8 82.2
167 36.4 29.9 44.9



#67
4-Bromophenyl-phenylether
Concen: 28.961 ng
RT: 16.363 min Scan# 2274
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion:248 Resp: 512850
Ion Ratio Lower Upper
248 100
250 97.2 77.9 116.9
141 59.3 48.6 73.0

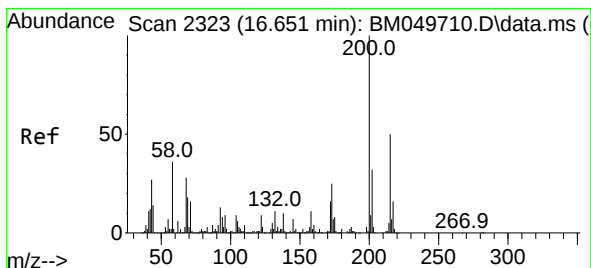
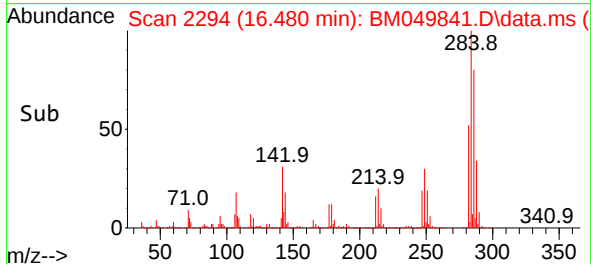
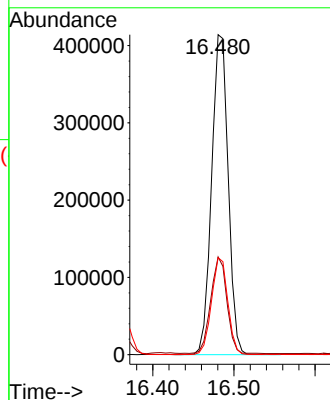
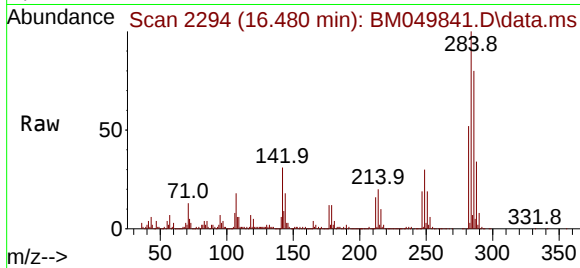




#68
Hexachlorobenzene
Concen: 29.437 ng
RT: 16.480 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

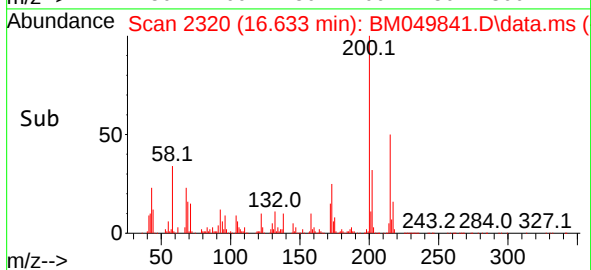
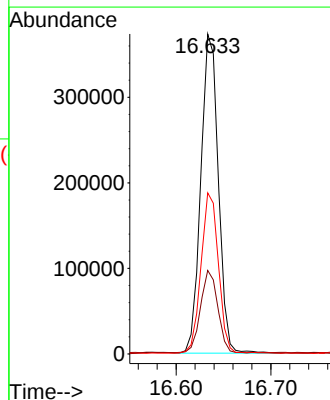
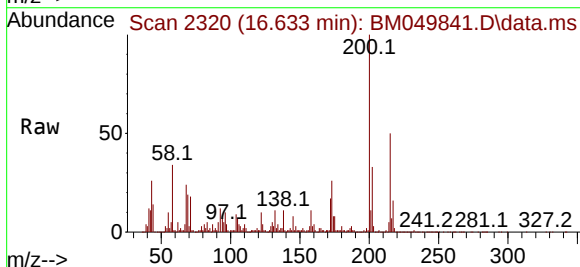
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

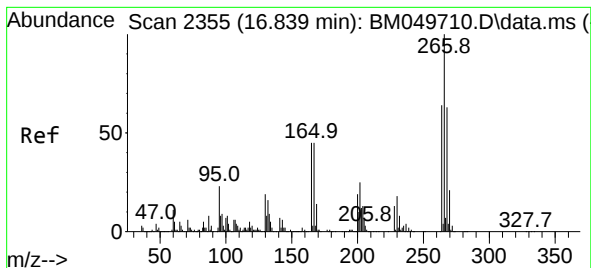
Tgt Ion:284 Resp: 586199
Ion Ratio Lower Upper
284 100
142 30.6 25.5 38.3
249 30.3 24.2 36.2



#69
Atrazine
Concen: 46.692 ng
RT: 16.633 min Scan# 2320
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion:200 Resp: 478186
Ion Ratio Lower Upper
200 100
173 26.1 5.4 45.4
215 50.3 29.8 69.8





#70

Pentachlorophenol

Concen: 68.913 ng

RT: 16.827 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

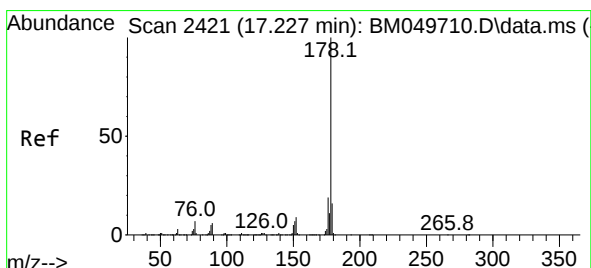
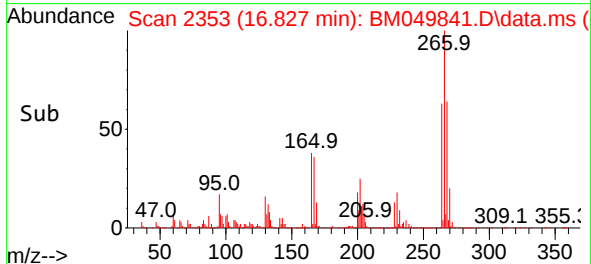
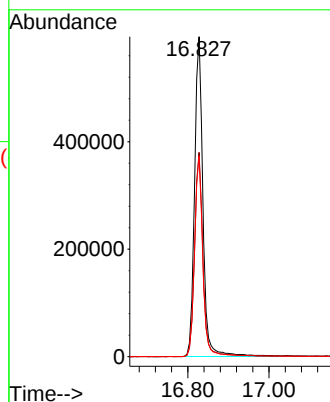
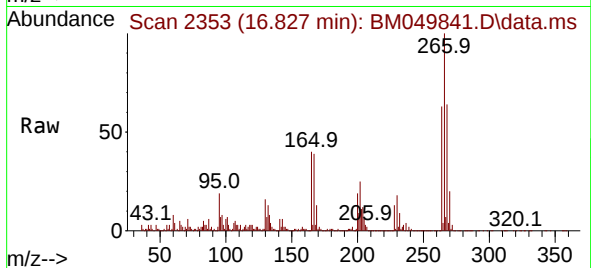
Tgt Ion:266 Resp: 862396

