

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
 Data File : BM050101.D
 Acq On : 05 May 2025 16:21
 Operator : RC/JU
 Sample : Q1937-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LARGE-PILE-CMS

Quant Time: May 05 17:02:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	289071	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	1033172	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	655158	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1260856	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1205722	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1198695	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1240627	75.152	ng	-0.01
7) Phenol-d6	6.934	99	1574828	75.900	ng	-0.02
23) Nitrobenzene-d5	8.904	82	911507	43.474	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	726955	75.041	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	2382973	43.028	ng	-0.02
79) Terphenyl-d14	19.768	244	3842218	47.154	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	253156	35.766	ng	100
3) Pyridine	3.634	79	704148	38.719	ng	99
4) n-Nitrosodimethylamine	3.546	42	286467	40.162	ng	97
6) Aniline	7.075	93	660027	25.192	ng	99
8) 2-Chlorophenol	7.316	128	787758	44.135	ng	98
9) Benzaldehyde	6.892	77	334787	24.111	ng	99
10) Phenol	6.963	94	941217	44.810	ng	98
11) bis(2-Chloroethyl)ether	7.169	93	721407	41.131	ng	99
12) 1,3-Dichlorobenzene	7.634	146	895076	41.514	ng	99
13) 1,4-Dichlorobenzene	7.781	146	901755	41.631	ng	100
14) 1,2-Dichlorobenzene	8.098	146	864880	41.336	ng	99
15) Benzyl Alcohol	7.992	79	630905	43.846	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.275	45	862745	40.466	ng	99
17) 2-Methylphenol	8.204	107	612863	44.290	ng	100
18) Hexachloroethane	8.816	117	313308	40.690	ng	97
19) n-Nitroso-di-n-propyla...	8.557	70	532313	40.002	ng	99
20) 3+4-Methylphenols	8.534	107	824981	44.148	ng	96
22) Acetophenone	8.569	105	1074980	41.850	ng	# 99
24) Nitrobenzene	8.945	77	770560	42.504	ng	99
25) Isophorone	9.475	82	1456194	40.744	ng	100
26) 2-Nitrophenol	9.657	139	420971	45.453	ng	99
27) 2,4-Dimethylphenol	9.728	122	687865	44.785	ng	99
28) bis(2-Chloroethoxy)met...	9.951	93	920206	41.657	ng	99
29) 2,4-Dichlorophenol	10.210	162	779345	45.292	ng	99
30) 1,2,4-Trichlorobenzene	10.404	180	889692	42.438	ng	99
31) Naphthalene	10.586	128	2194562	41.943	ng	100
32) Benzoic acid	9.910	122	473903	48.243	ng	98
33) 4-Chloroaniline	10.710	127	372713	17.379	ng	98
34) Hexachlorobutadiene	10.875	225	567011	42.609	ng	99
35) Caprolactam	11.510	113	212152	42.286	ng	96
36) 4-Chloro-3-methylphenol	11.851	107	684151	43.036	ng	99
37) 2-Methylnaphthalene	12.204	142	1461550	41.664	ng	99
38) 1-Methylnaphthalene	12.427	142	1525009	41.079	ng	99
40) 1,2,4,5-Tetrachloroben...	12.580	216	1014802	44.745	ng	99
41) Hexachlorocyclopentadiene	12.557	237	1170193	84.429	ng	99
43) 2,4,6-Trichlorophenol	12.827	196	668780	46.492	ng	97

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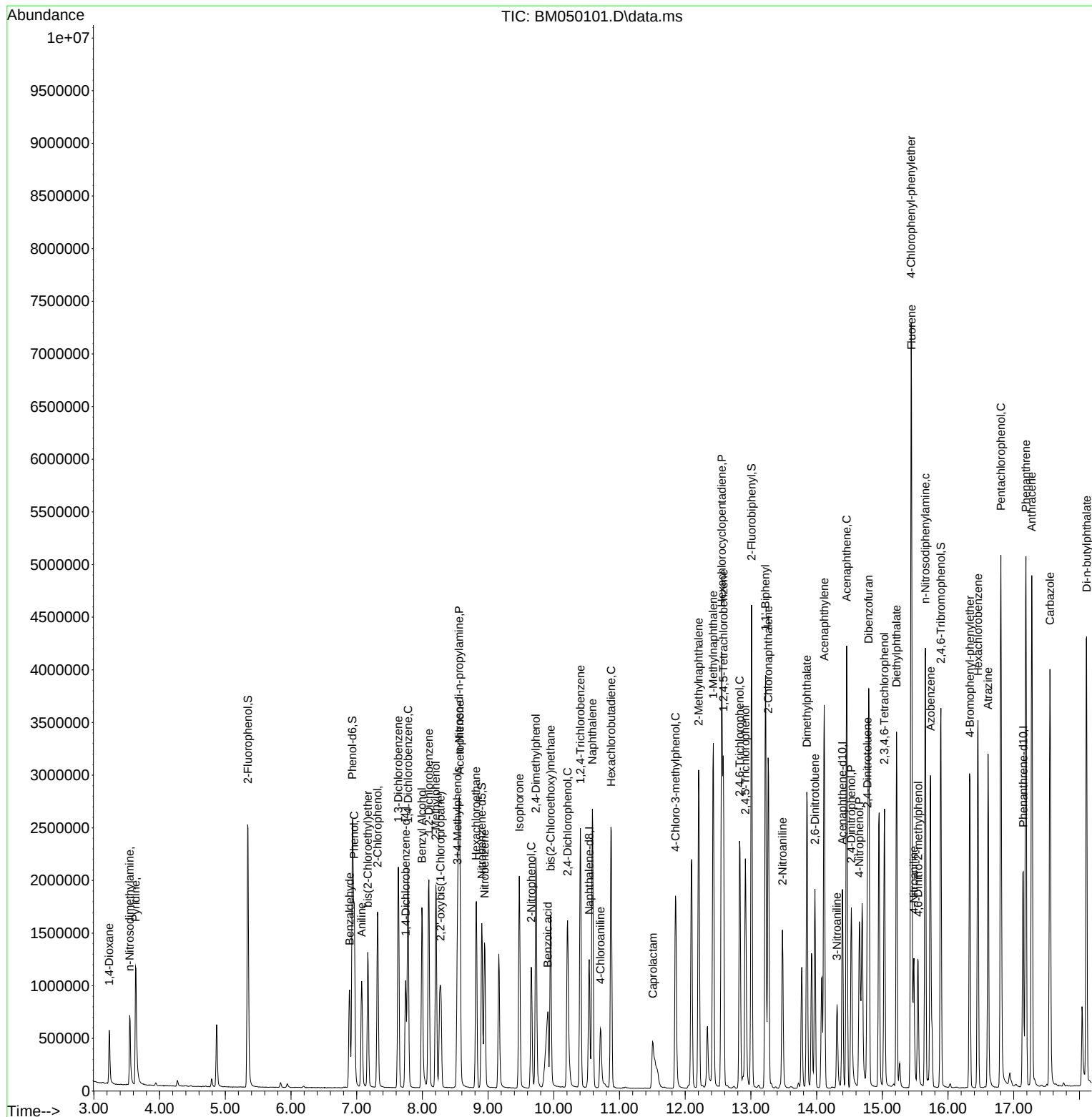
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	714392	46.054	ng	99
46) 1,1'-Biphenyl	13.221	154	2119703	43.525	ng	100
47) 2-Chloronaphthalene	13.263	162	1682226	43.613	ng	100
48) 2-Nitroaniline	13.480	65	410137	45.305	ng	99
49) Acenaphthylene	14.115	152	2607333	42.873	ng	100
50) Dimethylphthalate	13.851	163	2008543	41.950	ng	99
51) 2,6-Dinitrotoluene	13.974	165	436791	44.061	ng	99
52) Acenaphthene	14.457	154	1503119	42.700	ng	99
53) 3-Nitroaniline	14.310	138	240688	25.431	ng	99
54) 2,4-Dinitrophenol	14.527	184	515925	81.228	ng	99
55) Dibenzofuran	14.792	168	2470123	42.175	ng	99
56) 4-Nitrophenol	14.651	139	692129	89.330	ng	99
57) 2,4-Dinitrotoluene	14.774	165	612717	44.730	ng	98
58) Fluorene	15.445	166	2038230	42.517	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	587763	43.774	ng	99
60) Diethylphthalate	15.215	149	1869621	41.441	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	1124376	42.701	ng	100
62) 4-Nitroaniline	15.480	138	394156	43.165	ng	99
63) Azobenzene	15.733	77	1715145	45.362	ng	96
65) 4,6-Dinitro-2-methylph...	15.545	198	339117	42.967	ng	97
66) n-Nitrosodiphenylamine	15.657	169	1700792	43.928	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	673722	44.187	ng	97
68) Hexachlorobenzene	16.457	284	772197	43.936	ng	96
69) Atrazine	16.609	200	620736	44.447	ng	99
70) Pentachlorophenol	16.804	266	1021224	103.226	ng	98
71) Phenanthrene	17.186	178	3082125	43.341	ng	100
72) Anthracene	17.274	178	3141350	43.650	ng	100
73) Carbazole	17.551	167	2792713	44.720	ng	100
74) Di-n-butylphthalate	18.109	149	3233710	43.482	ng	100
75) Fluoranthene	19.203	202	3722333	44.583	ng	100
77) Benzidine	19.392	184	1919998	44.830	ng	100
78) Pyrene	19.568	202	3815439	45.063	ng	100
80) Butylbenzylphthalate	20.462	149	1416730	44.675	ng	98
81) Benzo(a)anthracene	21.368	228	3671788	44.223	ng	100
82) 3,3'-Dichlorobenzidine	21.291	252	834376	26.251	ng	99
83) Chrysene	21.427	228	3347188	43.557	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	2047604	43.228	ng	100
85) Di-n-octyl phthalate	22.409	149	3335016	42.694	ng	100
87) Indeno(1,2,3-cd)pyrene	27.762	276	4020492	45.013	ng	99
88) Benzo(b)fluoranthene	23.433	252	3367561	43.199	ng	100
89) Benzo(k)fluoranthene	23.497	252	3397394	43.085	ng	99
90) Benzo(a)pyrene	24.238	252	3239603	44.370	ng	100
91) Dibenzo(a,h)anthracene	27.809	278	3283382	45.096	ng	99
92) Benzo(g,h,i)perylene	28.820	276	3078083	44.159	ng	100

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

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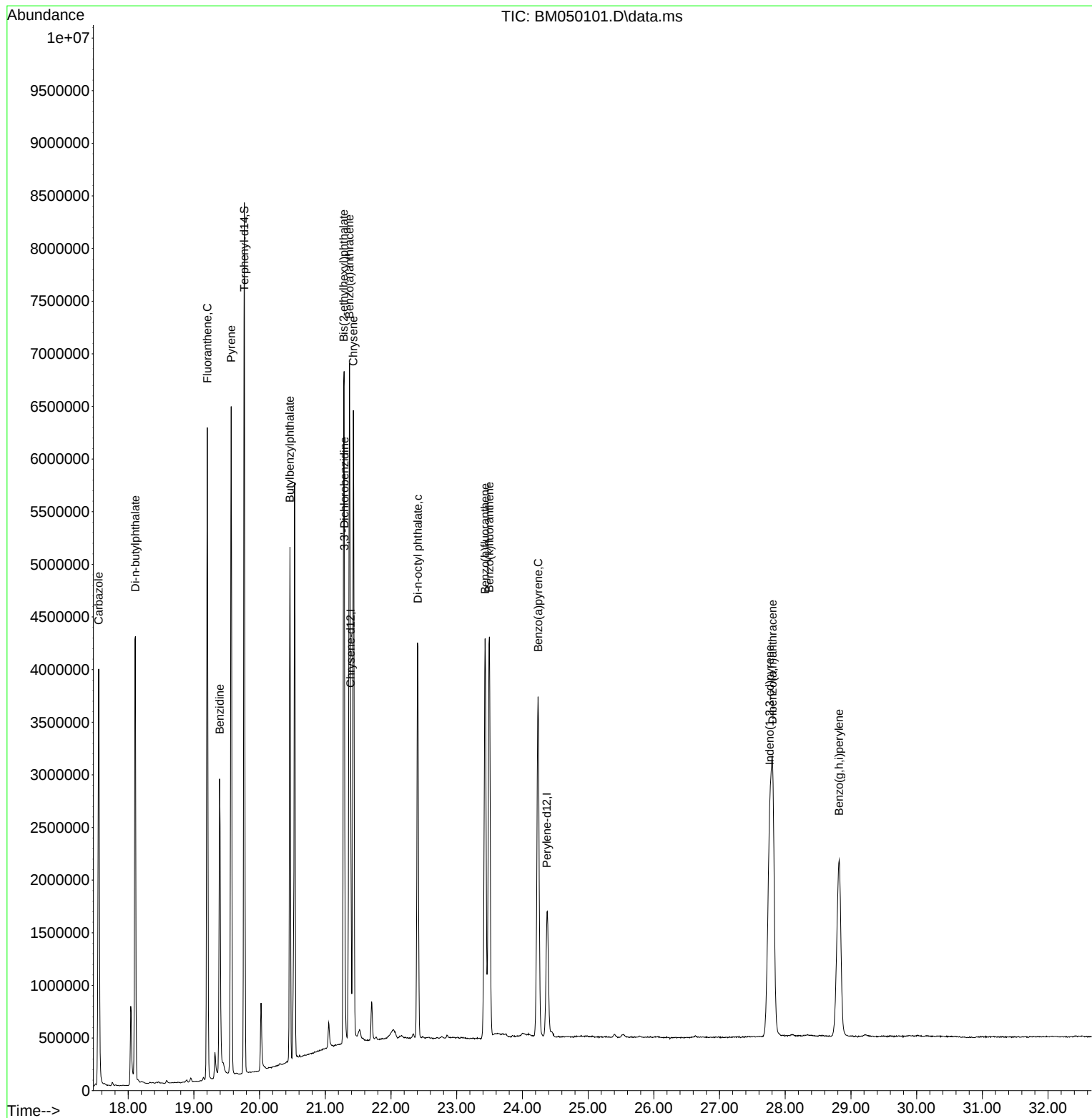
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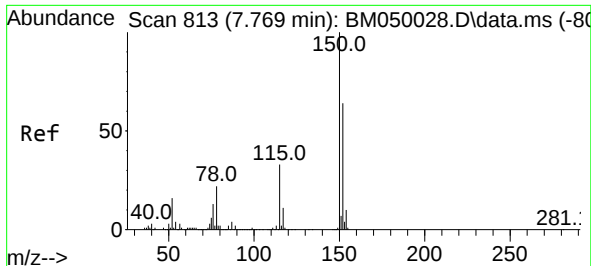


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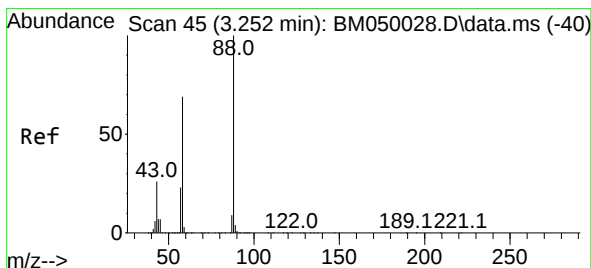
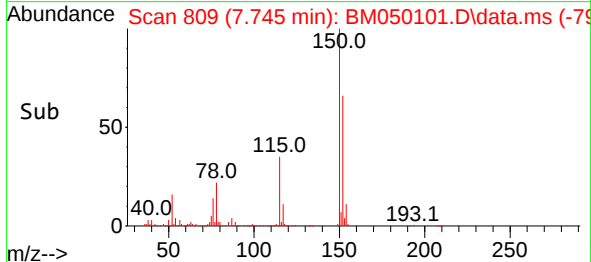
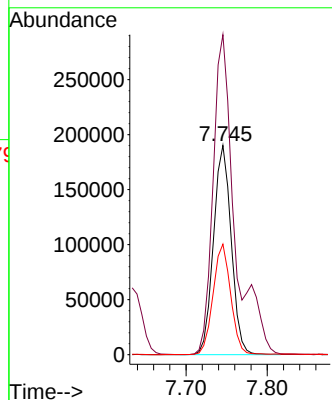
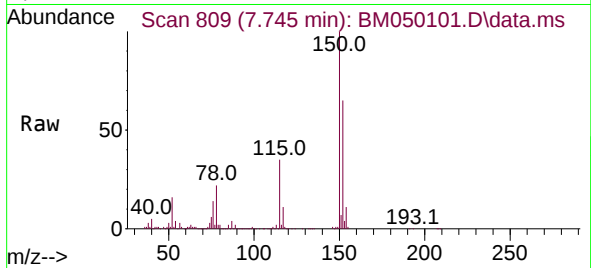




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050101.D
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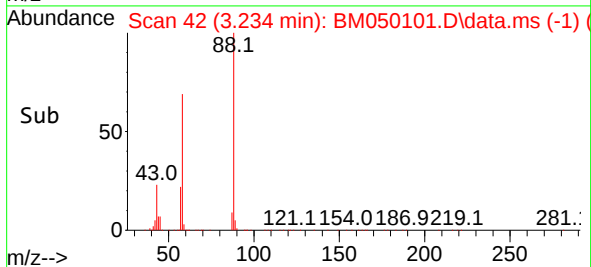
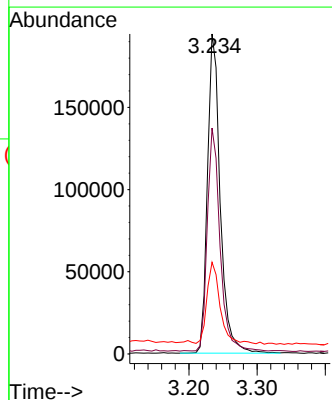
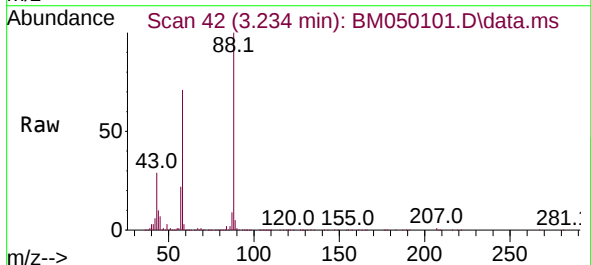
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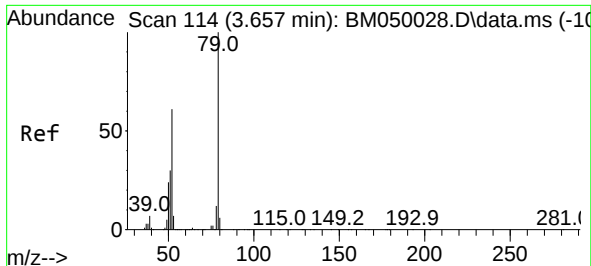
Tgt Ion:152 Resp: 289071
Ion Ratio Lower Upper
152 100
150 152.9 124.1 186.1
115 52.9 41.2 61.8



#2
1,4-Dioxane
Concen: 35.766 ng
RT: 3.234 min Scan# 42
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion: 88 Resp: 253156
Ion Ratio Lower Upper
88 100
58 69.3 55.1 82.7
43 26.2 20.9 31.3