Ion Ratio Lower Upper

266 100

268 63.8 50.2 75.2

264 62.8 51.3 76.9



#71

Phenanthrene

Concen: 38.510 ng

RT: 17.216 min Scan# 2419

Delta R.T. -0.012 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

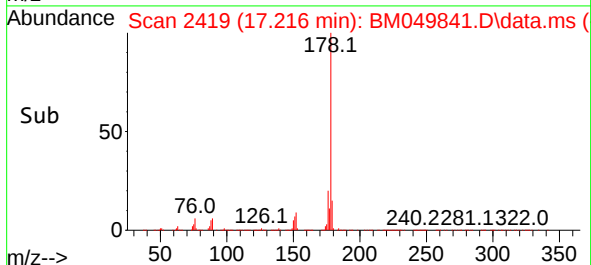
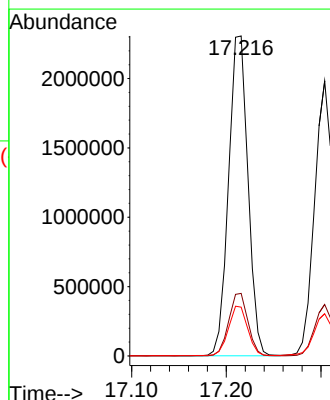
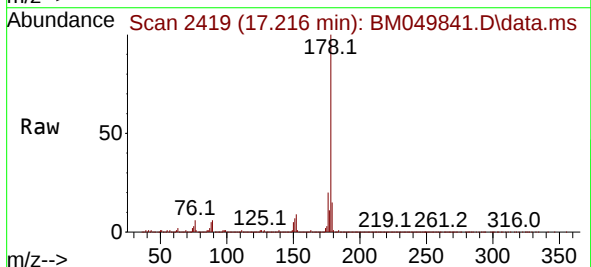
Tgt Ion:178 Resp: 3279776

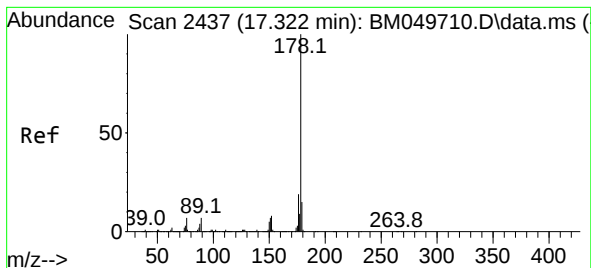
Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.3 12.5 18.7

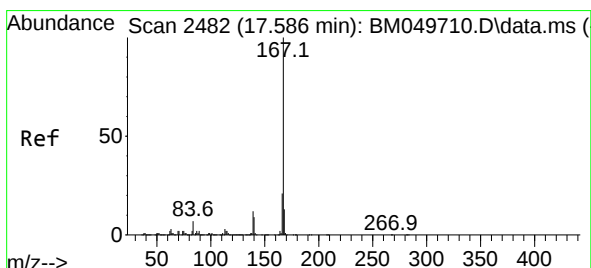
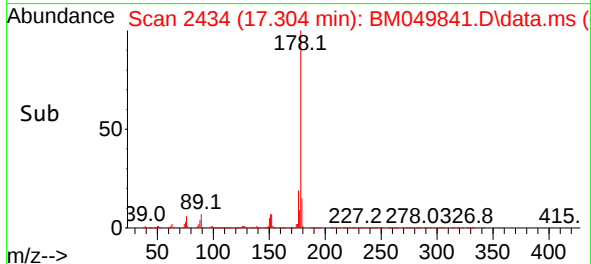
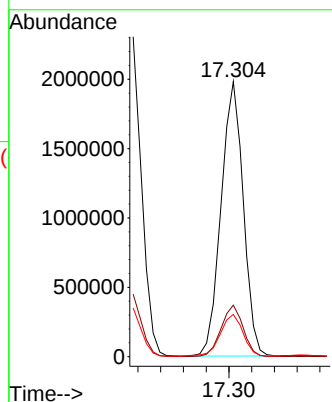
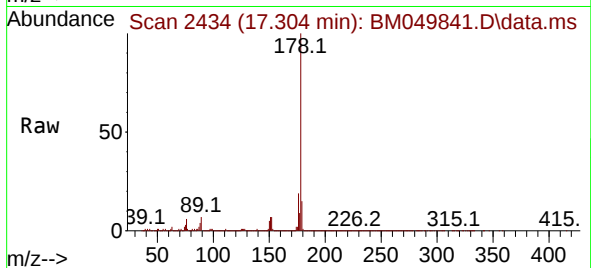




#72
Anthracene
Concen: 32.581 ng
RT: 17.304 min Scan# 2437
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

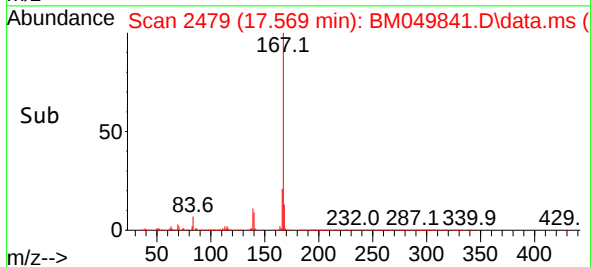
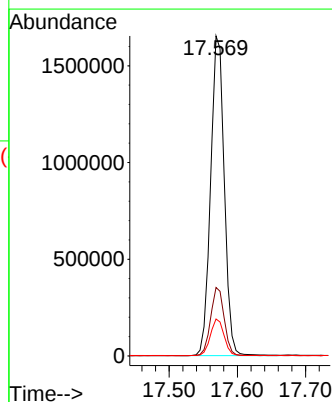
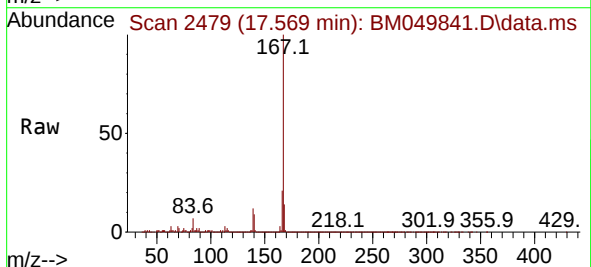
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

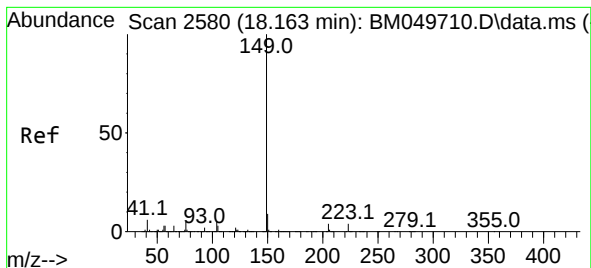
Tgt Ion:178 Resp: 2687250
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.4 12.4 18.6



#73
Carbazole
Concen: 30.912 ng
RT: 17.569 min Scan# 2479
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion:167 Resp: 2309010
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.6
139 11.5 9.4 14.2