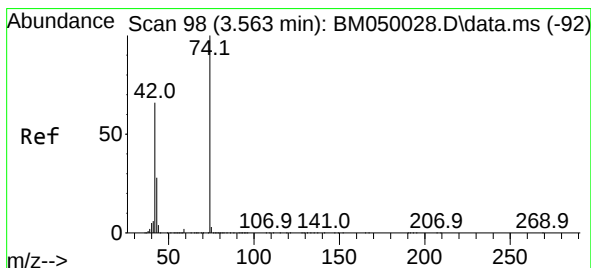
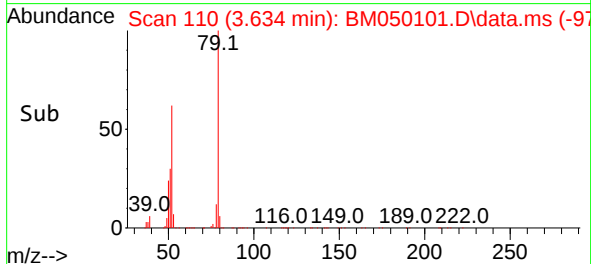
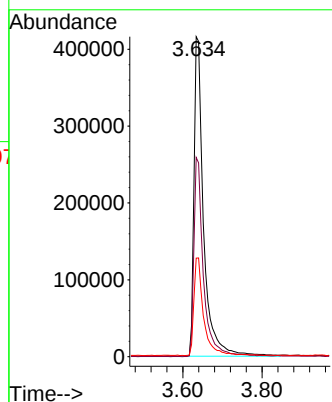
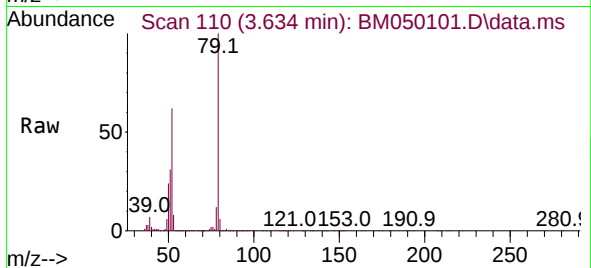




#3
Pyridine
Concen: 38.719 ng
RT: 3.634 min Scan# 114
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

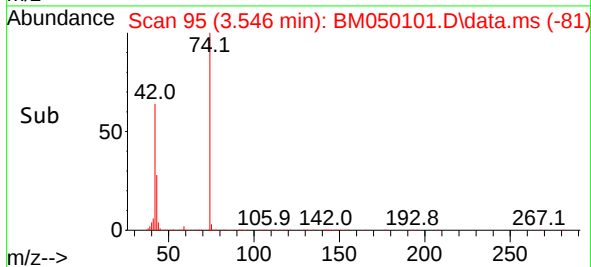
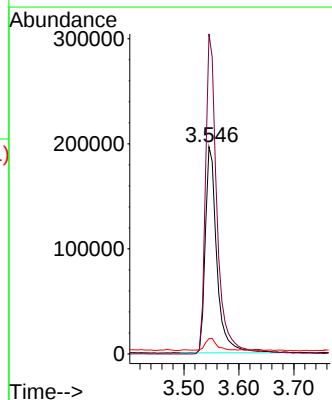
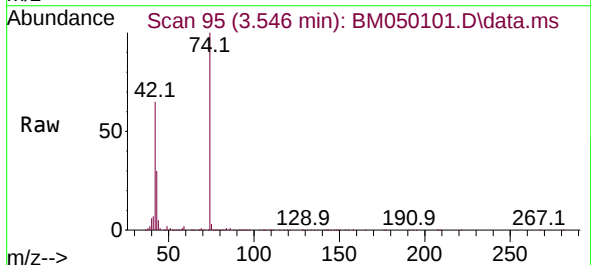
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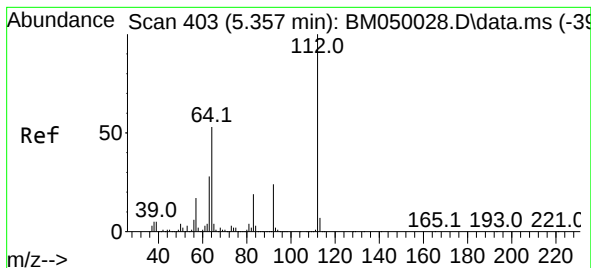
Tgt Ion: 79 Resp: 704148
Ion Ratio Lower Upper
79 100
52 62.3 48.6 72.8
51 30.8 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 40.162 ng
RT: 3.546 min Scan# 95
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion: 42 Resp: 286467
Ion Ratio Lower Upper
42 100
74 154.4 120.2 180.2
44 7.4 6.2 9.2

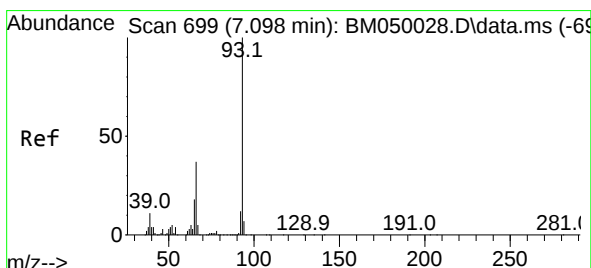
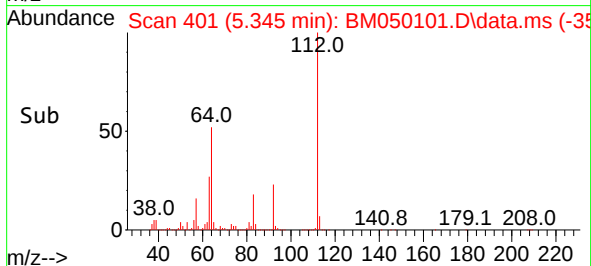
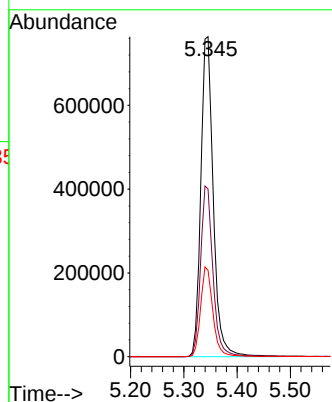
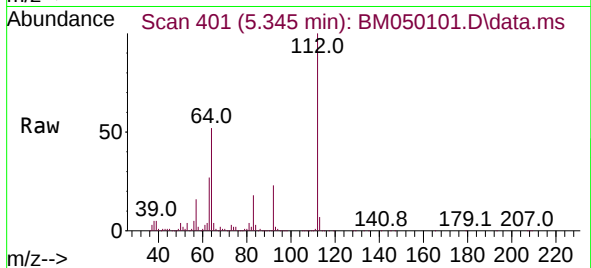




#5
2-Fluorophenol
Concen: 75.152 ng
RT: 5.345 min Scan# 403
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

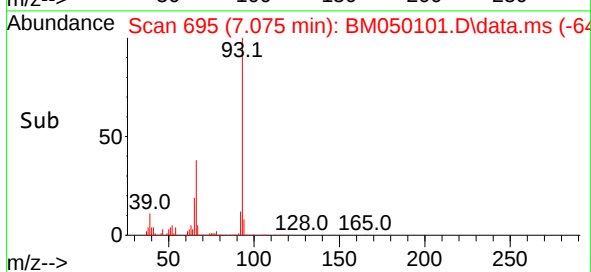
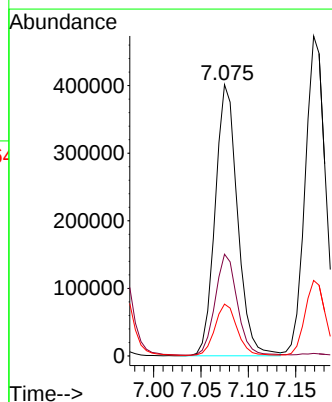
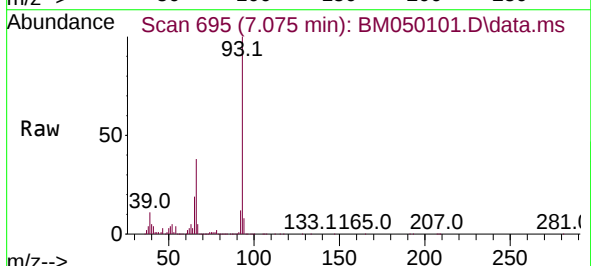
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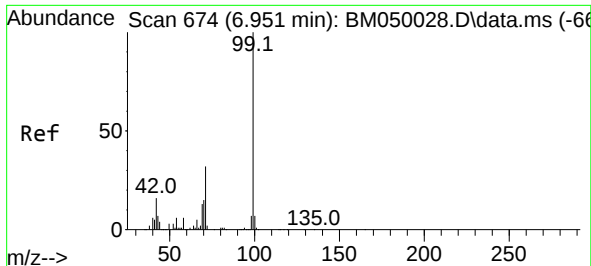
Tgt Ion:112 Resp: 1240627
Ion Ratio Lower Upper
112 100
64 52.4 42.6 64.0
63 27.0 22.2 33.4



#6
Aniline
Concen: 25.192 ng
RT: 7.075 min Scan# 695
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion: 93 Resp: 660027
Ion Ratio Lower Upper
93 100
66 37.5 29.9 44.9
65 19.1 14.5 21.7

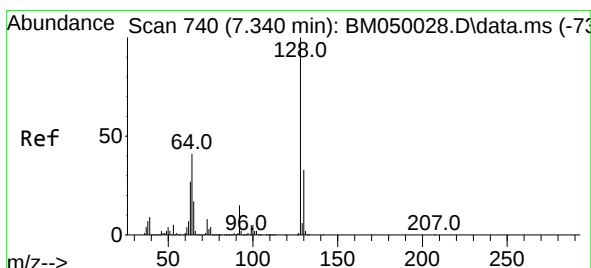
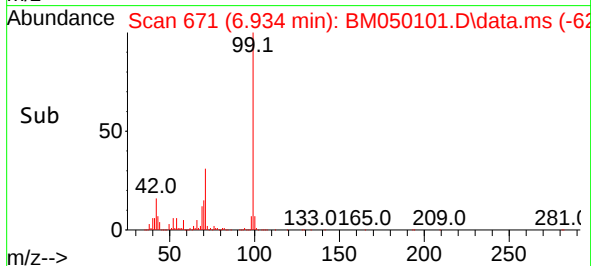
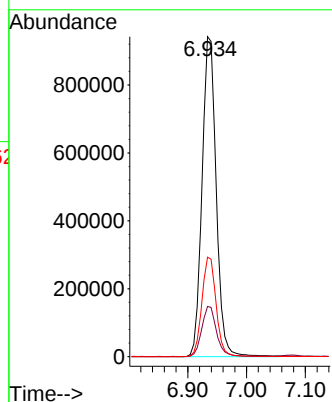
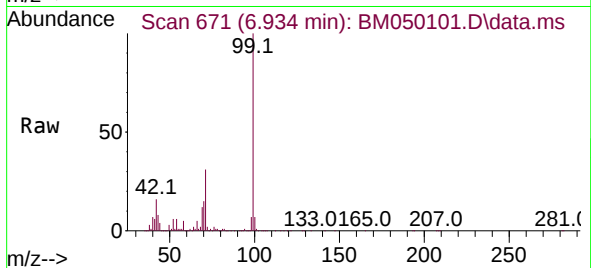




#7
Phenol-d6
Concen: 75.900 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM050101.D
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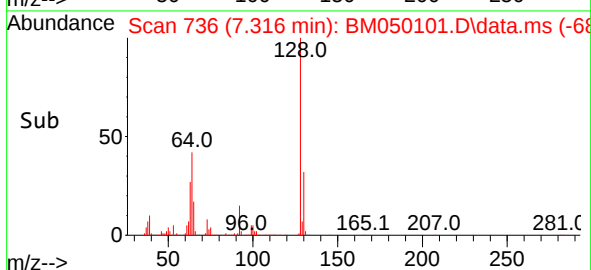
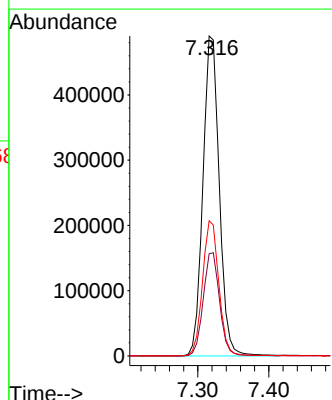
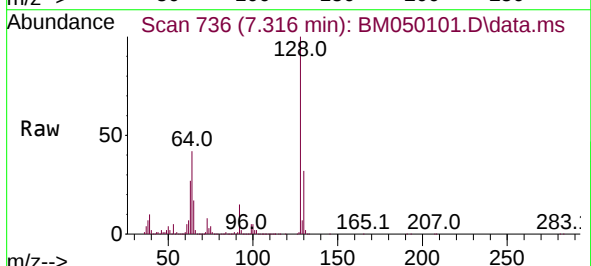
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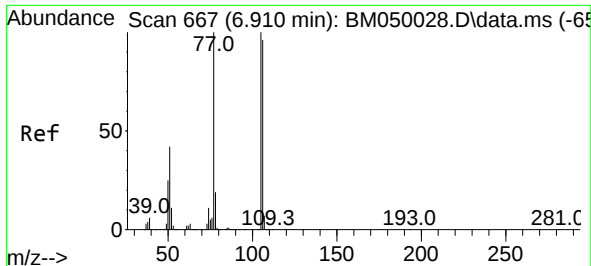
Tgt Ion: 99 Resp: 1574828
Ion Ratio Lower Upper
99 100
42 15.7 13.0 19.4
71 31.1 25.6 38.4



#8
2-Chlorophenol
Concen: 44.135 ng
RT: 7.316 min Scan# 736
Delta R.T. -0.024 min
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Tgt Ion:128 Resp: 787758
Ion Ratio Lower Upper
128 100
130 32.0 12.8 52.8
64 42.2 21.2 61.2

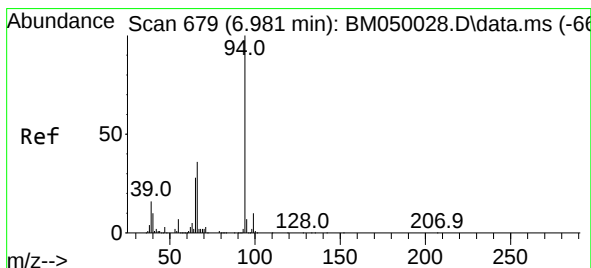
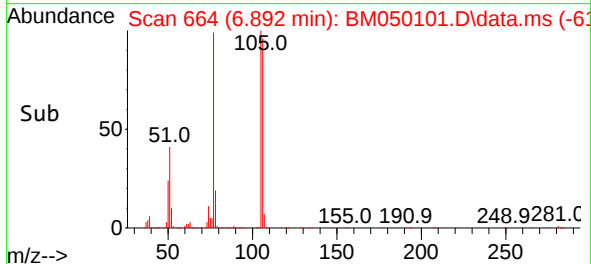
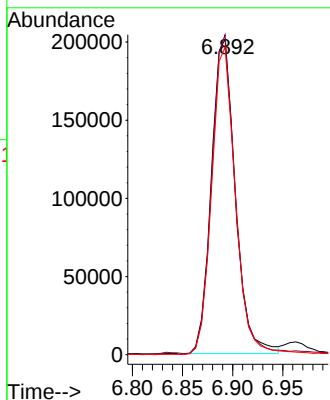
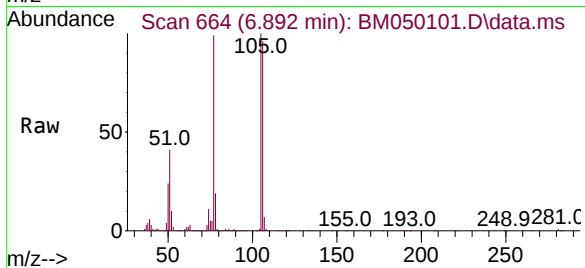




#9
Benzaldehyde
Concen: 24.111 ng
RT: 6.892 min Scan# 664
Delta R.T. -0.018 min
Lab File: BM050101.D
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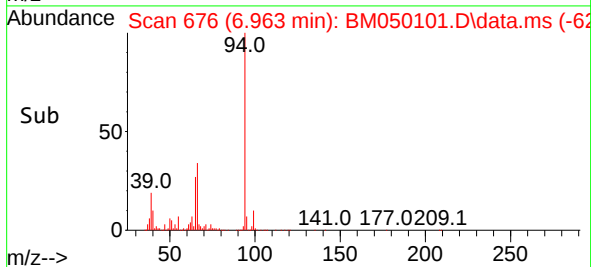
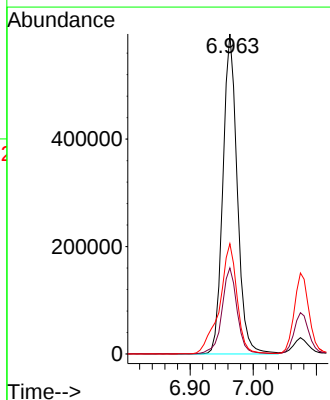
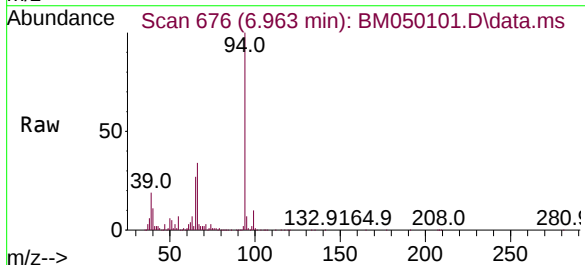
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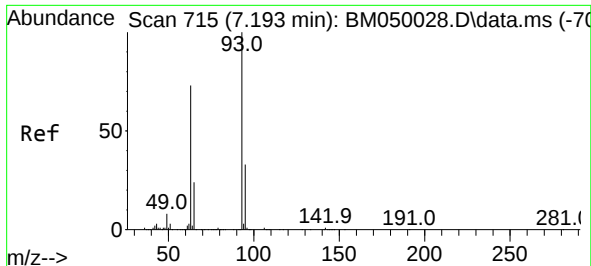
Tgt Ion: 77 Resp: 334787
Ion Ratio Lower Upper
77 100
105 101.4 80.5 120.5
106 97.5 76.1 116.1



#10
Phenol
Concen: 44.810 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion: 94 Resp: 941217
Ion Ratio Lower Upper
94 100
65 26.9 7.6 47.6
66 34.5 15.8 55.8

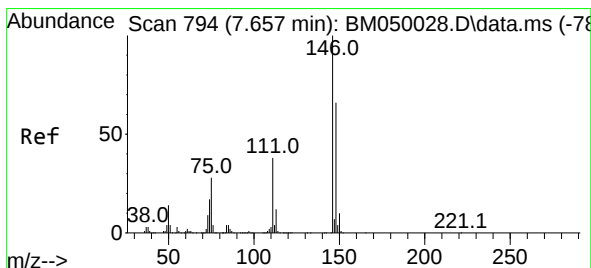
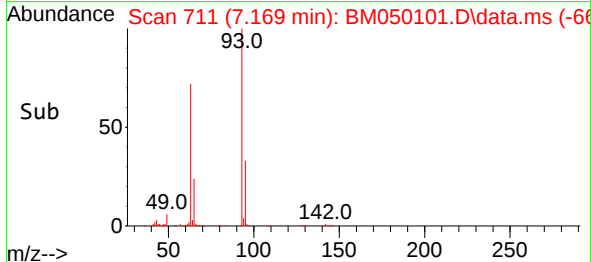
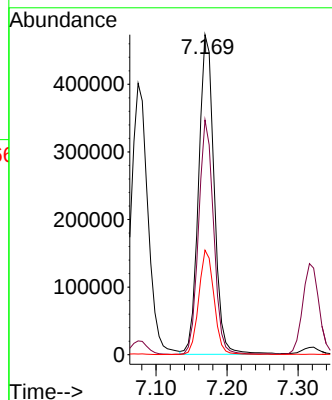
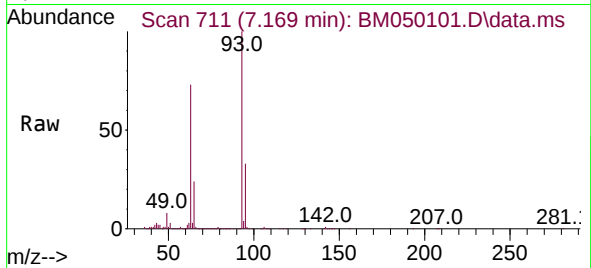




#11
bis(2-Chloroethyl)ether
Concen: 41.131 ng
RT: 7.169 min Scan# 711
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

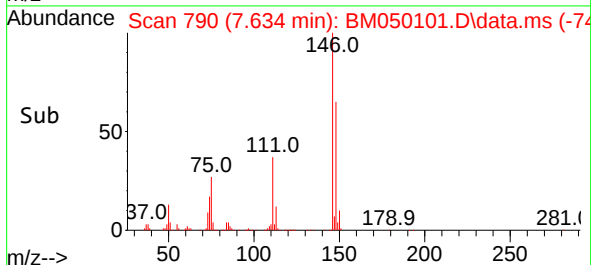
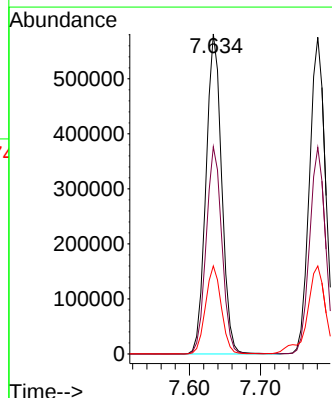
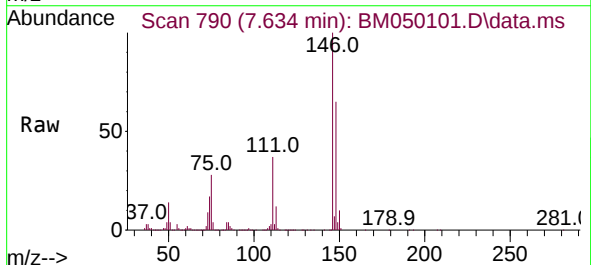
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ClientSampleId :
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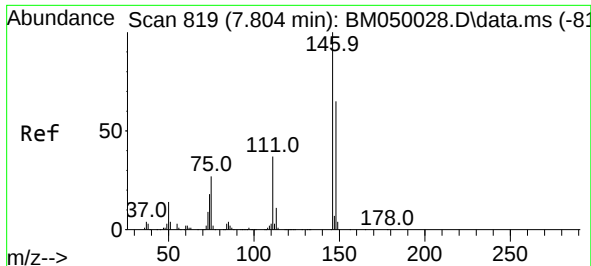
Tgt Ion: 93 Resp: 721407
Ion Ratio Lower Upper
93 100
63 73.3 52.3 92.3
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.514 ng
RT: 7.634 min Scan# 790
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:146 Resp: 895076
Ion Ratio Lower Upper
146 100
148 64.7 52.5 78.7
75 27.5 22.6 34.0

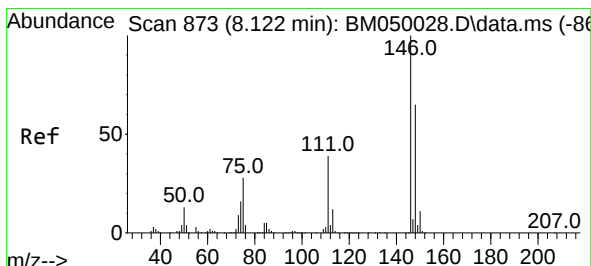
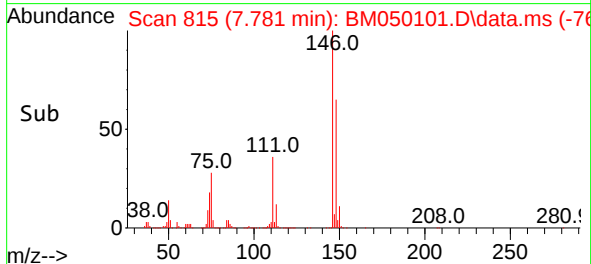
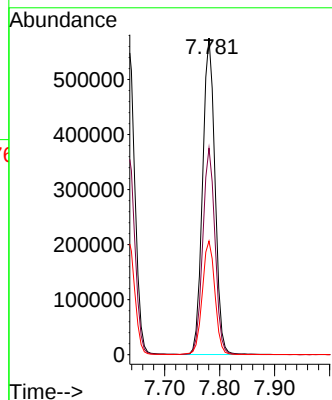
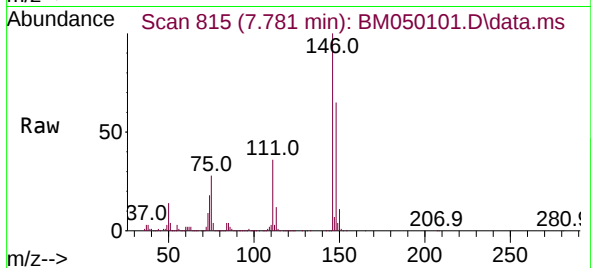




#13
1,4-Dichlorobenzene
Concen: 41.631 ng
RT: 7.781 min Scan# 819
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

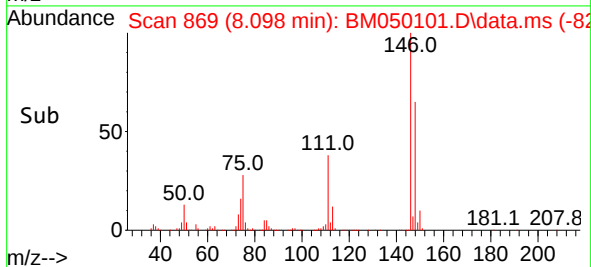
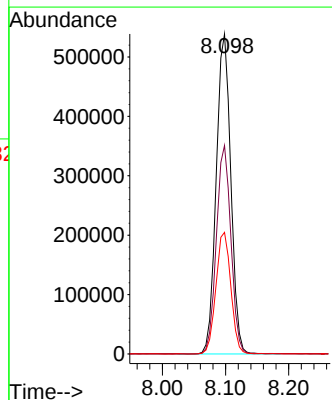
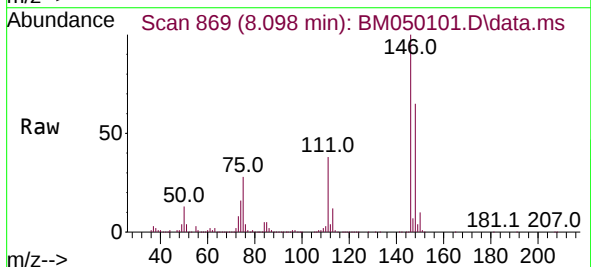
Instrument :
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ClientSampleId :
LARGE-PILE-CMS

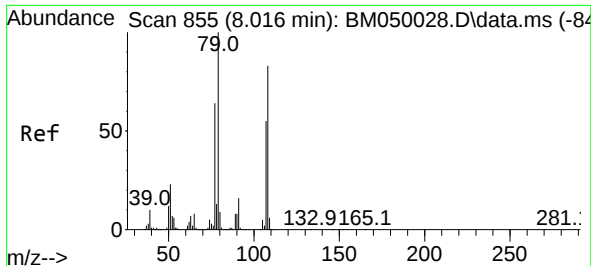
Tgt Ion:146 Resp: 901755
Ion Ratio Lower Upper
146 100
148 65.3 52.2 78.2
111 35.9 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 41.336 ng
RT: 8.098 min Scan# 869
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:146 Resp: 864880
Ion Ratio Lower Upper
146 100
148 65.2 52.4 78.6
111 38.0 31.0 46.6

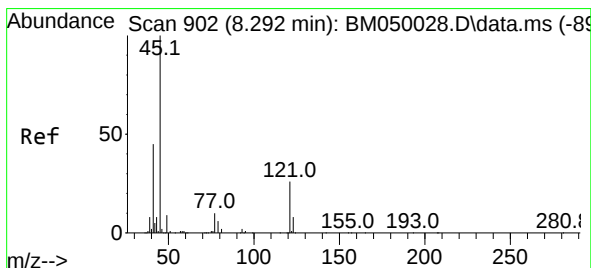
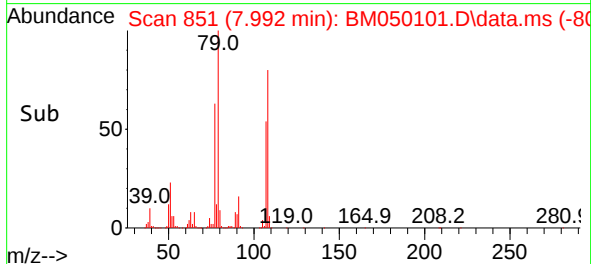
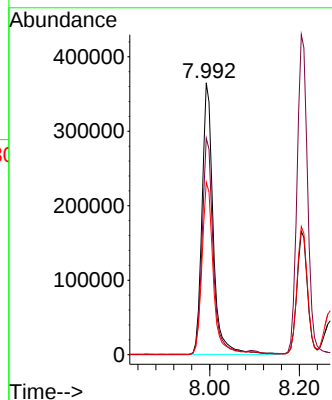
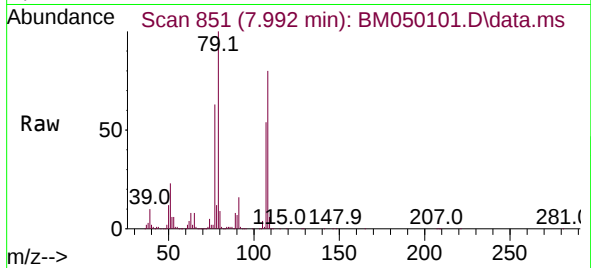




#15
Benzyl Alcohol
Concen: 43.846 ng
RT: 7.992 min Scan# 811
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

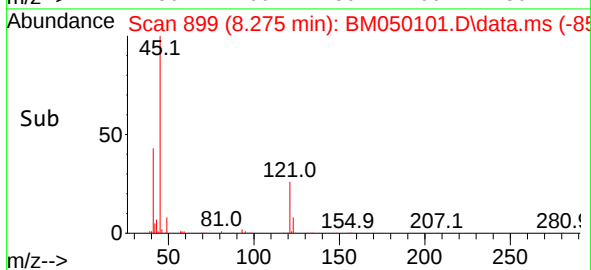
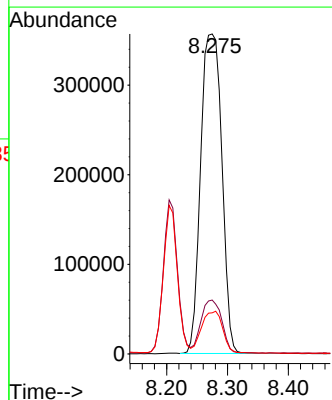
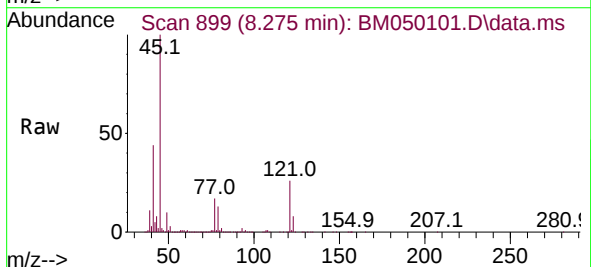
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BNA_M
ClientSampleId :
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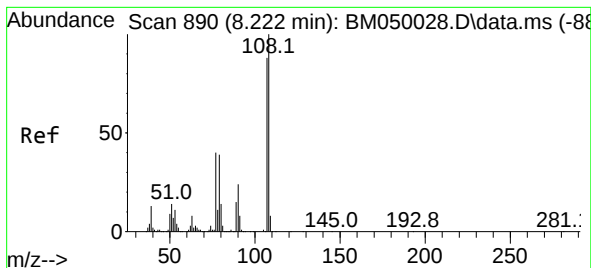
Tgt Ion: 79 Resp: 630905
Ion Ratio Lower Upper
79 100
108 79.7 66.0 99.0
77 63.5 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.466 ng
RT: 8.275 min Scan# 899
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion: 45 Resp: 862745
Ion Ratio Lower Upper
45 100
77 16.9 0.0 36.4
79 12.9 0.0 32.7

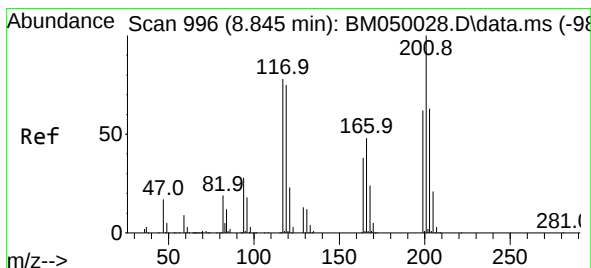
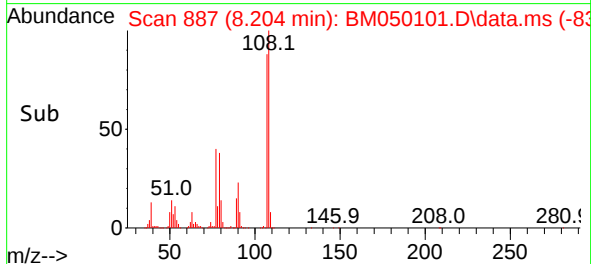
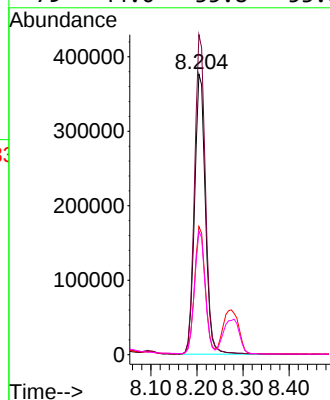
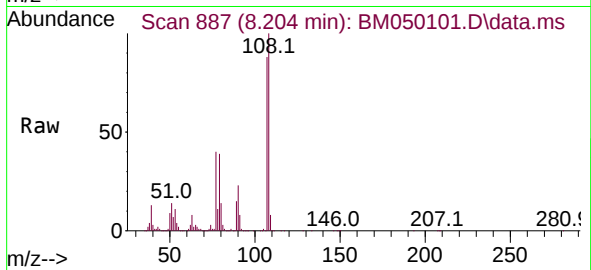




#17
2-Methylphenol
Concen: 44.290 ng
RT: 8.204 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

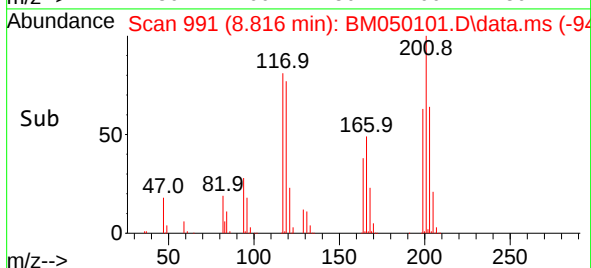
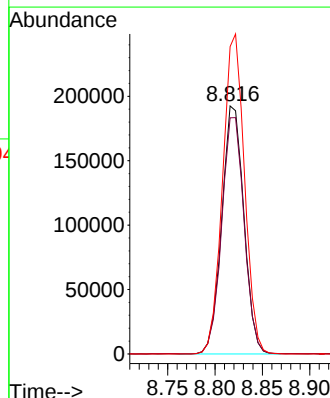
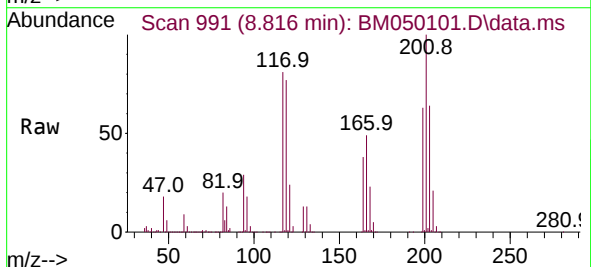
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ClientSampleId :
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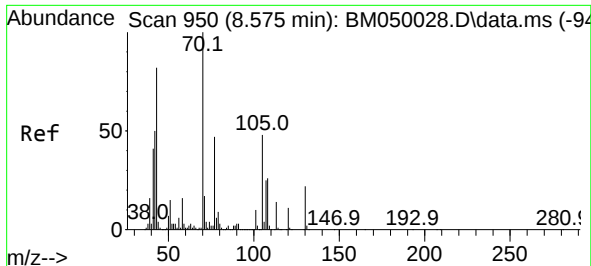
Tgt Ion:107 Resp: 612863
Ion Ratio Lower Upper
107 100
108 114.1 91.1 136.7
77 45.7 36.2 54.4
79 44.0 35.8 53.8



#18
Hexachloroethane
Concen: 40.690 ng
RT: 8.816 min Scan# 991
Delta R.T. -0.030 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:117 Resp: 313308
Ion Ratio Lower Upper
117 100
119 95.3 77.3 115.9
201 124.0 102.8 154.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.002 ng

RT: 8.557 min Scan# 947

Delta R.T. -0.018 min

Lab File: BM050101.D

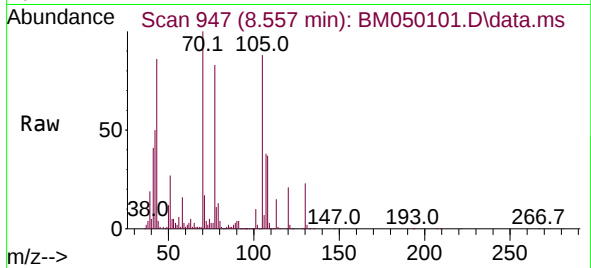
Acq: 05 May 2025 16:21

Instrument :

BNA_M

ClientSampleId :

LARGE-PILE-CMS



Tgt Ion: 70 Resp: 532313

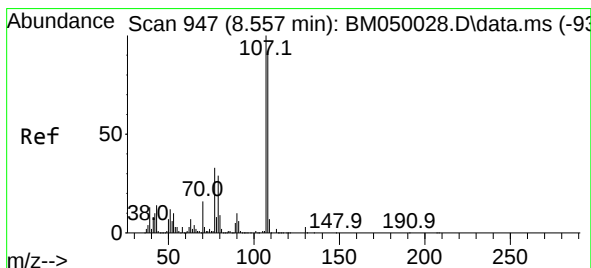
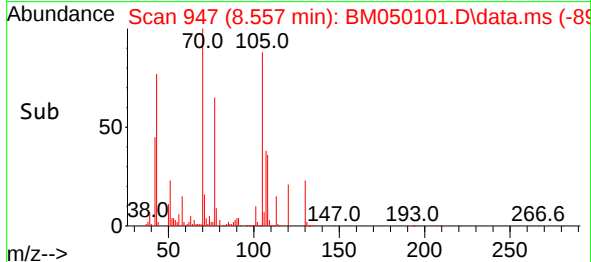
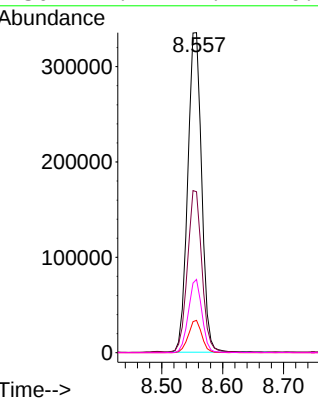
Ion Ratio Lower Upper