#74

Di-n-butylphthalate

Concen: 31.035 ng

RT: 18.139 min Scan# 21

Delta R.T. -0.024 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

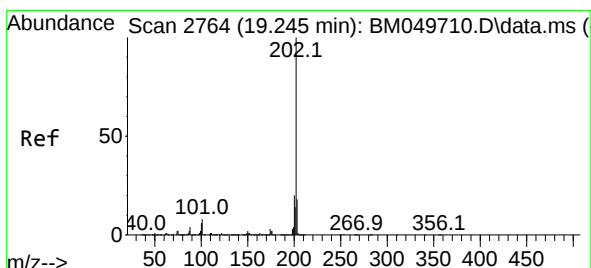
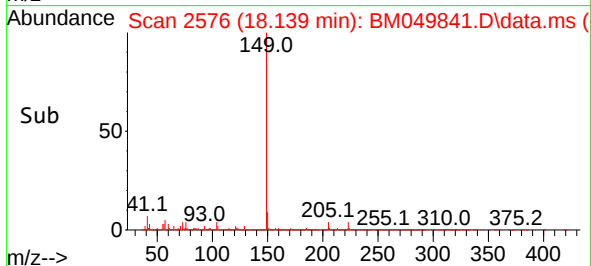
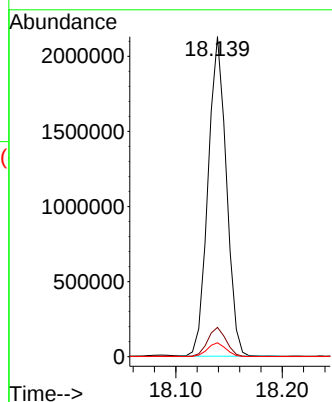
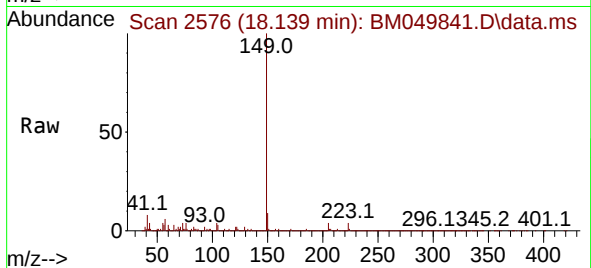
Tgt Ion:149 Resp: 2540858

Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 4.4 3.9 5.9



#75

Fluoranthene

Concen: 37.456 ng

RT: 19.227 min Scan# 2761

Delta R.T. -0.018 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

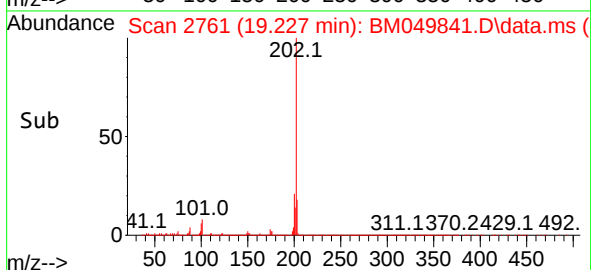
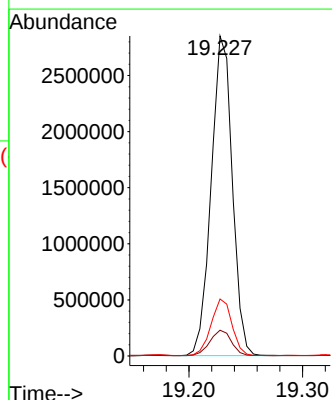
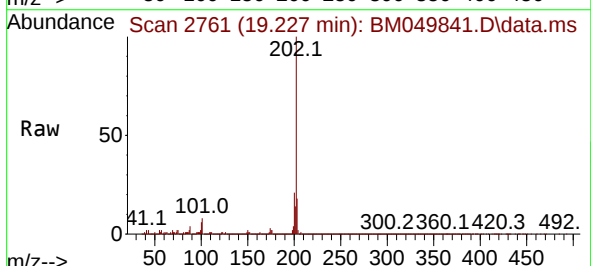
Tgt Ion:202 Resp: 3672649

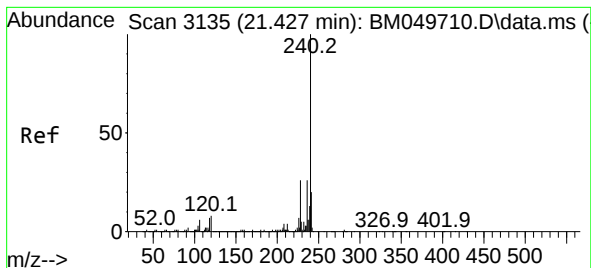
Ion Ratio Lower Upper

202 100

101 8.1 0.0 27.8

203 17.8 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.410 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

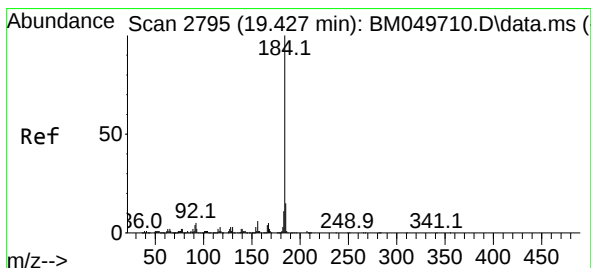
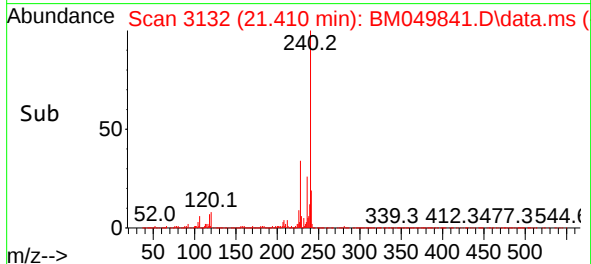
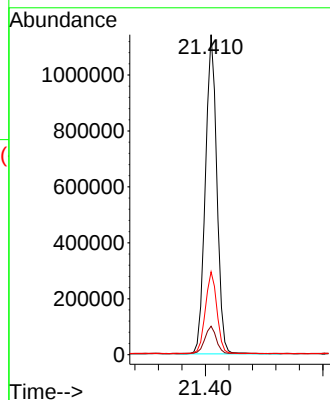
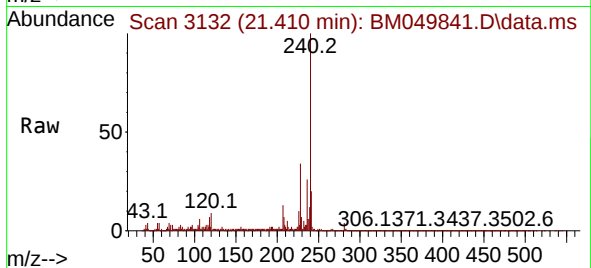
Tgt Ion:240 Resp: 1544485