70 100

42 50.3 40.5 60.7

101 10.1 7.8 11.6

130 22.9 17.4 26.2



#20

3+4-Methylphenols

Concen: 44.148 ng

RT: 8.534 min Scan# 943

Delta R.T. -0.024 min

Lab File: BM050101.D

Acq: 05 May 2025 16:21

Tgt Ion: 107 Resp: 824981

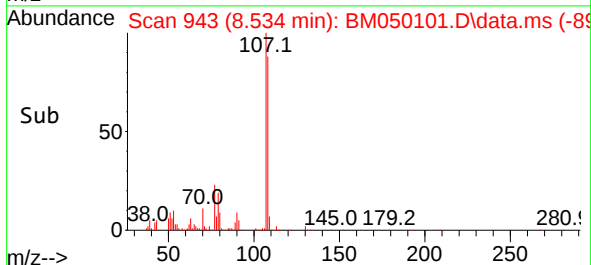
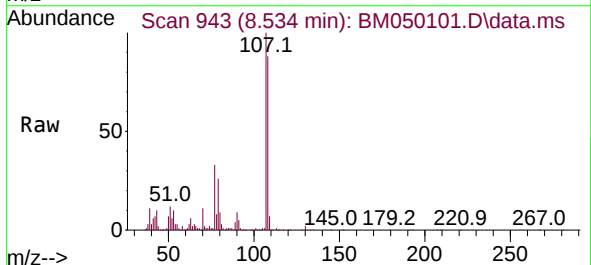
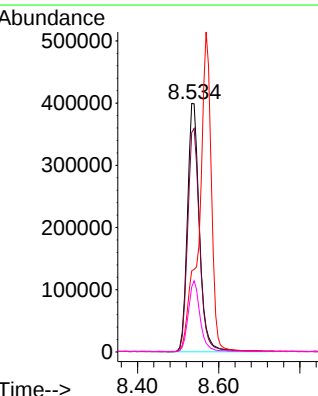
Ion Ratio Lower Upper

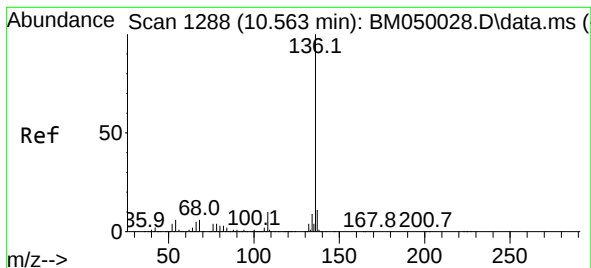
107 100

108 88.3 72.4 112.4

77 32.6 13.6 53.6

79 26.2 9.2 49.2

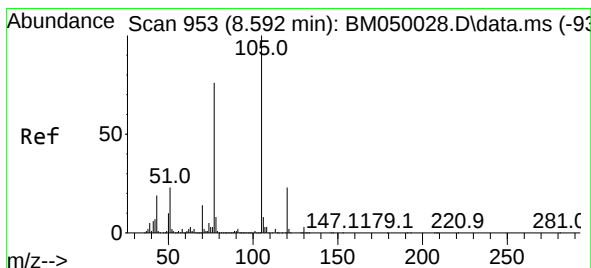
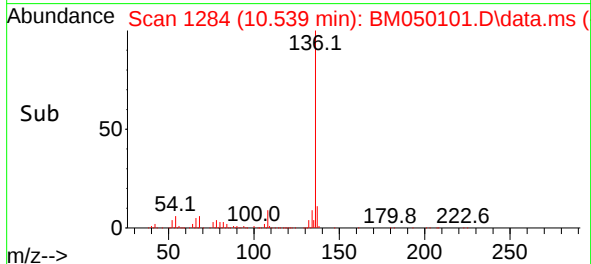
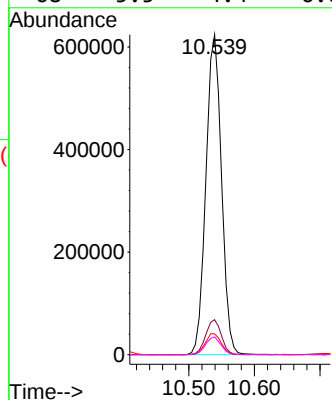
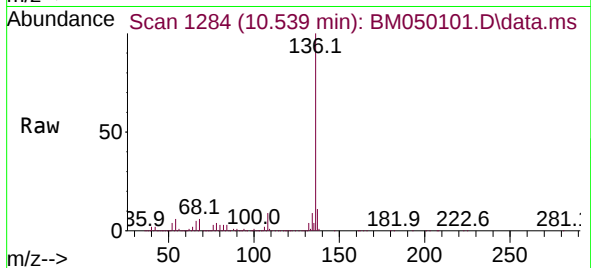




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

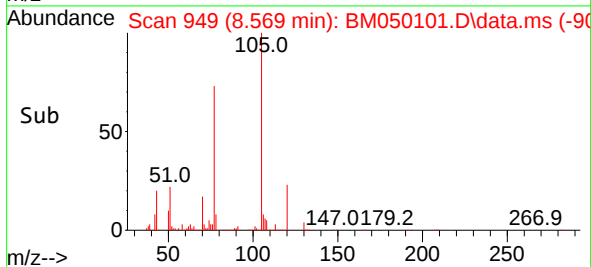
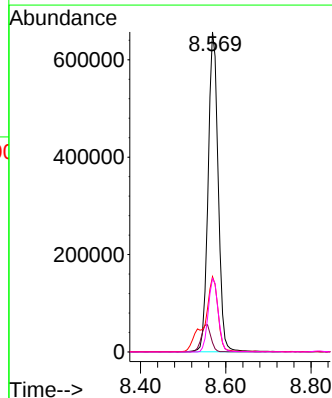
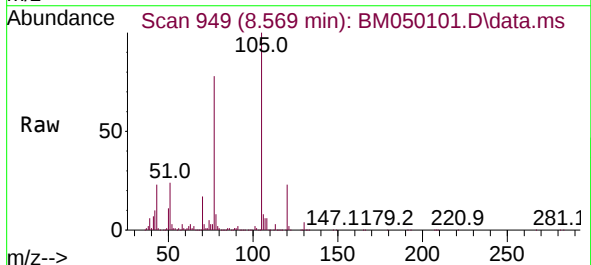
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ClientSampleId :
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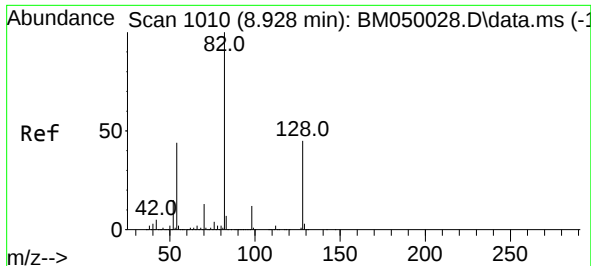
Tgt Ion:136 Resp: 1033172
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.5 5.1 7.7
68 5.5 4.4 6.6



#22
Acetophenone
Concen: 41.850 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:105 Resp: 1074980
Ion Ratio Lower Upper
105 100
71 2.9 1.7 2.5#
51 23.6 18.6 27.8
120 22.9 18.3 27.5

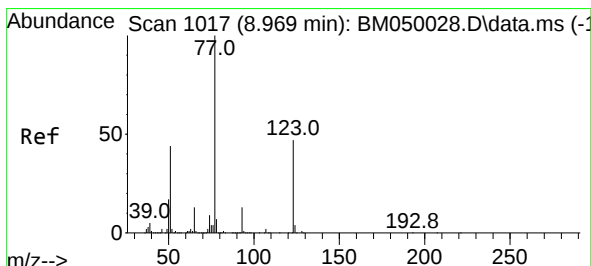
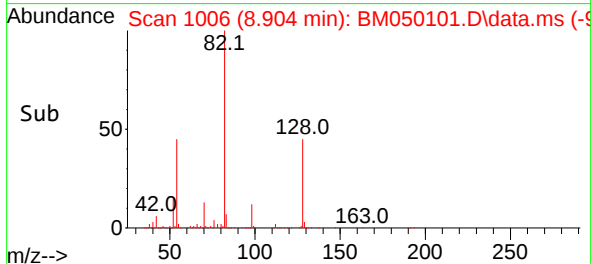
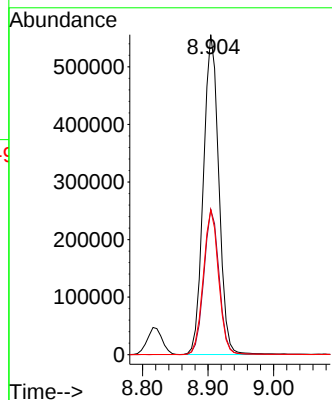
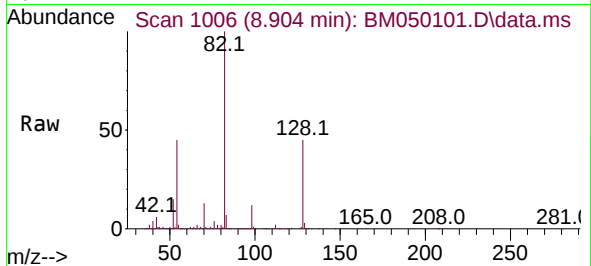




#23
Nitrobenzene-d5
Concen: 43.474 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

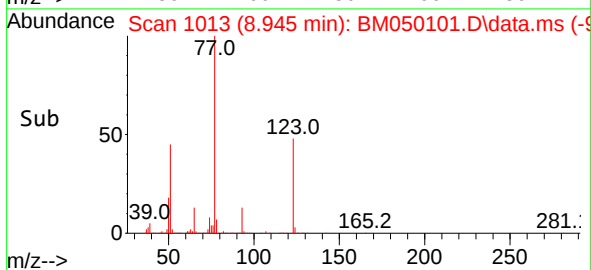
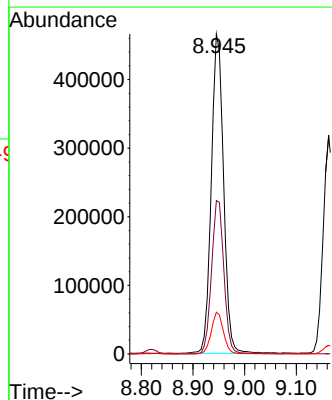
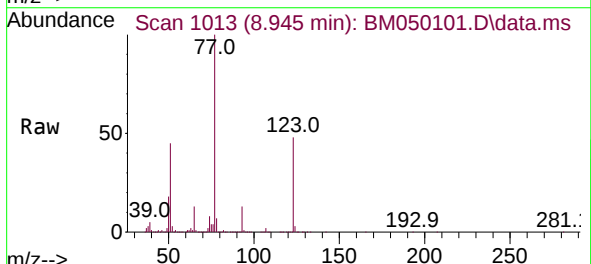
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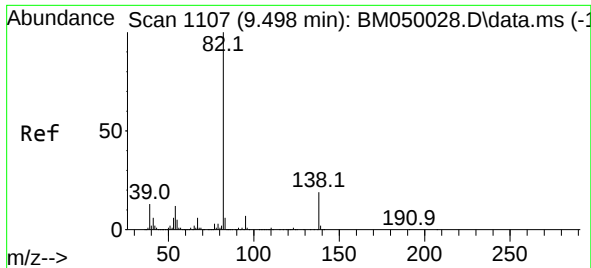
Tgt Ion: 82 Resp: 911507
Ion Ratio Lower Upper
82 100
128 45.4 35.7 53.5
54 45.2 35.4 53.2



#24
Nitrobenzene
Concen: 42.504 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion: 77 Resp: 770560
Ion Ratio Lower Upper
77 100
123 48.0 37.9 56.9
65 13.1 10.1 15.1

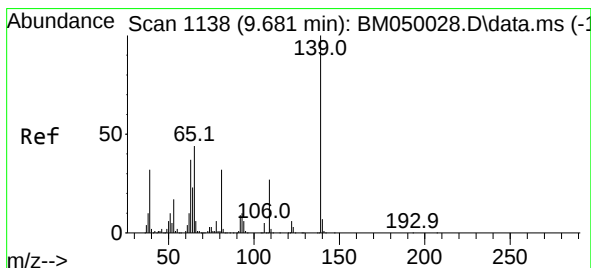
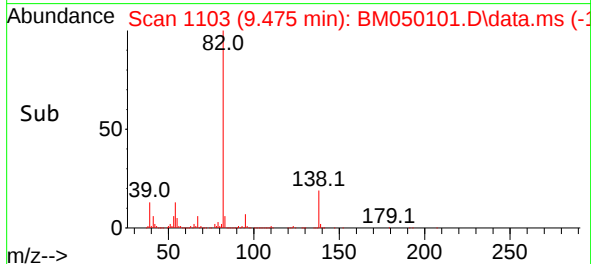
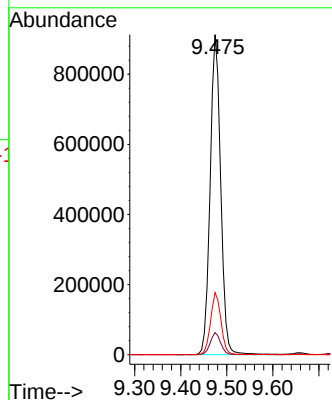
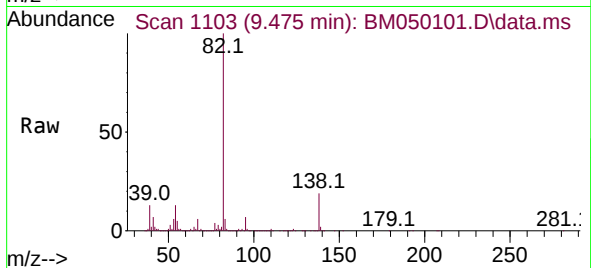




#25
Isophorone
Concen: 40.744 ng
RT: 9.475 min Scan# 1107
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

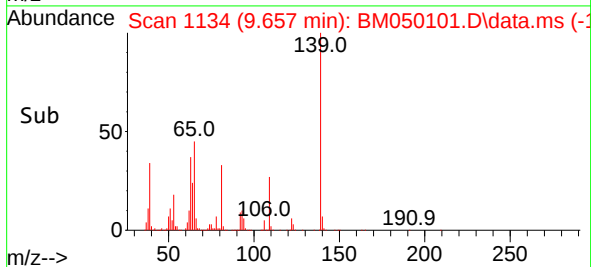
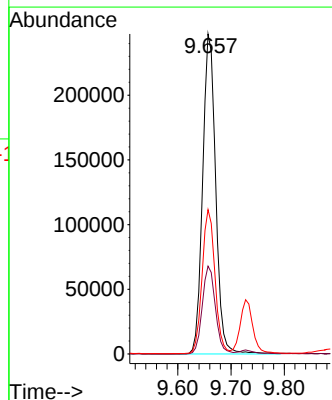
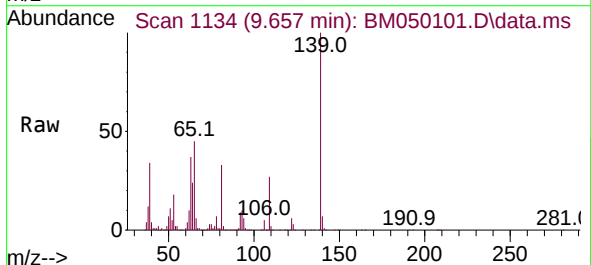
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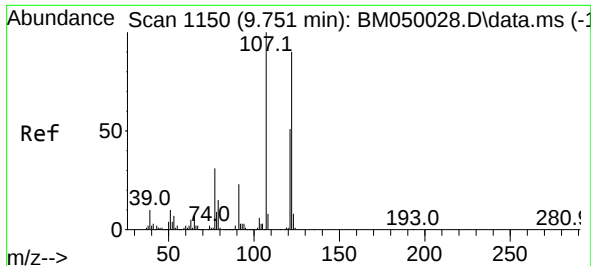
Tgt Ion: 82 Resp: 1456194
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 19.4 15.5 23.3



#26
2-Nitrophenol
Concen: 45.453 ng
RT: 9.657 min Scan# 1134
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:139 Resp: 420971
Ion Ratio Lower Upper
139 100
109 27.4 21.9 32.9
65 45.1 35.4 53.2

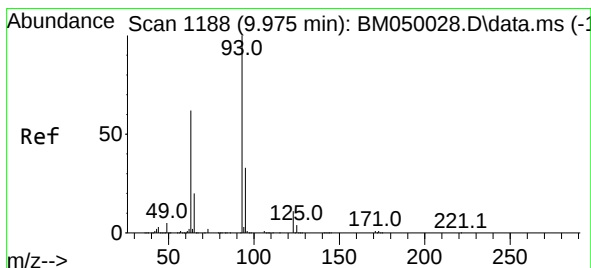
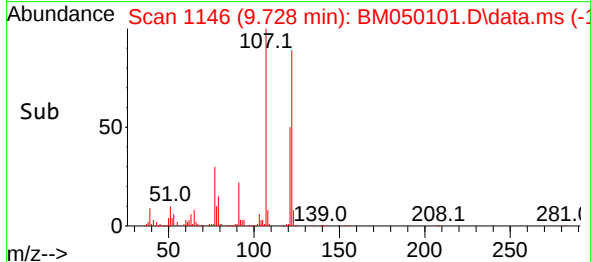
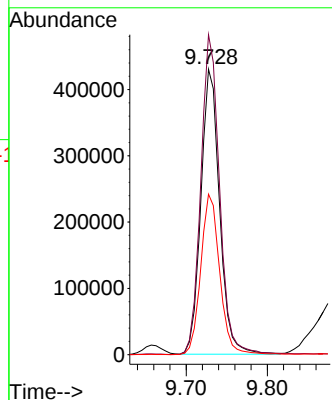
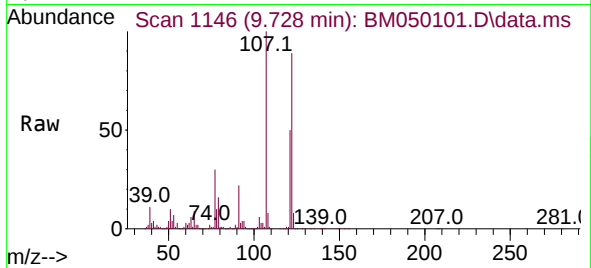




#27
2,4-Dimethylphenol
Concen: 44.785 ng
RT: 9.728 min Scan# 1146
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

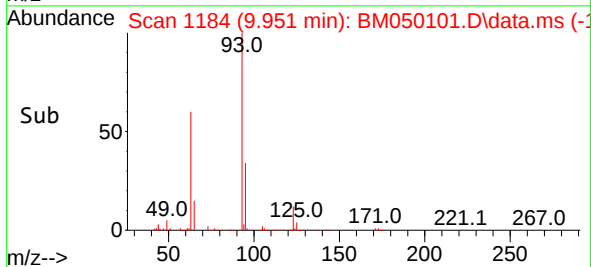
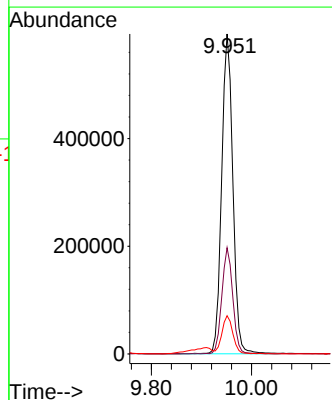
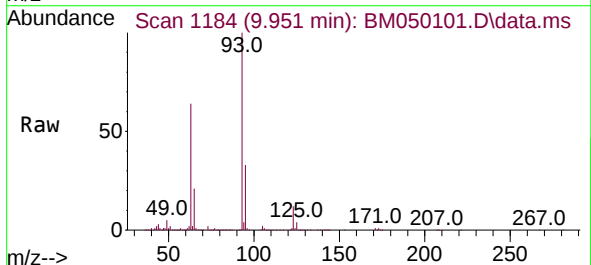
Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

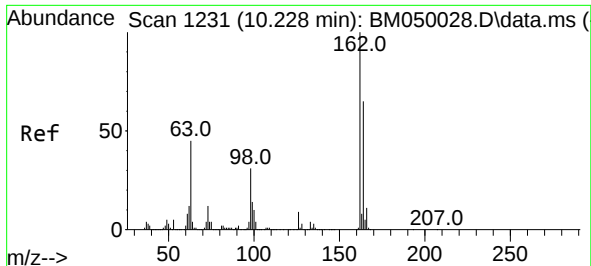
Tgt Ion:122 Resp: 687865
Ion Ratio Lower Upper
122 100
107 112.1 89.0 133.6
121 56.2 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.657 ng
RT: 9.951 min Scan# 1184
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion: 93 Resp: 920206
Ion Ratio Lower Upper
93 100
95 33.2 26.1 39.1
123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 45.292 ng

RT: 10.210 min Scan# 1228

Delta R.T. -0.018 min

Lab File: BM050101.D

Acq: 05 May 2025 16:21

Instrument :

BNA_M

ClientSampleId :

LARGE-PILE-CMS

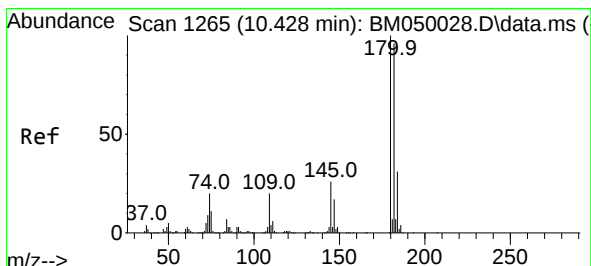
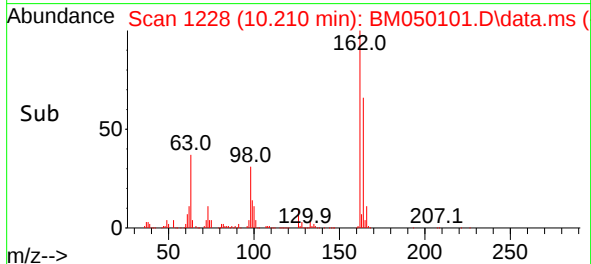
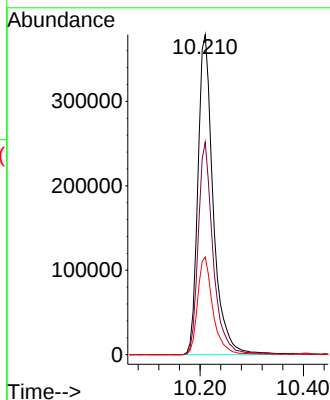
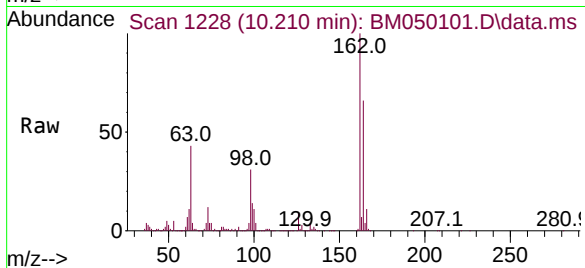
Tgt Ion:162 Resp: 779345

Ion Ratio Lower Upper

162 100

164 66.4 45.4 85.4

98 30.5 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 42.438 ng

RT: 10.404 min Scan# 1261

Delta R.T. -0.024 min

Lab File: BM050101.D

Acq: 05 May 2025 16:21

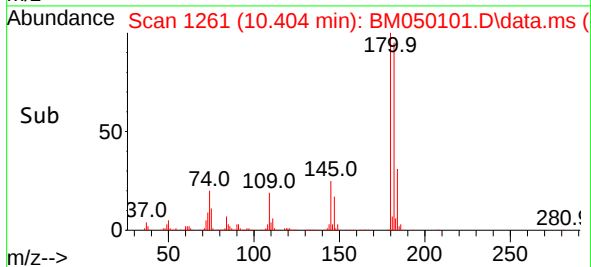
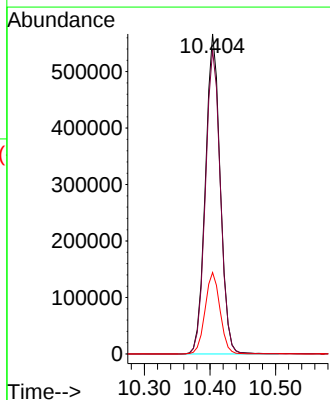
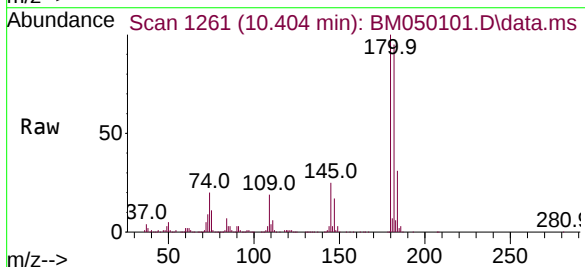
Tgt Ion:180 Resp: 889692

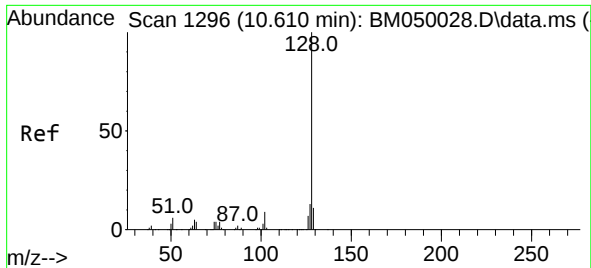
Ion Ratio Lower Upper

180 100

182 95.0 77.0 115.4

145 25.4 20.6 30.8

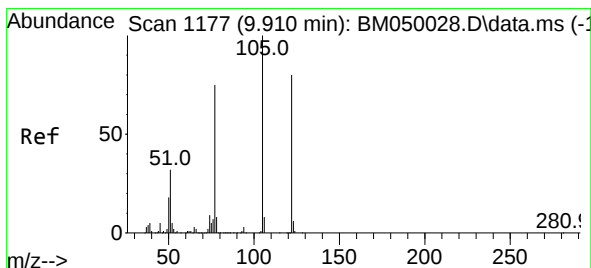
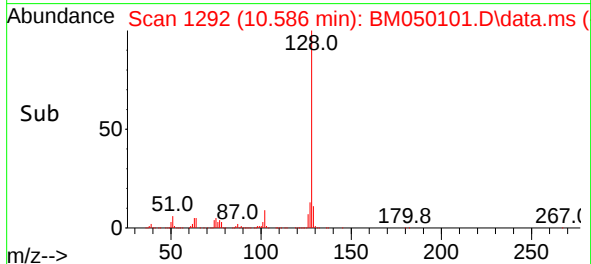
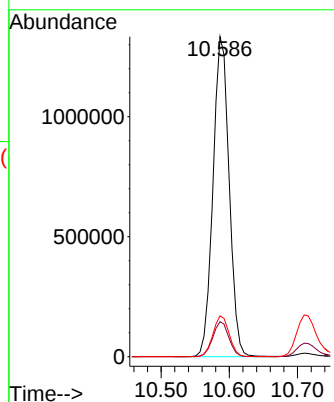
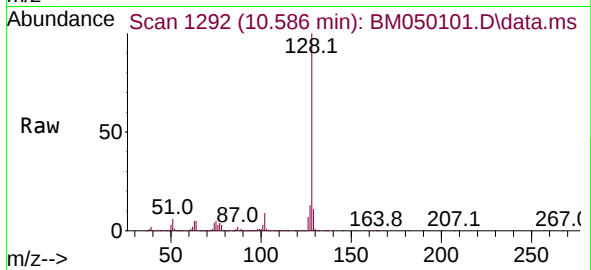




#31
Naphthalene
Concen: 41.943 ng
RT: 10.586 min Scan# 1296
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

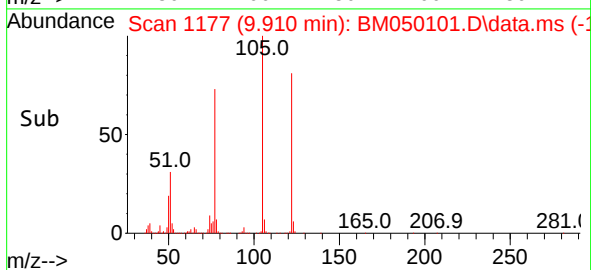
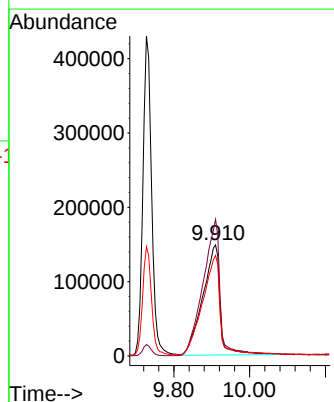
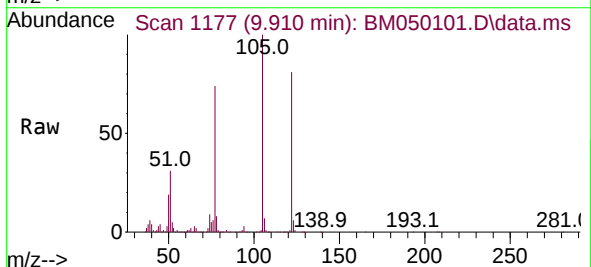
Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

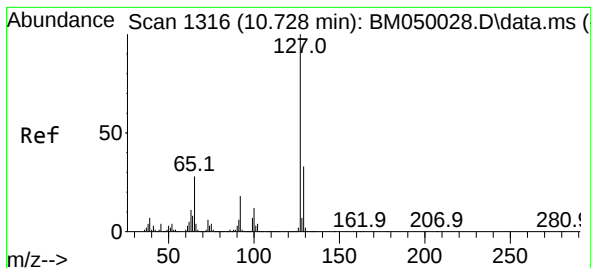
Tgt Ion:128 Resp: 2194562
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 48.243 ng
RT: 9.910 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:122 Resp: 473903
Ion Ratio Lower Upper
122 100
105 122.9 103.6 143.6
77 90.5 73.7 113.7

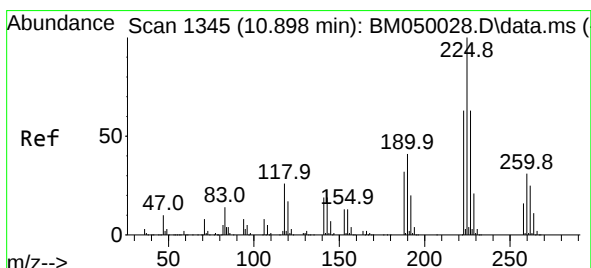
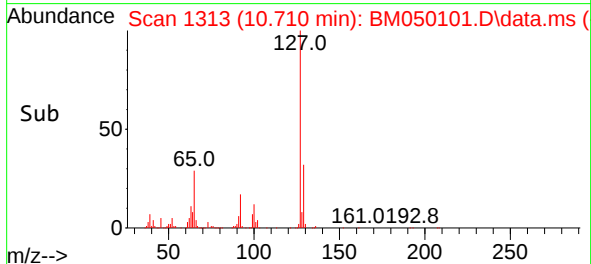
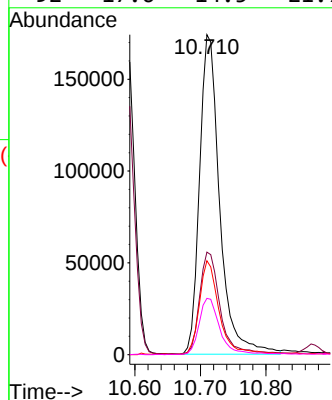
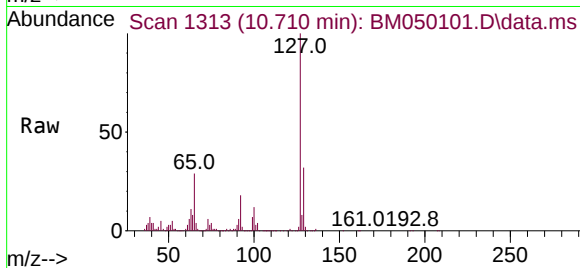




#33
4-Chloroaniline
Concen: 17.379 ng
RT: 10.710 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

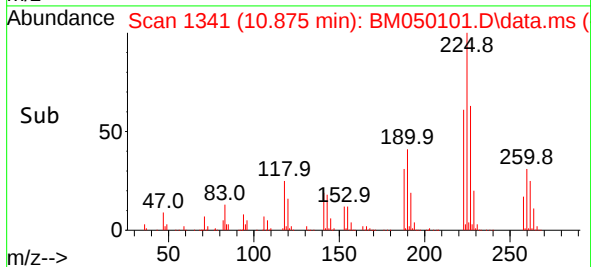
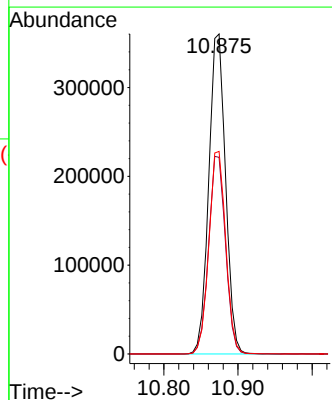
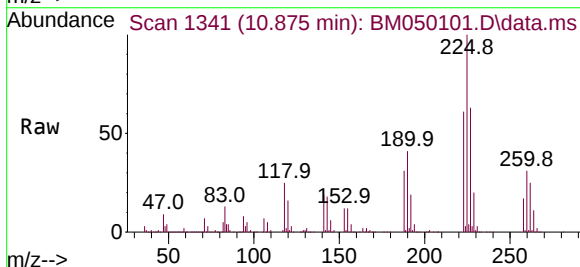
Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

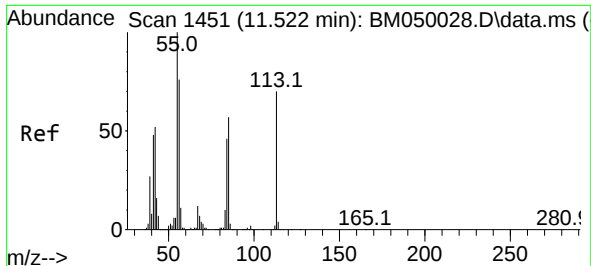
Tgt Ion:	127	Resp:	372713
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	29.4	22.5	33.7
92	17.6	14.5	21.7



#34
Hexachlorobutadiene
Concen: 42.609 ng
RT: 10.875 min Scan# 1341
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:	225	Resp:	567011
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.2	75.2
227	63.3	50.6	76.0

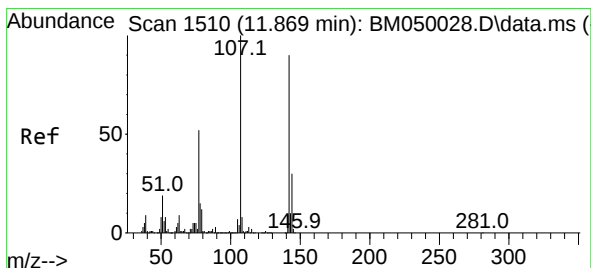
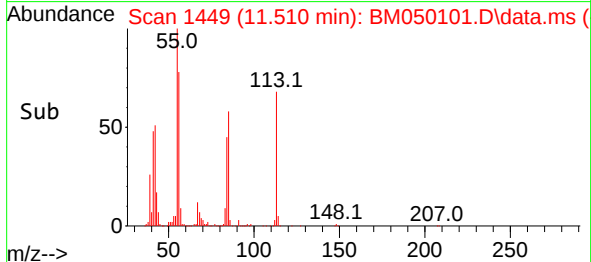
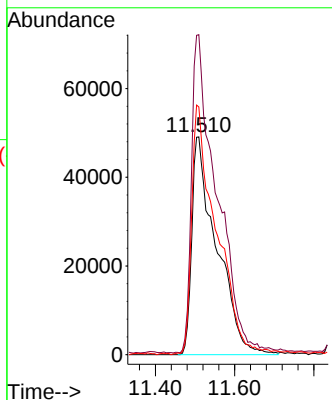
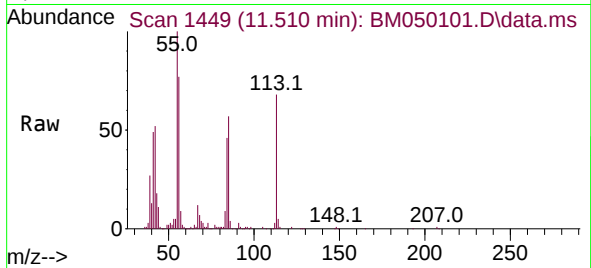




#35
Caprolactam
Concen: 42.286 ng
RT: 11.510 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

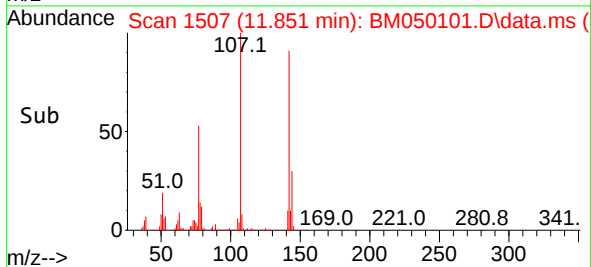
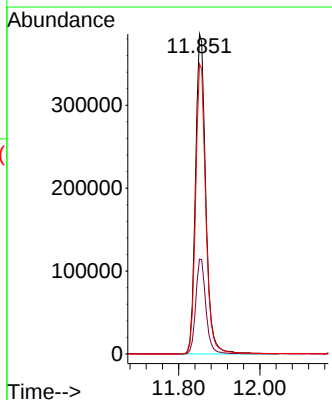
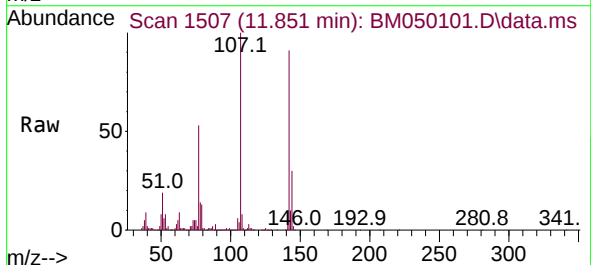
Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

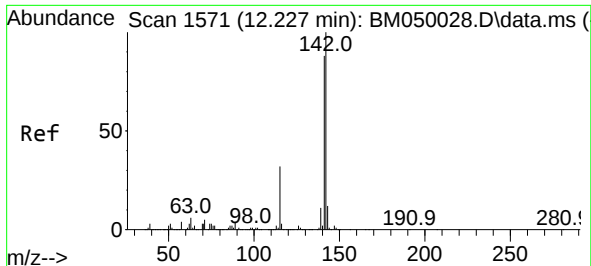
Tgt Ion:113 Resp: 212152
Ion Ratio Lower Upper
113 100
55 146.9 122.9 162.9
56 113.7 88.1 128.1



#36
4-Chloro-3-methylphenol
Concen: 43.036 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:107 Resp: 684151
Ion Ratio Lower Upper
107 100
144 29.7 23.8 35.6
142 90.7 71.9 107.9