Ion Ratio Lower Upper

240 100

120 8.9 6.5 9.7

236 25.9 20.7 31.1



#77

Benzidine

Concen: 29.593 ng

RT: 19.410 min Scan# 2792

Delta R.T. -0.017 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

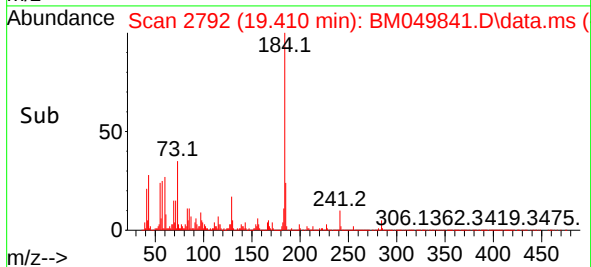
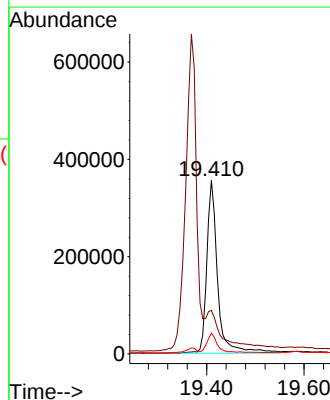
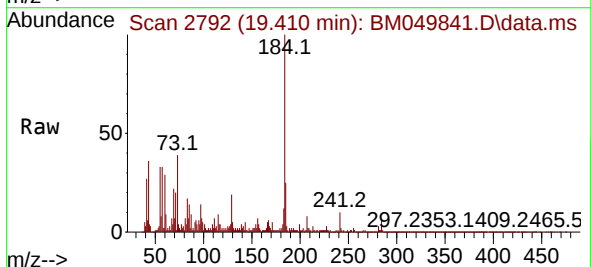
Tgt Ion:184 Resp: 549114

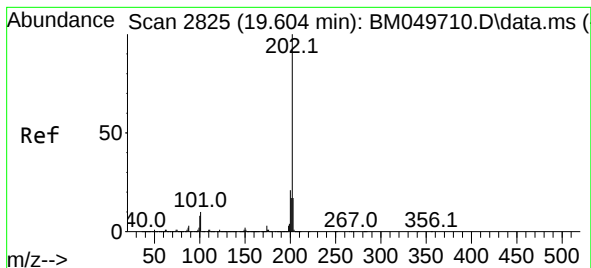
Ion Ratio Lower Upper

184 100

185 25.1 11.7 17.5#

183 12.0 8.8 13.2





#78

Pyrene

Concen: 33.550 ng

RT: 19.592 min Scan# 2

Delta R.T. -0.012 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

Instrument :

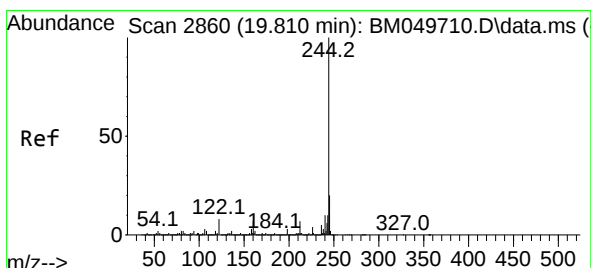
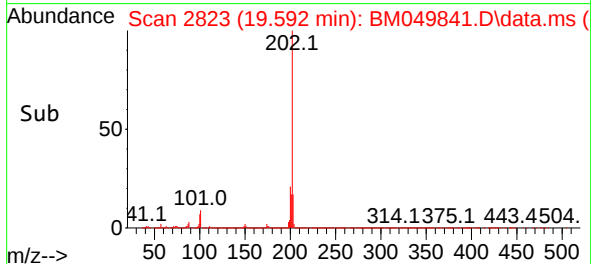
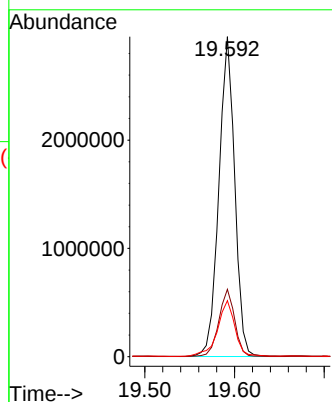
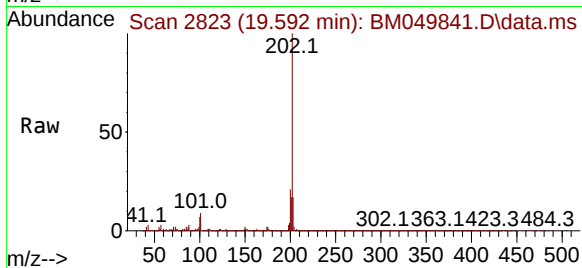
BNA_M

ClientSampleId :

AU-05-040325MSD

Tgt Ion:202 Resp: 3620268

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.5	14.0	21.0



#79

Terphenyl-d14

Concen: 30.909 ng

RT: 19.792 min Scan# 2857

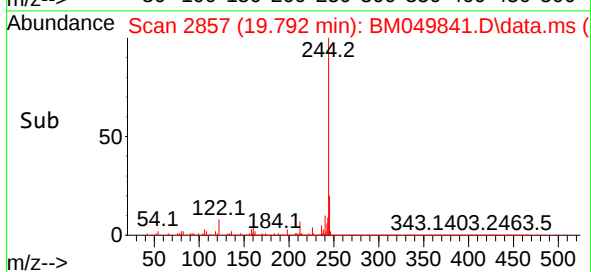
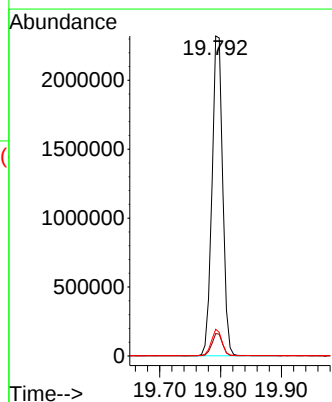
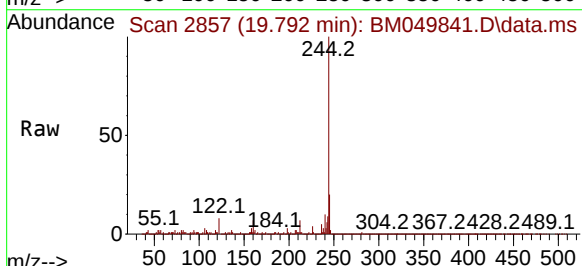
Delta R.T. -0.018 min

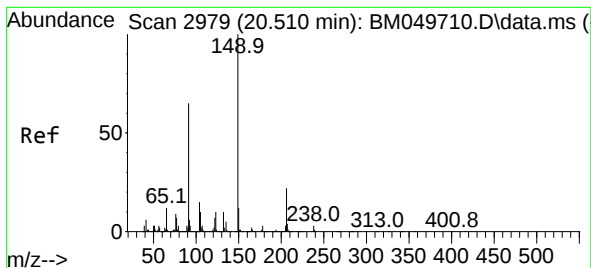
Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