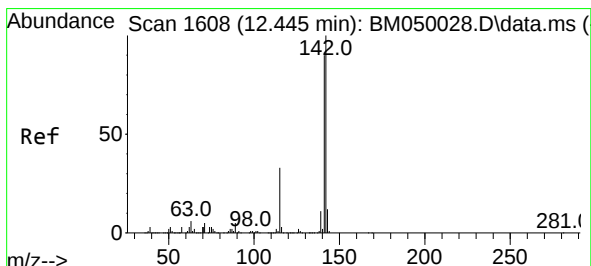
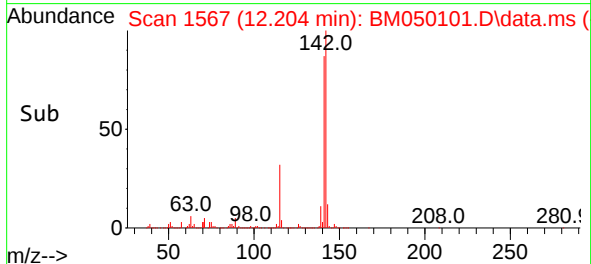
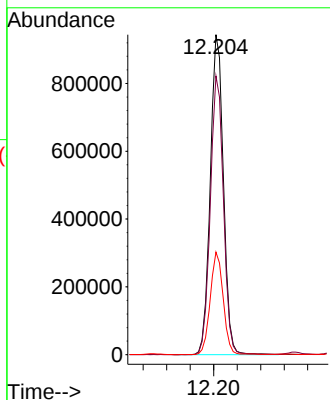
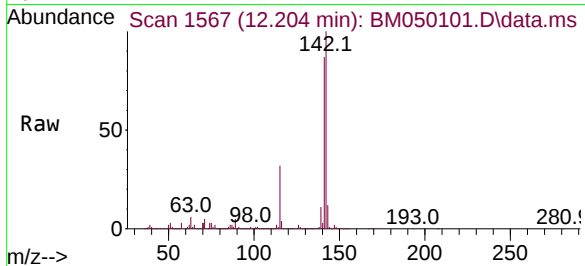




#37
2-Methylnaphthalene
Concen: 41.664 ng
RT: 12.204 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

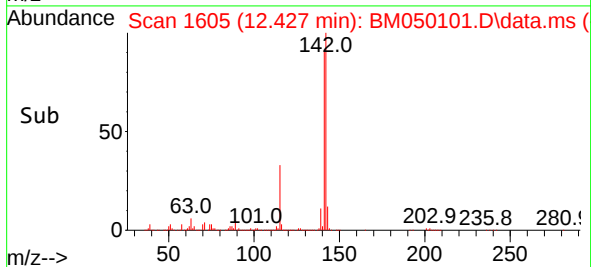
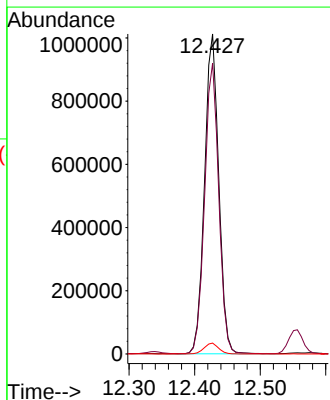
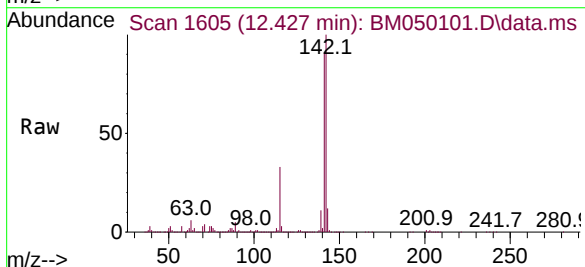
Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

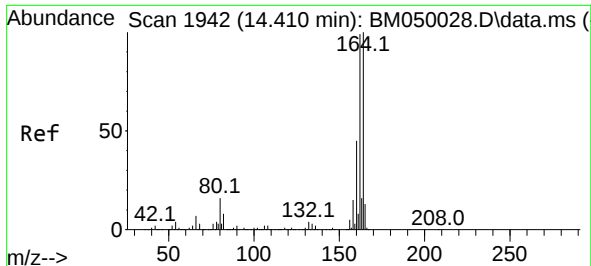
Tgt Ion:142 Resp: 1461550
Ion Ratio Lower Upper
142 100
141 87.1 70.4 105.6
115 32.0 25.4 38.2



#38
1-Methylnaphthalene
Concen: 41.079 ng
RT: 12.427 min Scan# 1605
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:142 Resp: 1525009
Ion Ratio Lower Upper
142 100
141 90.9 72.1 108.1
116 3.4 2.7 4.1

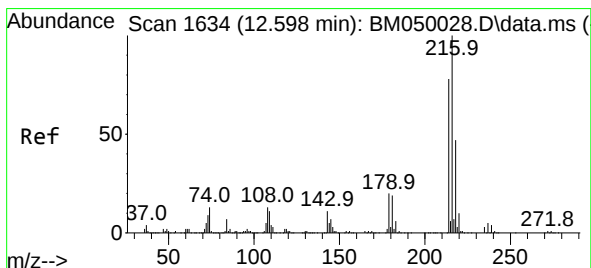
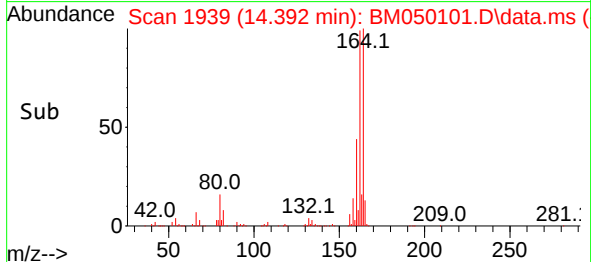
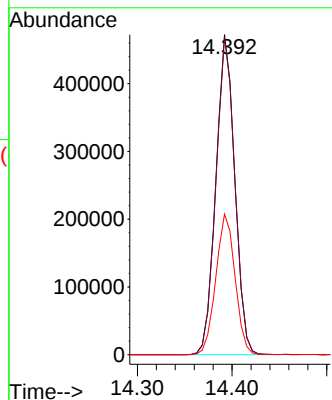
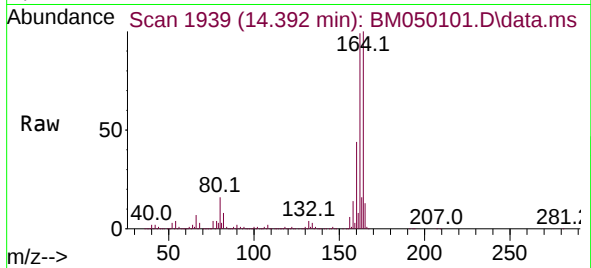




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

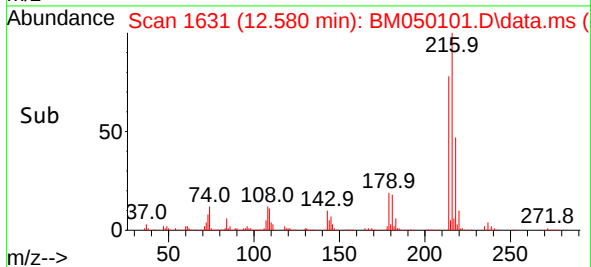
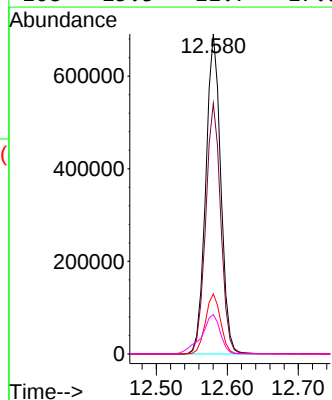
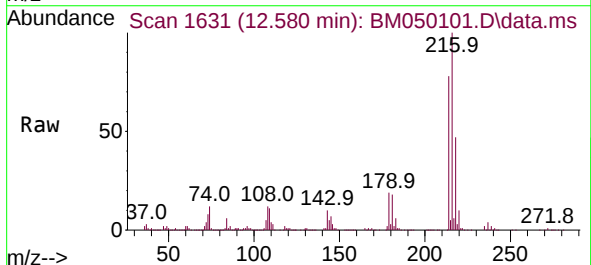
Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

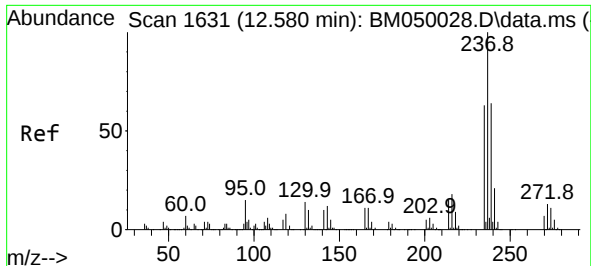
Tgt Ion:164 Resp: 655158
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.0
160 43.9 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.745 ng
RT: 12.580 min Scan# 1631
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

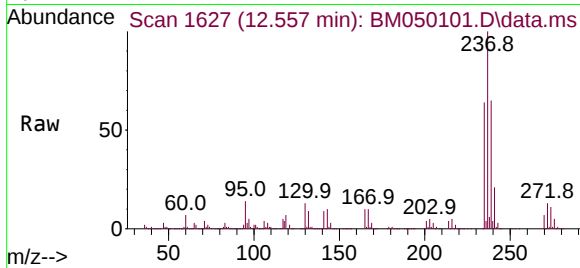
Tgt Ion:216 Resp: 1014802
Ion Ratio Lower Upper
216 100
214 78.6 62.3 93.5
179 19.0 15.4 23.0
108 15.5 11.7 17.5



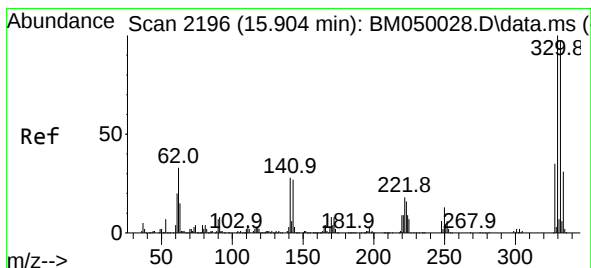
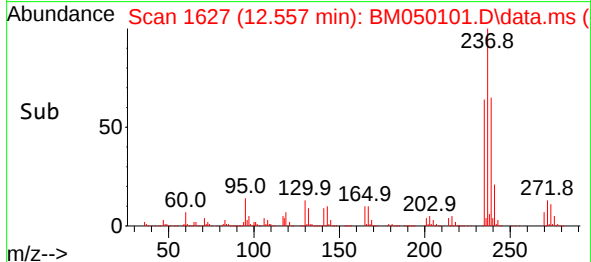
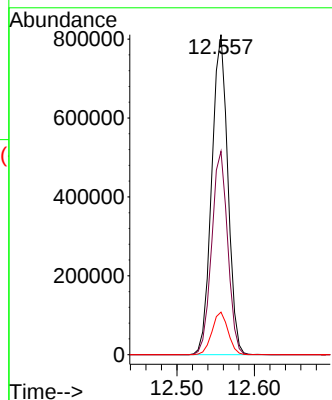


#41
Hexachlorocyclopentadiene
Concen: 84.429 ng
RT: 12.557 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

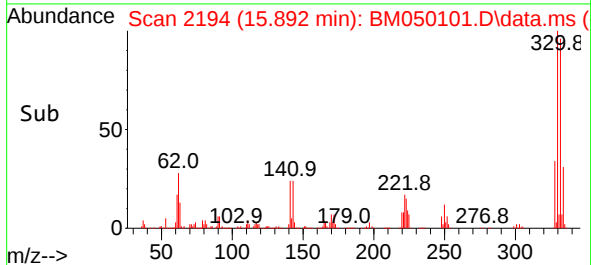
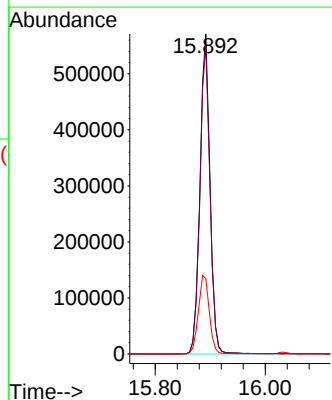
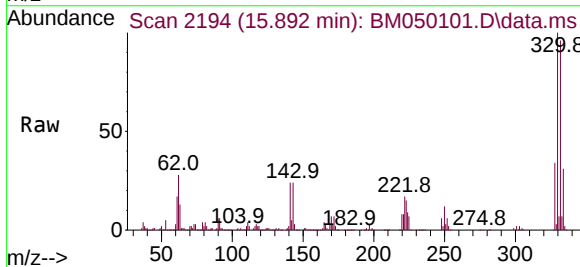


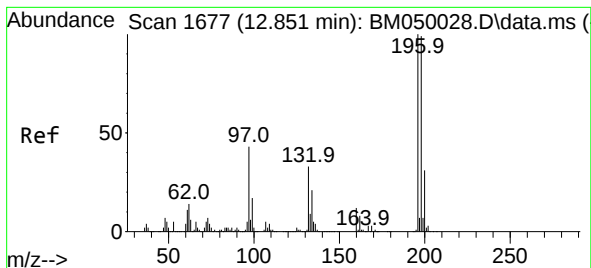
Tgt Ion:237 Resp: 1170193
Ion Ratio Lower Upper
237 100
235 63.6 42.9 82.9
272 13.3 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 75.041 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:330 Resp: 726955
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 26.7 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 46.492 ng

RT: 12.827 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM050101.D

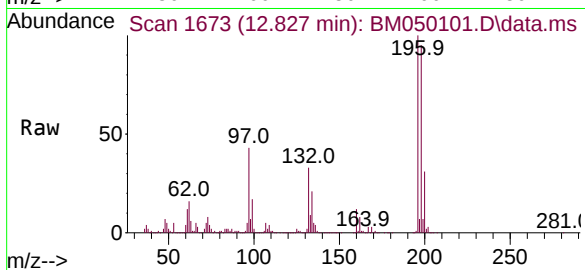
Acq: 05 May 2025 16:21

Instrument :

BNA_M

ClientSampleId :

LARGE-PILE-CMS



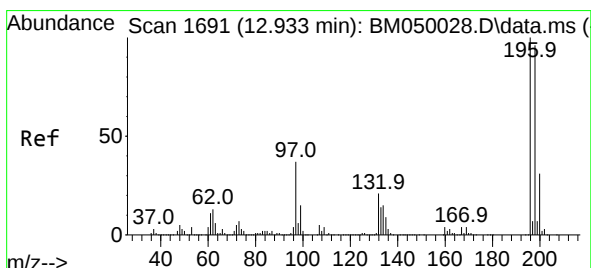
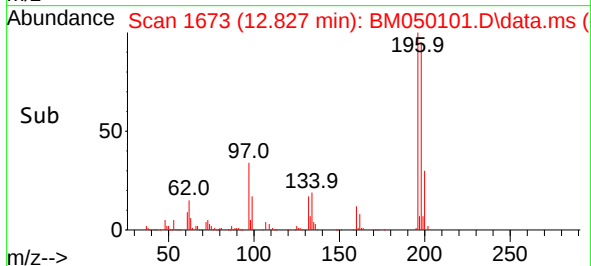
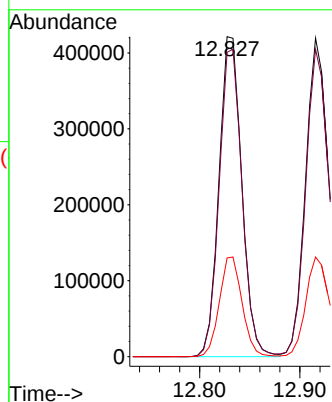
Tgt Ion:196 Resp: 668780

Ion Ratio Lower Upper

196 100

198 95.1 79.0 118.6

200 30.8 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 46.054 ng

RT: 12.916 min Scan# 1688

Delta R.T. -0.018 min

Lab File: BM050101.D

Acq: 05 May 2025 16:21

Tgt Ion:196 Resp: 714392

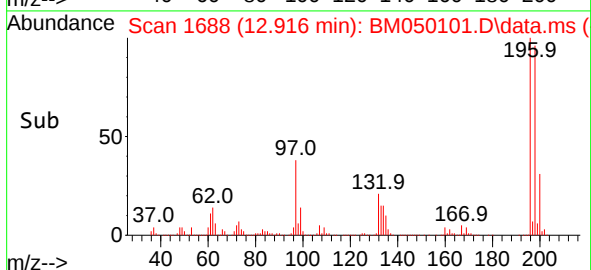
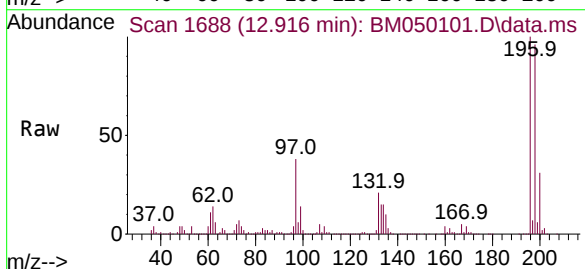
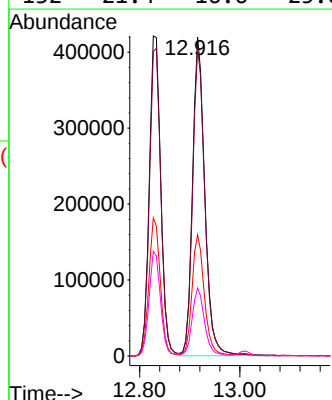
Ion Ratio Lower Upper

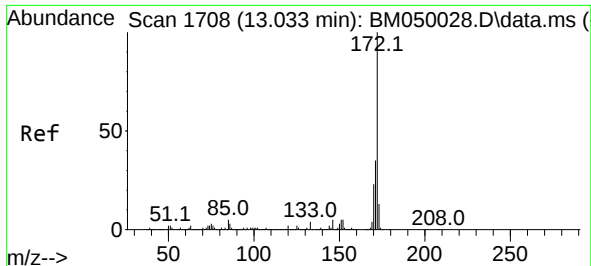
196 100

198 96.5 76.7 115.1

97 38.0 30.1 45.1

132 21.4 16.6 25.0

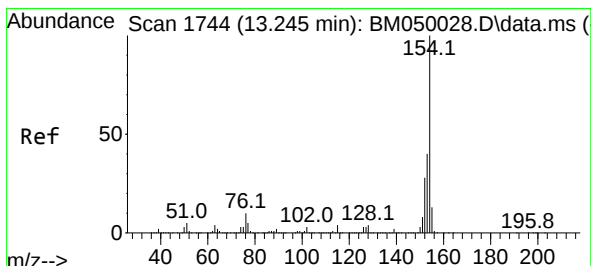
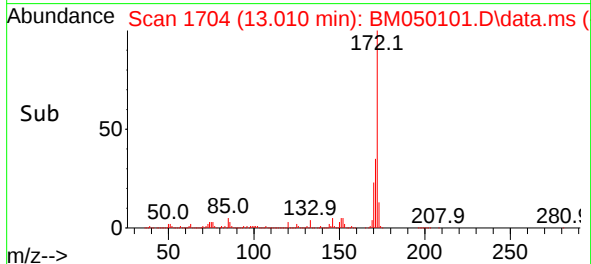
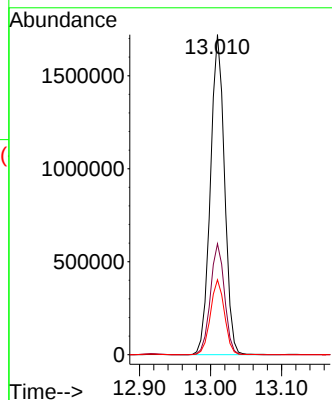
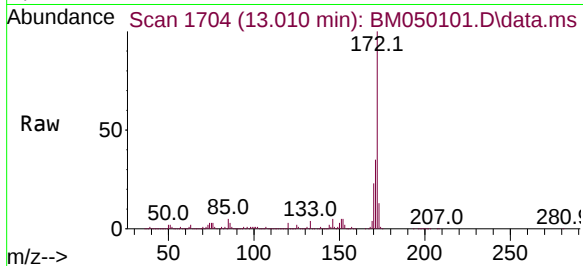




#45
2-Fluorobiphenyl
Concen: 43.028 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