Tgt Ion:244 Resp: 2832951

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	8.3	6.0	9.0





#80

Butylbenzylphthalate

Concen: 33.449 ng

RT: 20.492 min Scan# 2976

Delta R.T. -0.018 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

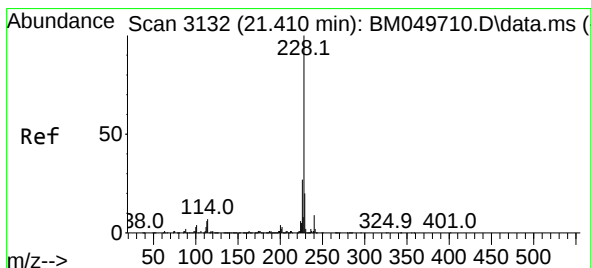
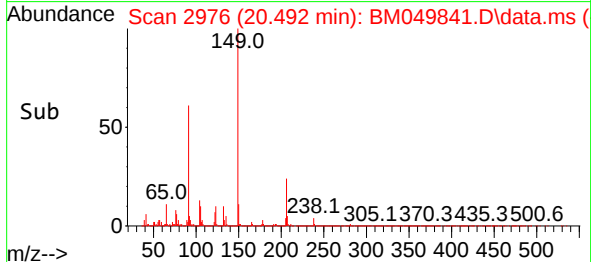
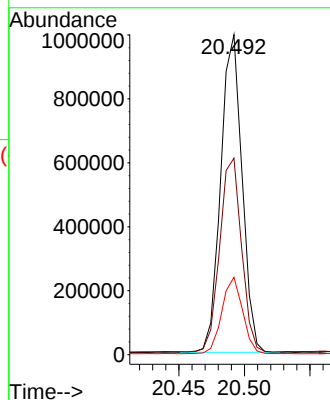
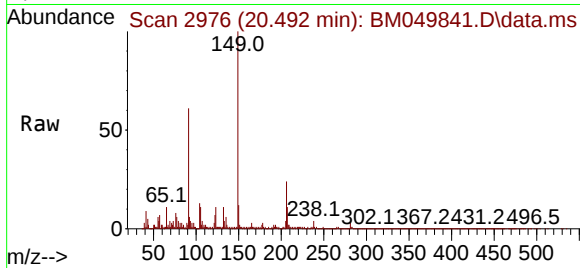
Tgt Ion:149 Resp: 1120117

Ion Ratio Lower Upper

149 100

91 61.4 52.2 78.4

206 24.2 17.6 26.4



#81

Benzo(a)anthracene

Concen: 32.289 ng

RT: 21.392 min Scan# 3129

Delta R.T. -0.018 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

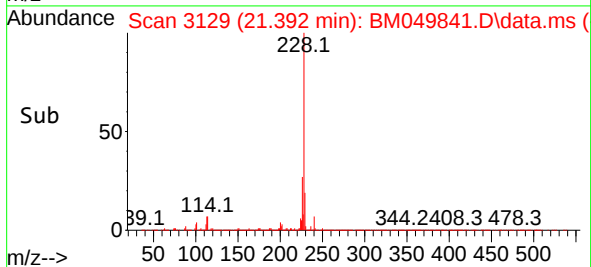
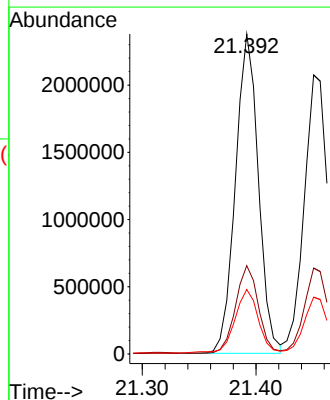
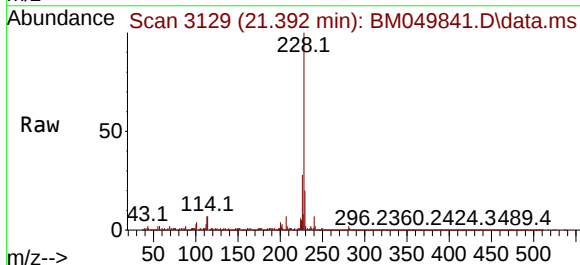
Tgt Ion:228 Resp: 3330942

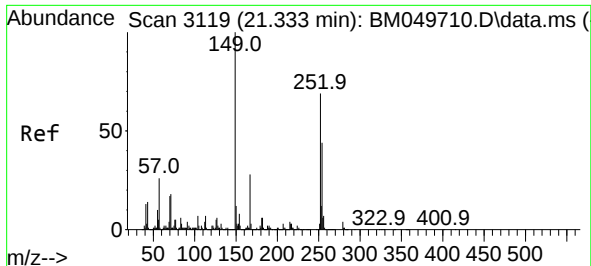
Ion Ratio Lower Upper

228 100

226 27.6 22.0 33.0

229 20.1 15.8 23.8

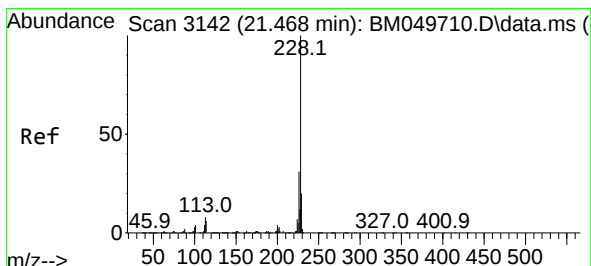
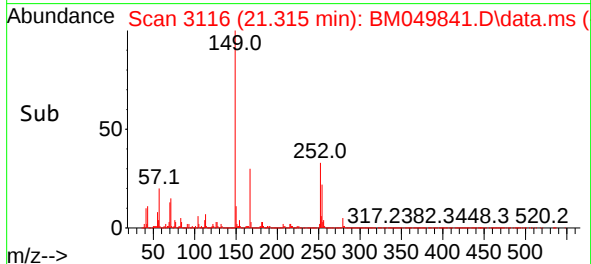
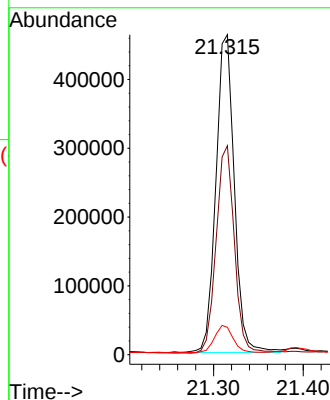
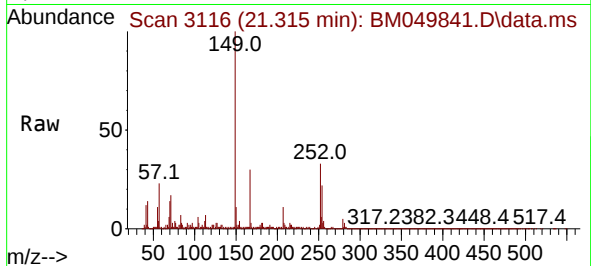




#82
3,3'-Dichlorobenzidine
Concen: 19.569 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

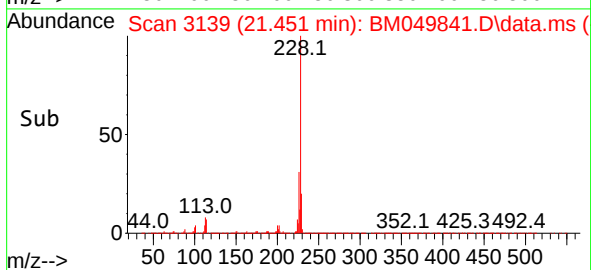
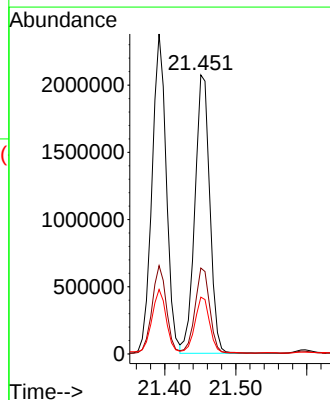
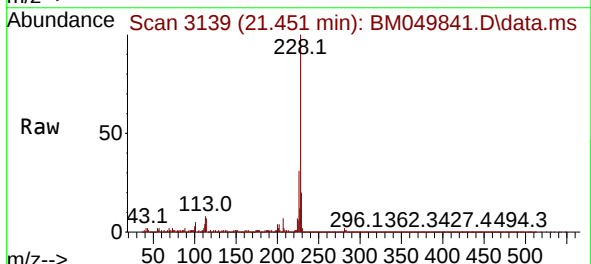
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

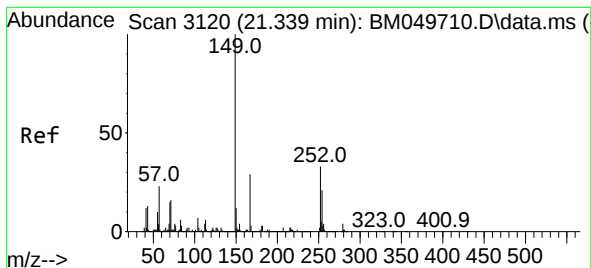
Tgt Ion:252 Resp: 657250
Ion Ratio Lower Upper
252 100
254 65.3 51.0 76.4
126 8.5 6.3 9.5



#83
Chrysene
Concen: 30.938 ng
RT: 21.451 min Scan# 3139
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion:228 Resp: 3025428
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 20.3 15.8 23.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 32.162 ng

RT: 21.315 min Scan# 31

Delta R.T. -0.024 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

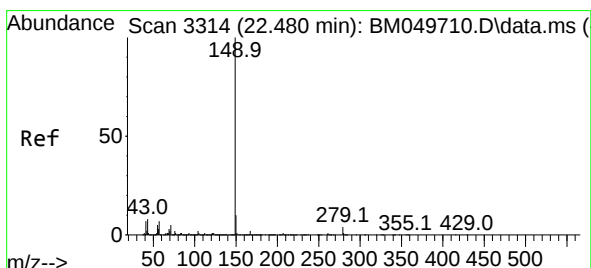
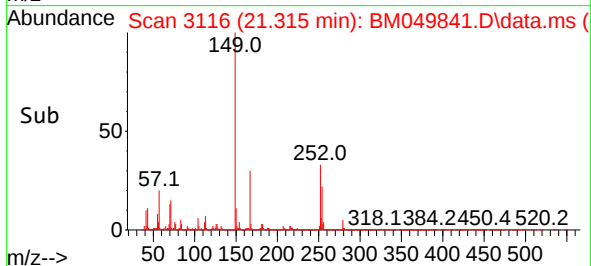
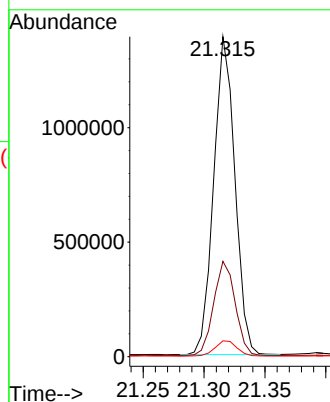
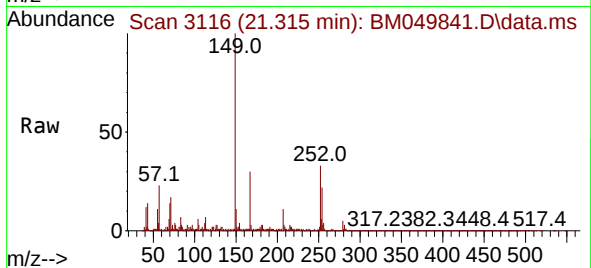
Tgt Ion:149 Resp: 1678514

Ion Ratio Lower Upper

149 100

167 29.8 22.9 34.3

279 4.9 3.5 5.3



#85

Di-n-octyl phthalate

Concen: 36.176 ng

RT: 22.457 min Scan# 3310

Delta R.T. -0.023 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

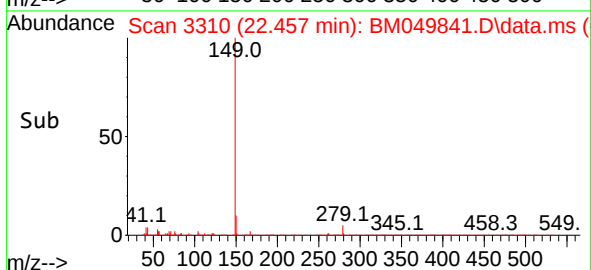
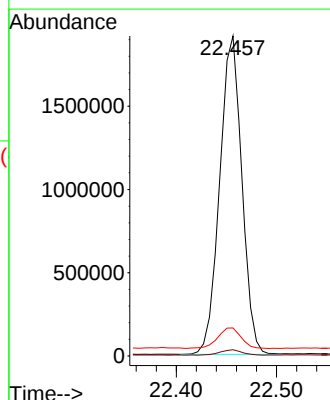
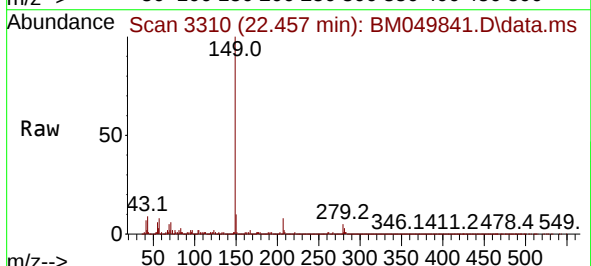
Tgt Ion:149 Resp: 2934404

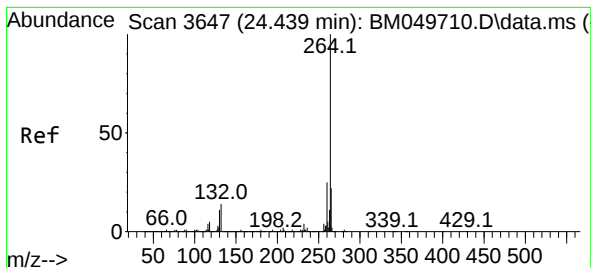
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 6.7 6.8 10.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.415 min Scan# 3