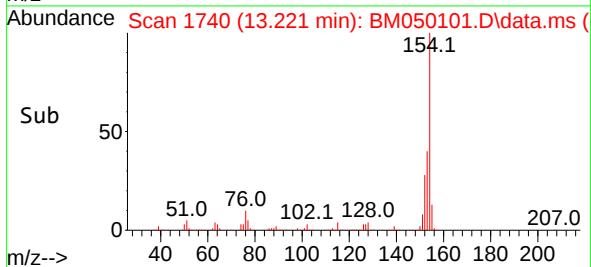
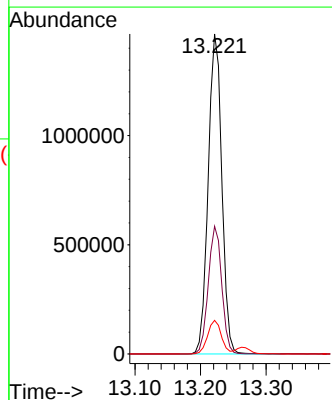
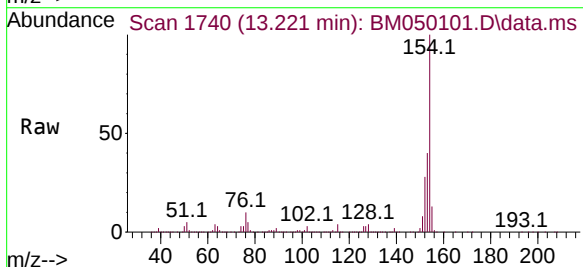
Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

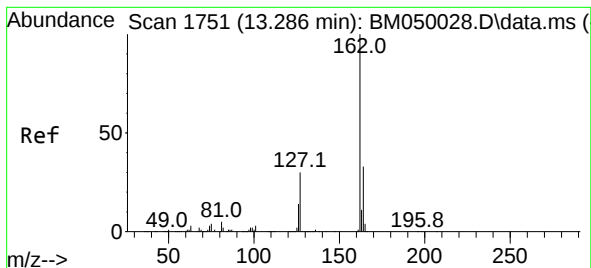
Tgt Ion:172 Resp: 2382973
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 43.525 ng
RT: 13.221 min Scan# 1740
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:154 Resp: 2119703
Ion Ratio Lower Upper
154 100
153 39.9 20.0 60.0
76 10.5 0.0 30.3





#47

2-Chloronaphthalene

Concen: 43.613 ng

RT: 13.263 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM050101.D

Acq: 05 May 2025 16:21

Instrument :

BNA_M

ClientSampleId :

LARGE-PILE-CMS

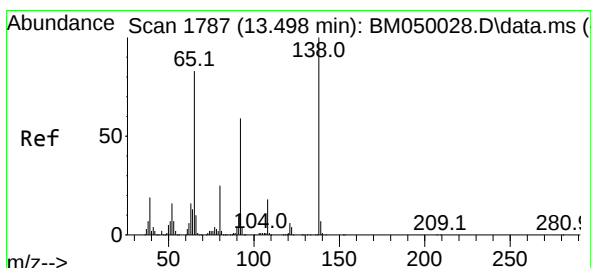
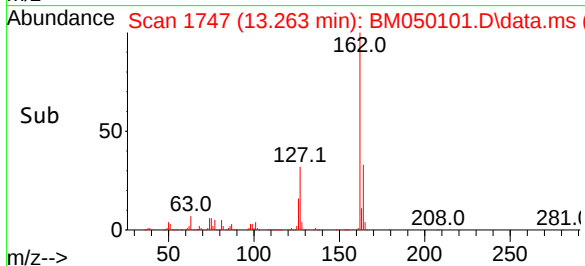
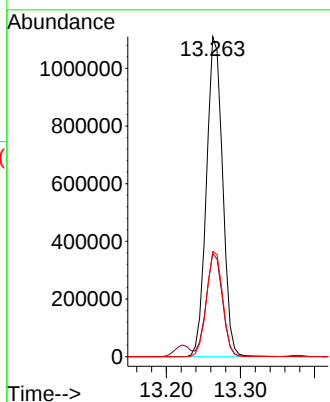
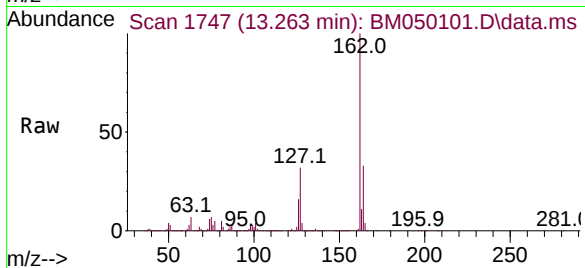
Tgt Ion:162 Resp: 1682226

Ion Ratio Lower Upper

162 100

127 32.3 25.9 38.9

164 32.9 26.6 40.0



#48

2-Nitroaniline

Concen: 45.305 ng

RT: 13.480 min Scan# 1784

Delta R.T. -0.018 min

Lab File: BM050101.D

Acq: 05 May 2025 16:21

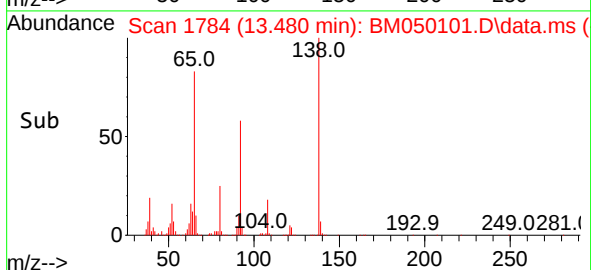
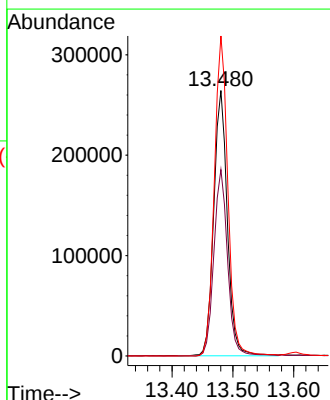
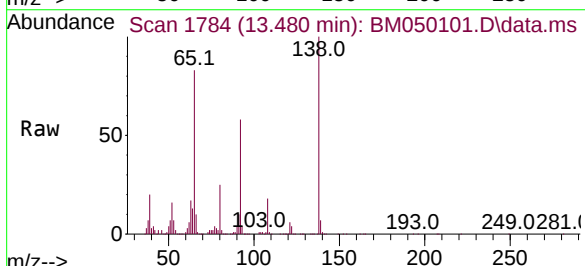
Tgt Ion: 65 Resp: 410137

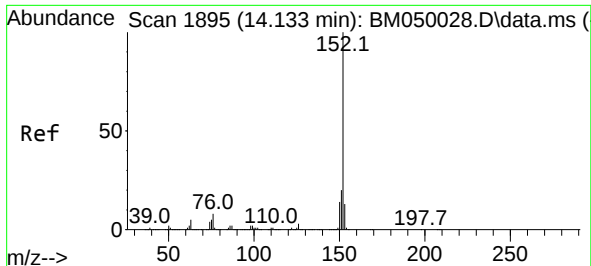
Ion Ratio Lower Upper

65 100

92 70.2 57.1 85.7

138 120.6 97.0 145.4

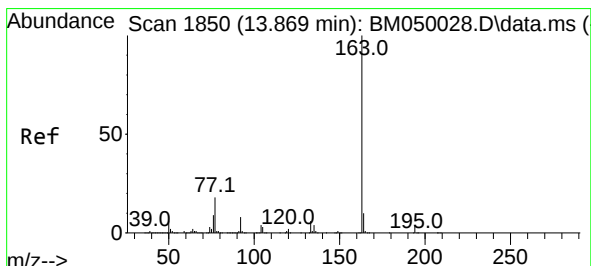
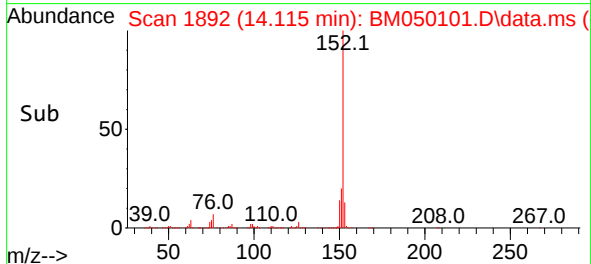
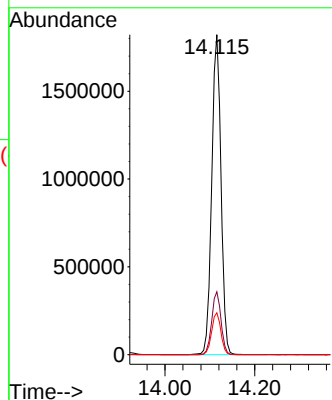
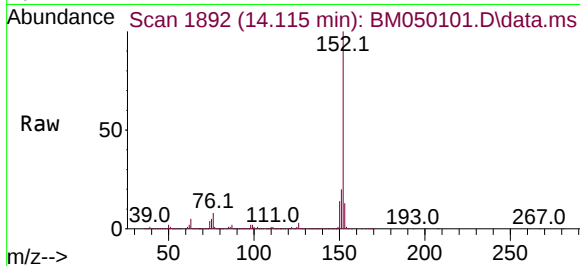




#49
Acenaphthylene
Concen: 42.873 ng
RT: 14.115 min Scan# 1892
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

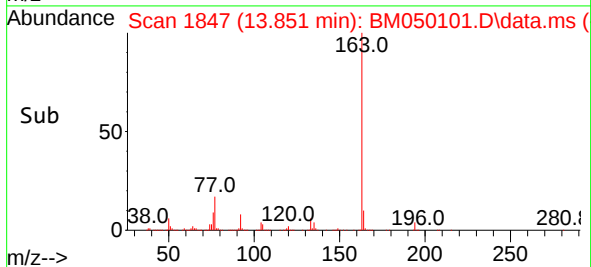
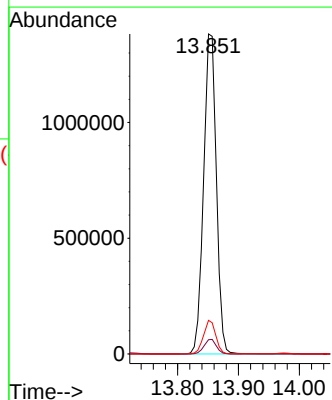
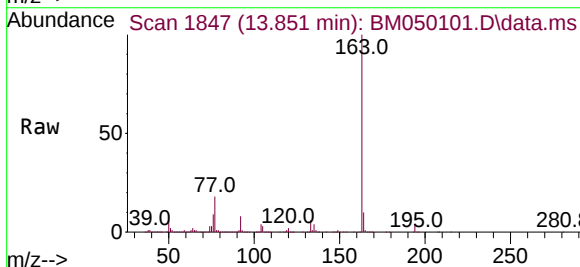
Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

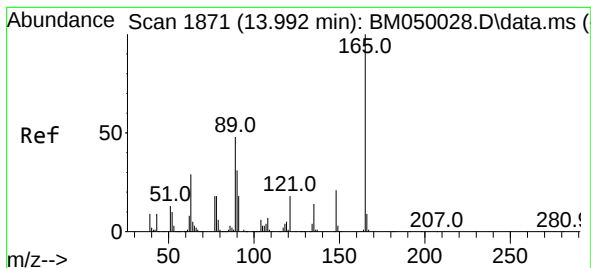
Tgt Ion:152 Resp: 2607333
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 41.950 ng
RT: 13.851 min Scan# 1847
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:163 Resp: 2008543
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.5 8.2 12.2

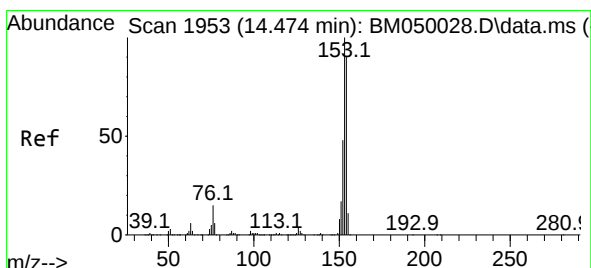
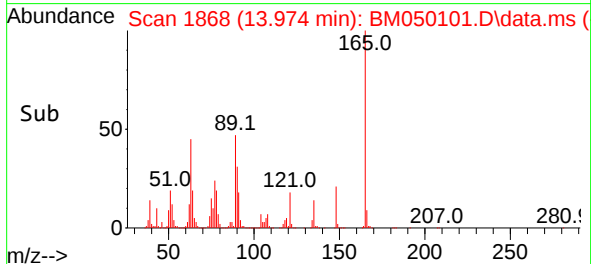
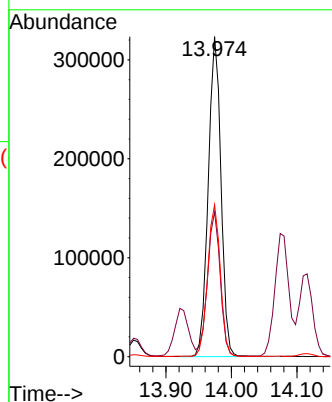
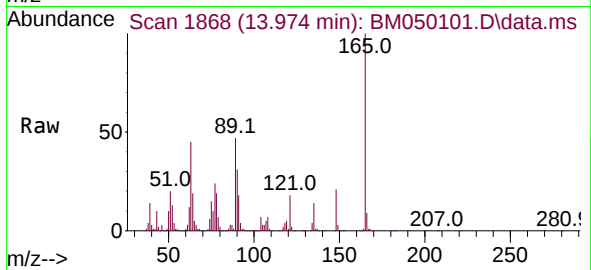




#51
2,6-Dinitrotoluene
Concen: 44.061 ng
RT: 13.974 min Scan# 1868
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

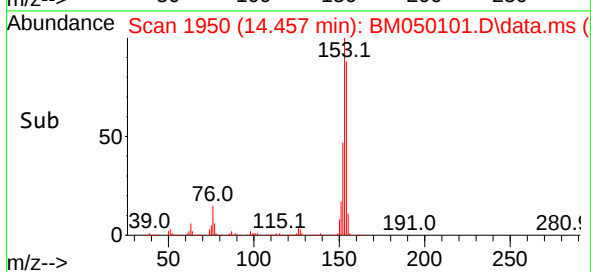
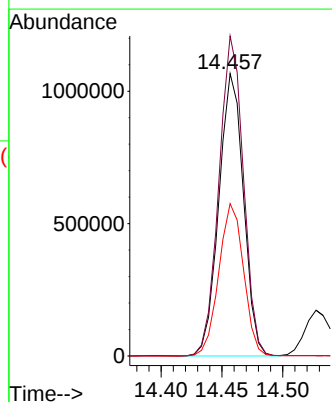
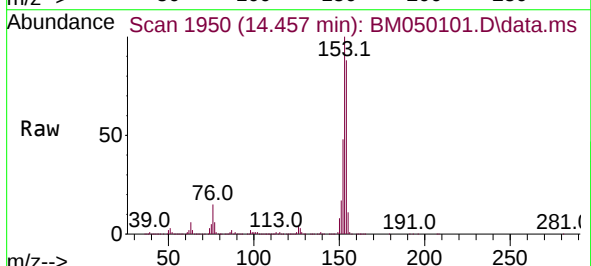
Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

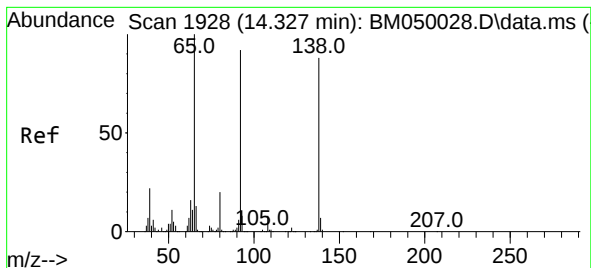
Tgt Ion:165 Resp: 436791
Ion Ratio Lower Upper
165 100
63 45.3 35.1 52.7
89 47.4 38.4 57.6



#52
Acenaphthene
Concen: 42.700 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:154 Resp: 1503119
Ion Ratio Lower Upper
154 100
153 113.3 89.0 133.4
152 53.9 43.0 64.6

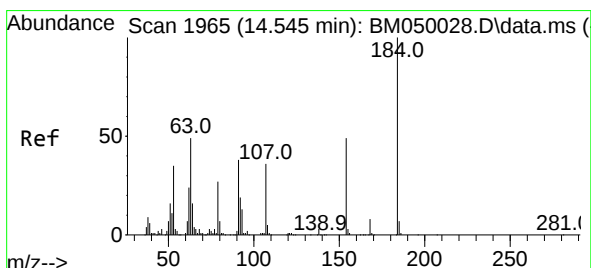
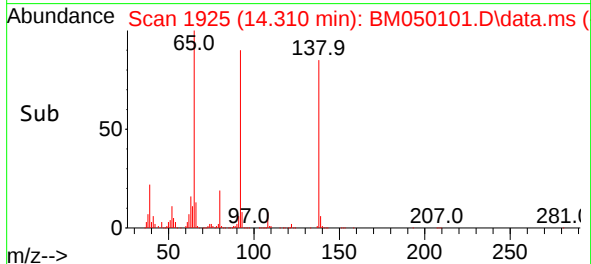
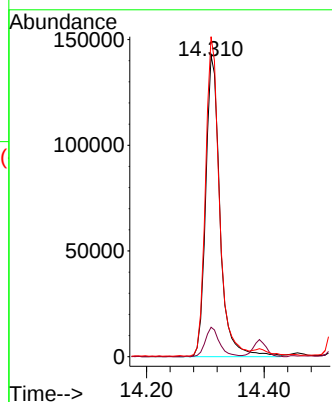
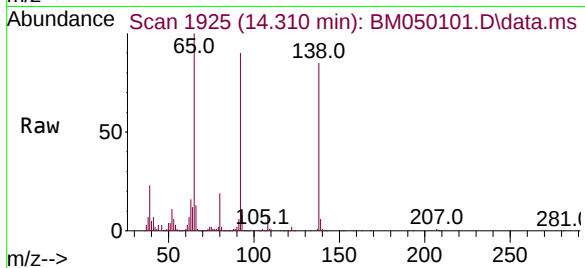




#53
3-Nitroaniline
Concen: 25.431 ng
RT: 14.310 min Scan# 1925
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

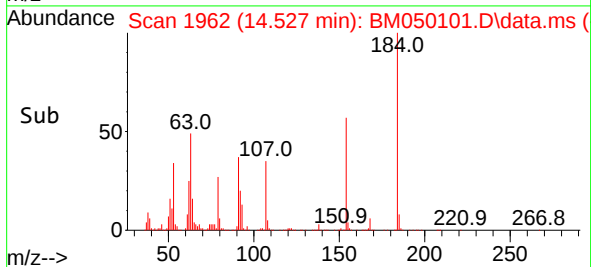
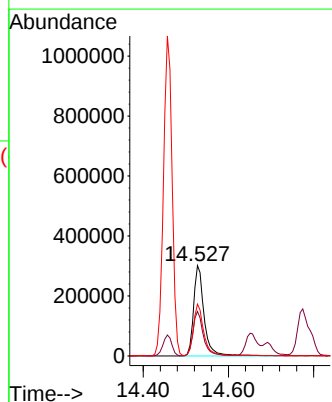
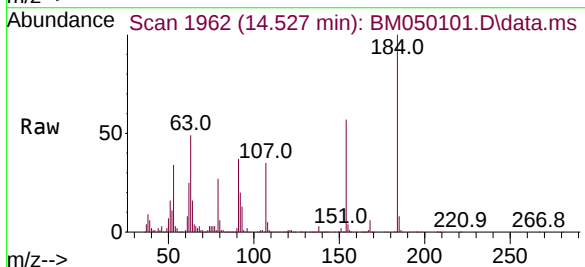
Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