Delta R.T. -0.024 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

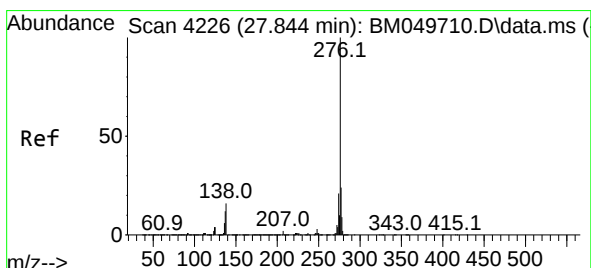
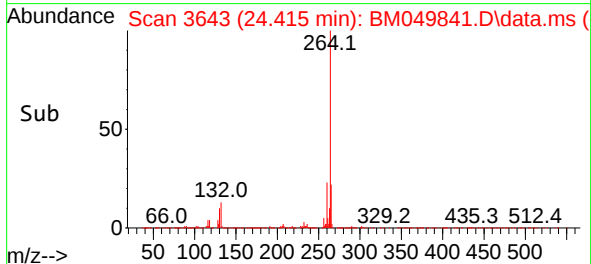
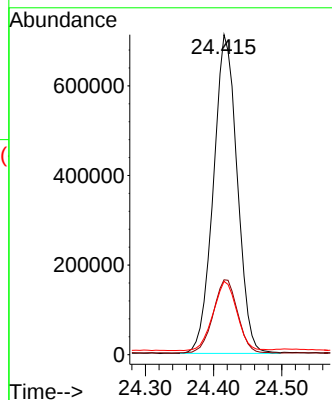
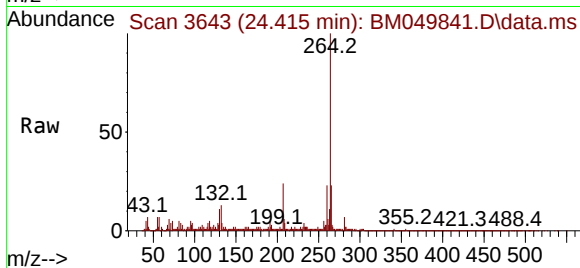
Tgt Ion:264 Resp: 1732654

Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 22.9 18.2 27.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 30.366 ng

RT: 27.815 min Scan# 4221

Delta R.T. -0.029 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

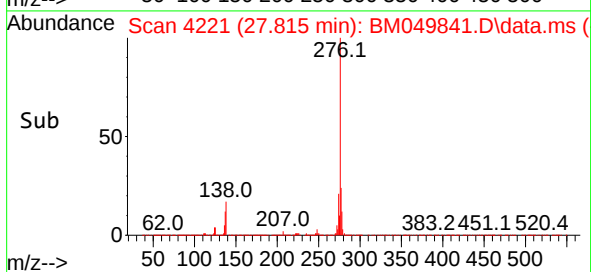
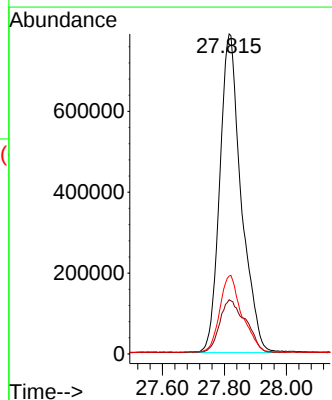
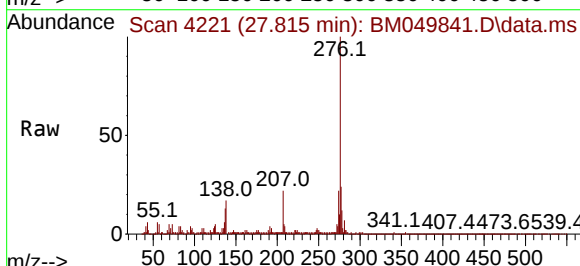
Tgt Ion:276 Resp: 3786957

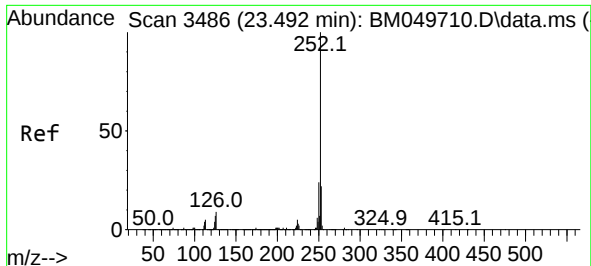
Ion Ratio Lower Upper

276 100

138 20.0 16.3 24.5

277 25.1 19.9 29.9

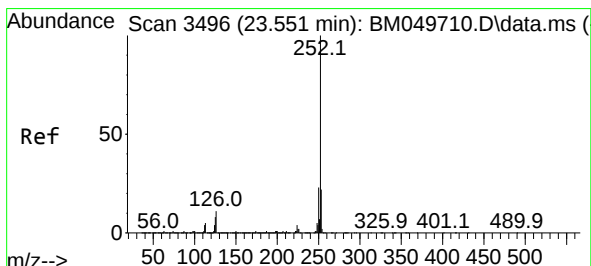
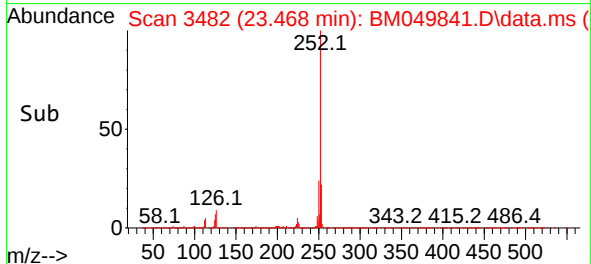
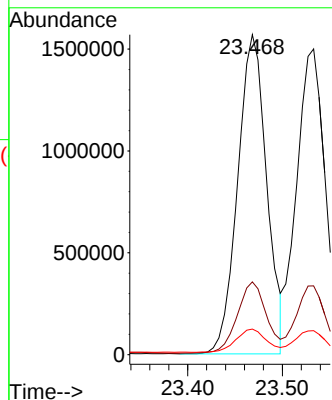
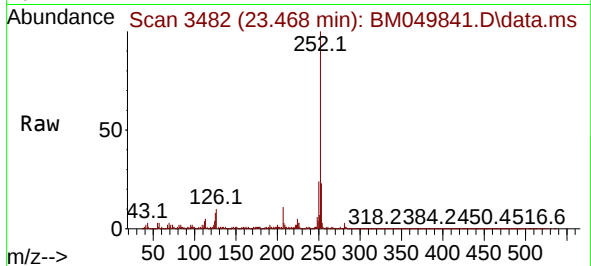




#88
Benzo(b)fluoranthene
Concen: 28.505 ng
RT: 23.468 min Scan# 3486
Delta R.T. -0.024 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

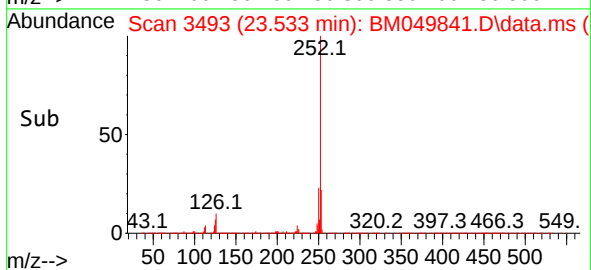
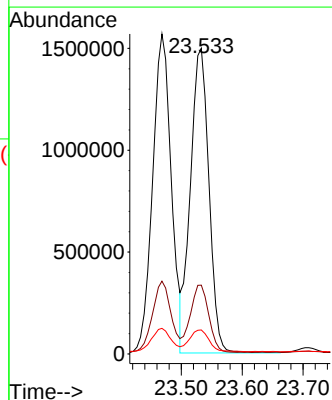
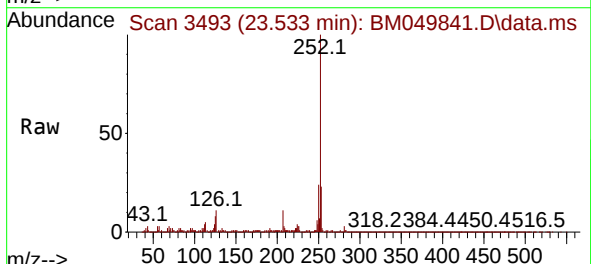
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MSD

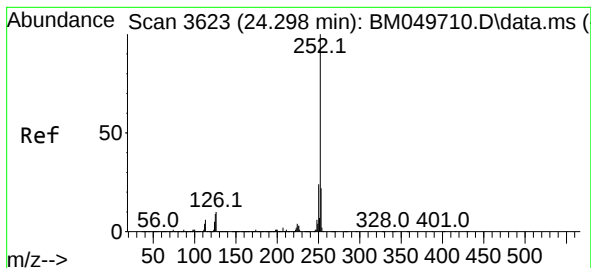
Tgt Ion:252 Resp: 3326545
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 8.0 5.9 8.9



#89
Benzo(k)fluoranthene
Concen: 27.554 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.018 min
Lab File: BM049841.D
Acq: 07 Apr 2025 16:02

Tgt Ion:252 Resp: 3164065
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 7.8 6.2 9.2





#90

Benzo(a)pyrene

Concen: 32.140 ng

RT: 24.274 min Scan# 3

Delta R.T. -0.024 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MSD

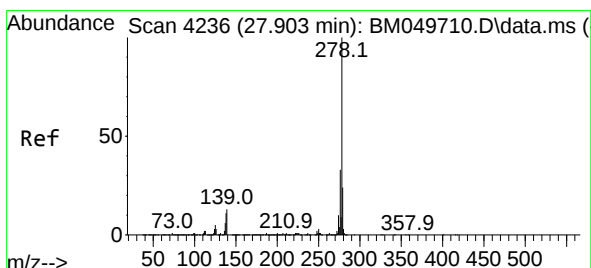
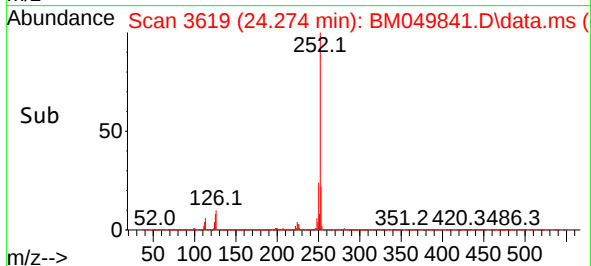
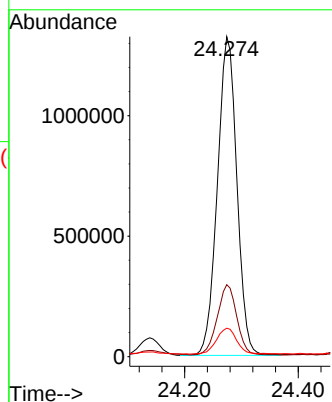
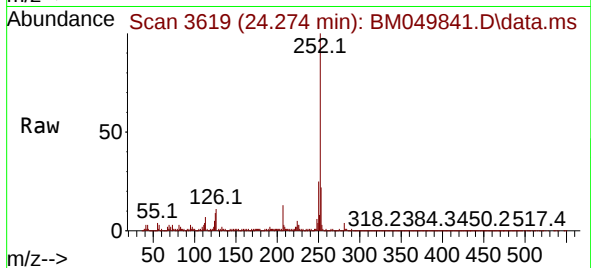
Tgt Ion:252 Resp: 3150499

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 8.9 7.0 10.6



#91

Dibenzo(a,h)anthracene

Concen: 28.696 ng

RT: 27.874 min Scan# 4231

Delta R.T. -0.029 min

Lab File: BM049841.D

Acq: 07 Apr 2025 16:02

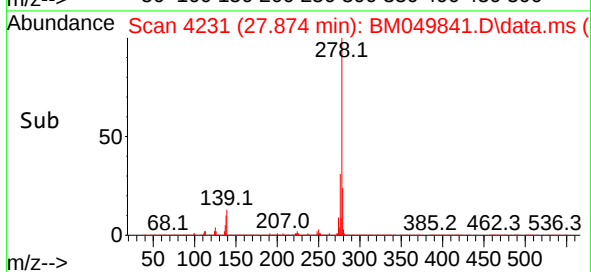
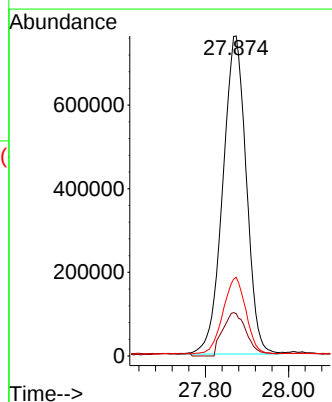
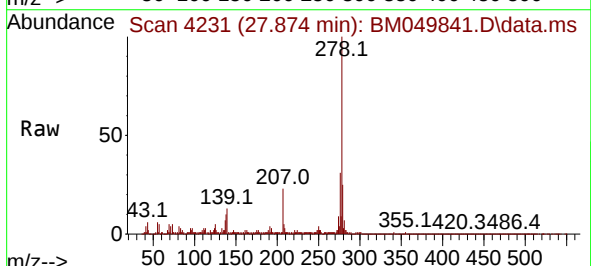
Tgt Ion:278 Resp: 2981571

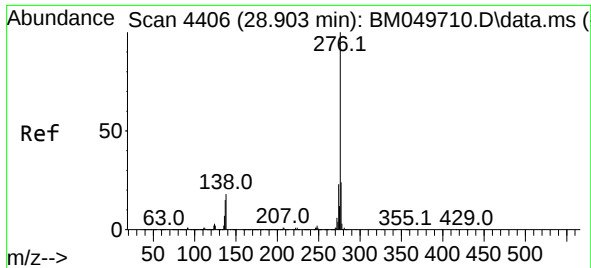
Ion Ratio Lower Upper

278 100

139 13.3 10.1 15.1

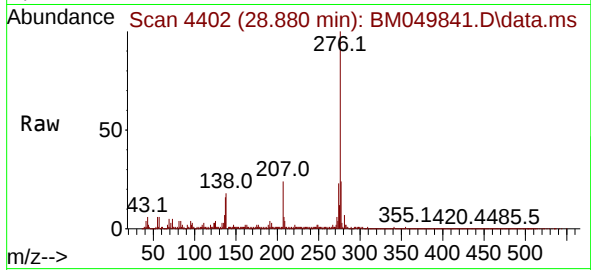
279 24.5 19.1 28.7





#92
 Benzo(g,h,i)perylene
 Concen: 29.356 ng
 RT: 28.880 min Scan# 44
 Delta R.T. -0.024 min
 Lab File: BM049841.D
 Acq: 07 Apr 2025 16:02

Instrument :
 BNA_M
 ClientSampleId :
 AU-05-040325MSD



Tgt Ion:276 Resp: 3072357

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	18.0	14.0	21.0