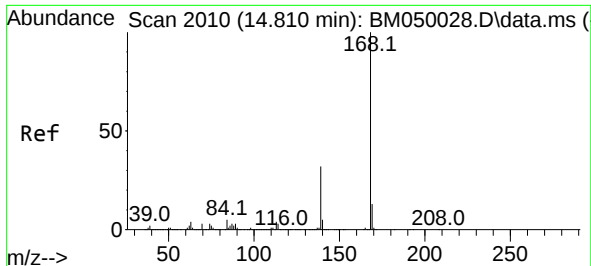
Tgt Ion:138 Resp: 240688
Ion Ratio Lower Upper
138 100
108 9.8 7.4 11.2
92 106.3 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 81.228 ng
RT: 14.527 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:184 Resp: 515925
Ion Ratio Lower Upper
184 100
63 49.2 39.8 59.6
154 57.3 46.1 69.1

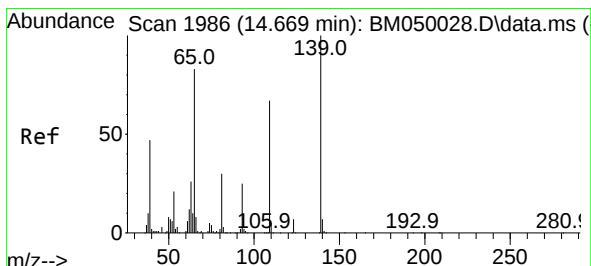
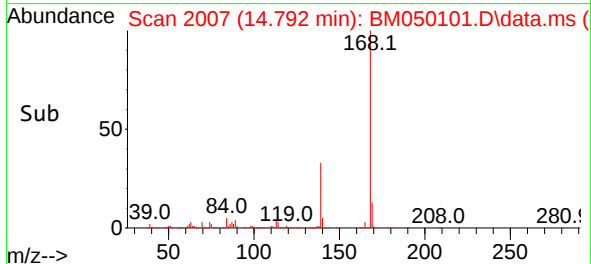
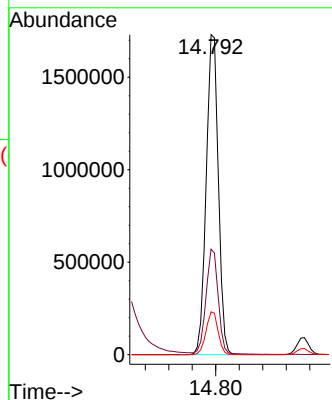
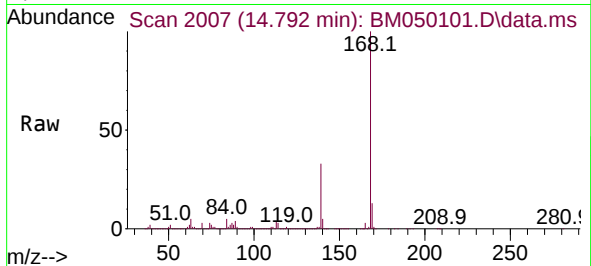




#55
Dibenzofuran
Concen: 42.175 ng
RT: 14.792 min Scan# 2010
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

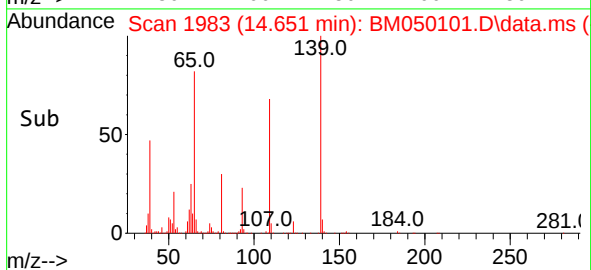
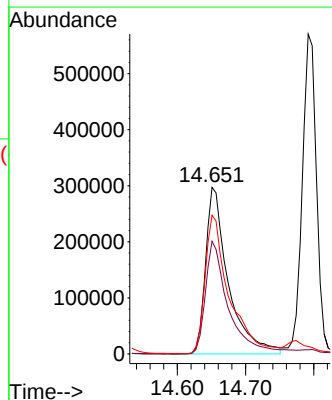
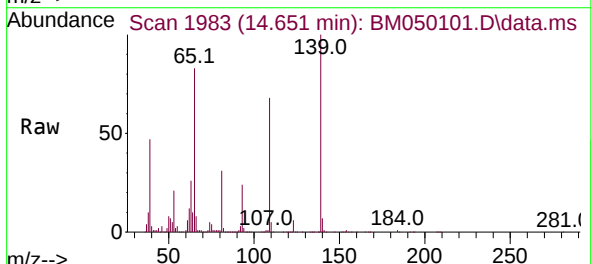
Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

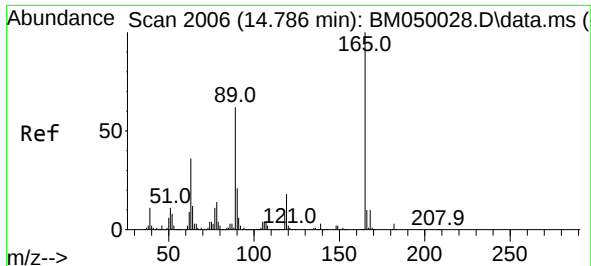
Tgt Ion:168 Resp: 2470123
Ion Ratio Lower Upper
168 100
139 33.0 26.1 39.1
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 89.330 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:139 Resp: 692129
Ion Ratio Lower Upper
139 100
109 67.6 47.0 87.0
65 83.3 64.3 104.3

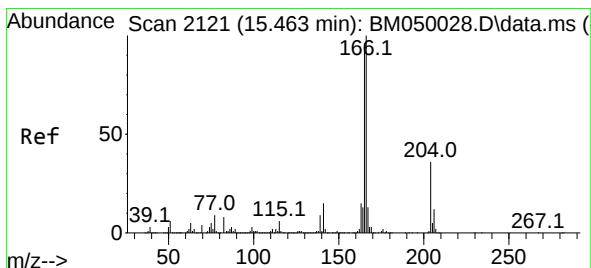
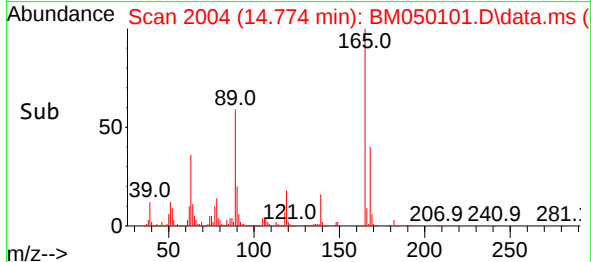
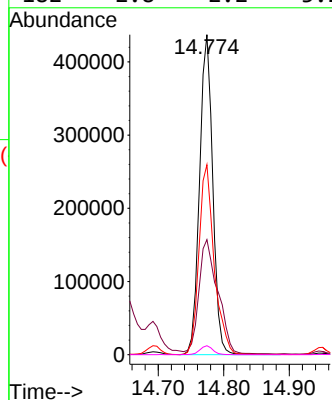
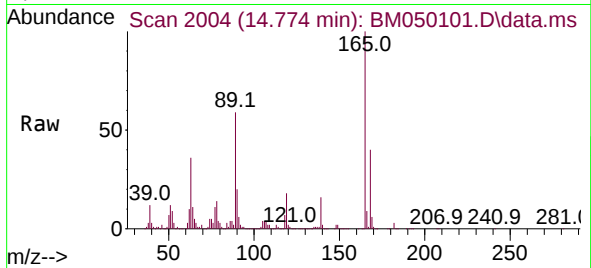




#57
2,4-Dinitrotoluene
Concen: 44.730 ng
RT: 14.774 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

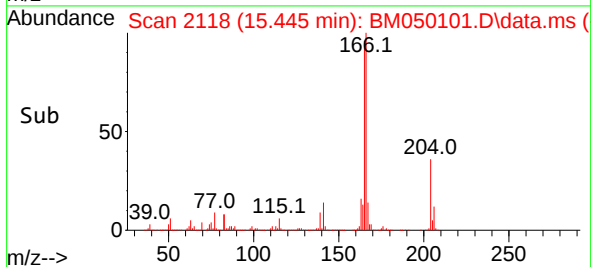
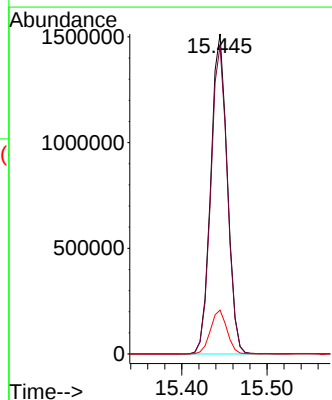
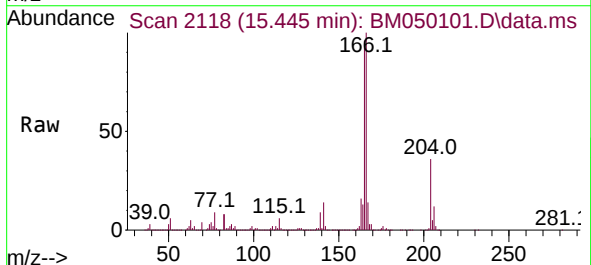
Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

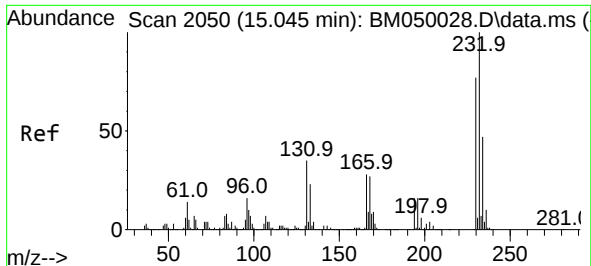
Tgt Ion:165 Resp: 612717
Ion Ratio Lower Upper
165 100
63 35.9 29.0 43.6
89 59.4 49.4 74.2
182 2.8 2.2 3.2



#58
Fluorene
Concen: 42.517 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

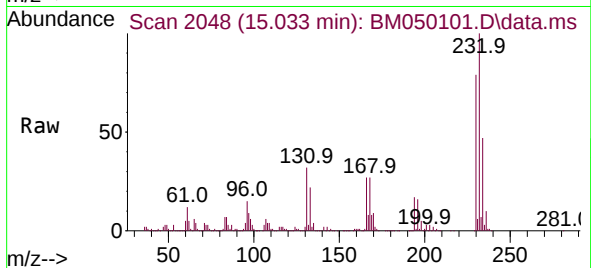
Tgt Ion:166 Resp: 2038230
Ion Ratio Lower Upper
166 100
165 96.2 76.6 115.0
167 13.7 10.6 16.0



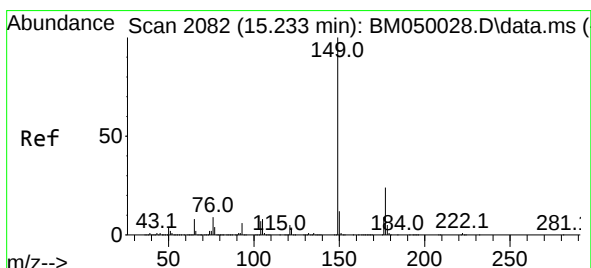
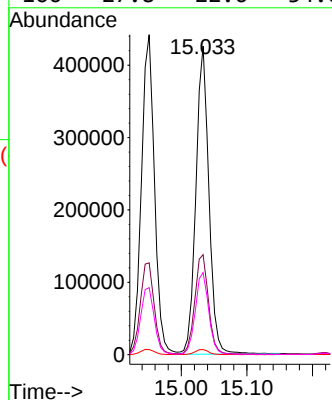
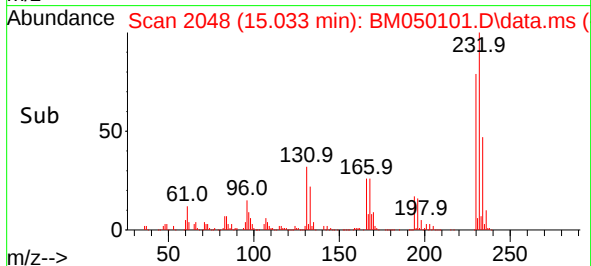


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.774 ng
RT: 15.033 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

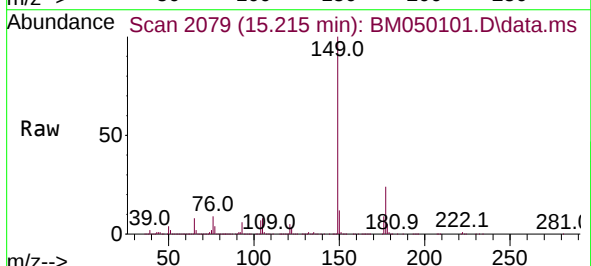
Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS



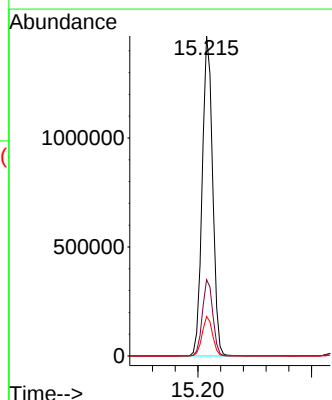
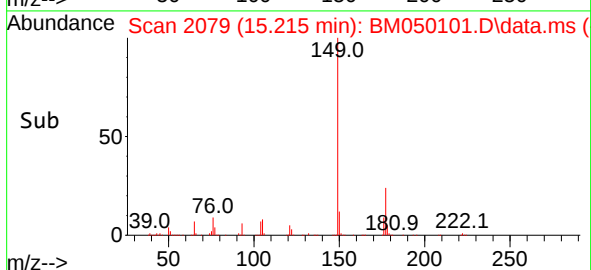
Tgt Ion:232 Resp: 587763
Ion Ratio Lower Upper
232 100
131 34.4 28.2 42.4
130 1.7 1.5 2.3
166 27.8 22.6 34.0

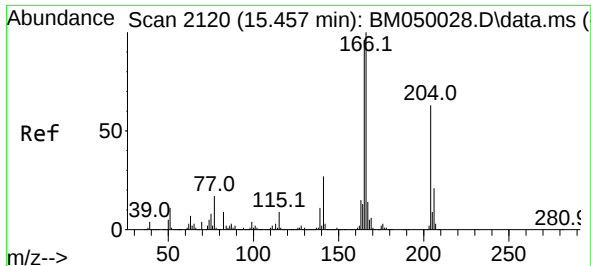


#60
Diethylphthalate
Concen: 41.441 ng
RT: 15.215 min Scan# 2079
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21



Tgt Ion:149 Resp: 1869621
Ion Ratio Lower Upper
149 100
177 23.9 19.1 28.7
150 12.3 9.6 14.4

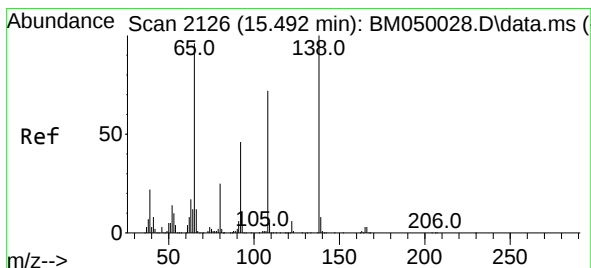
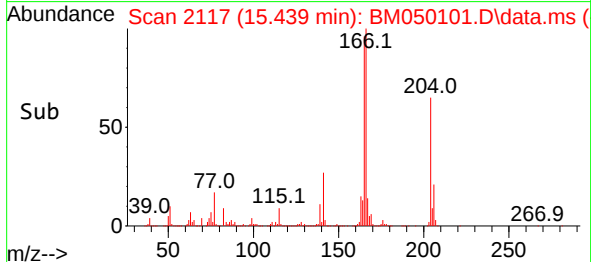
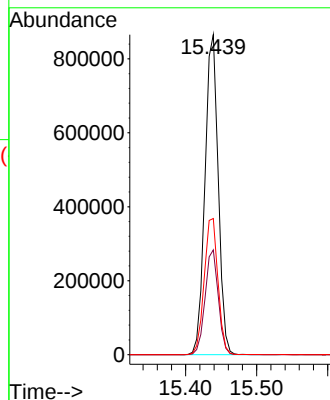
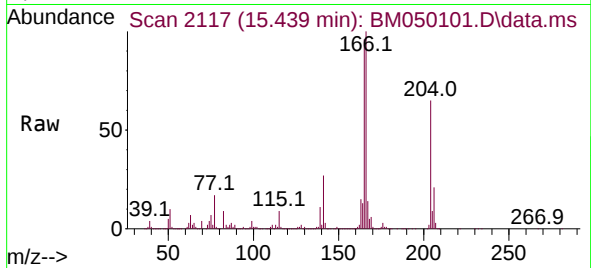




#61
4-Chlorophenyl-phenylether
Concen: 42.701 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

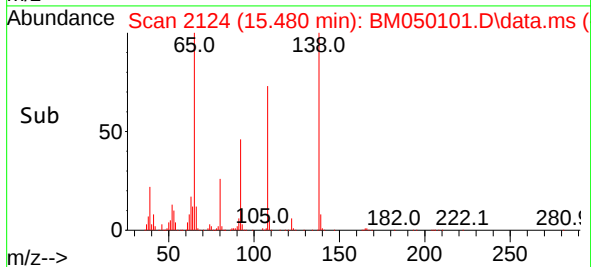
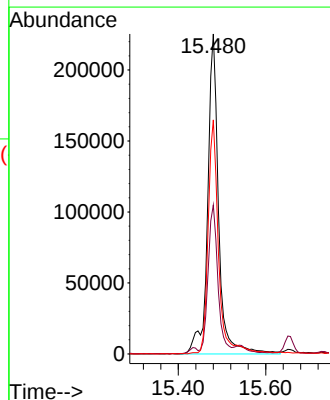
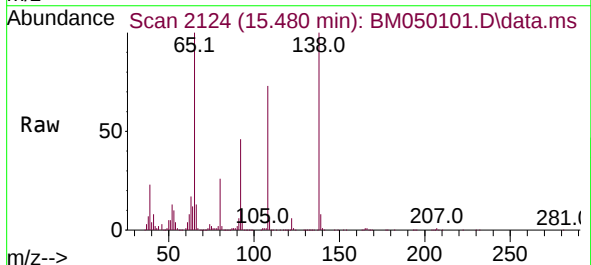
Instrument :
BNA_M
ClientSampleId :
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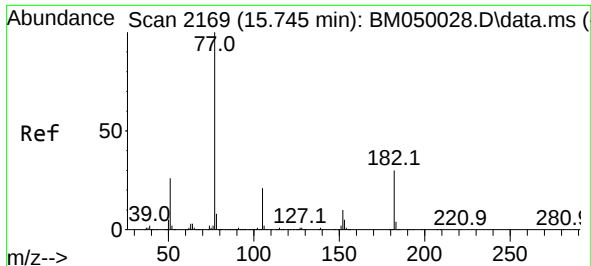
Tgt Ion:204 Resp: 1124376
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 42.5 34.0 51.0



#62
4-Nitroaniline
Concen: 43.165 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:138 Resp: 394156
Ion Ratio Lower Upper
138 100
92 46.6 25.9 65.9
108 73.1 52.4 92.4

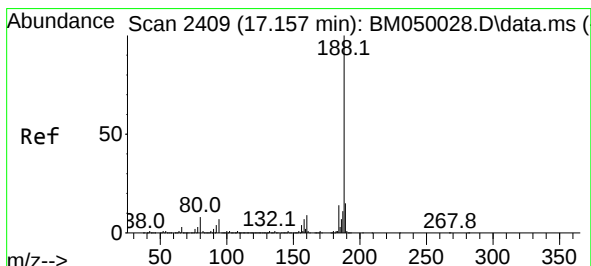
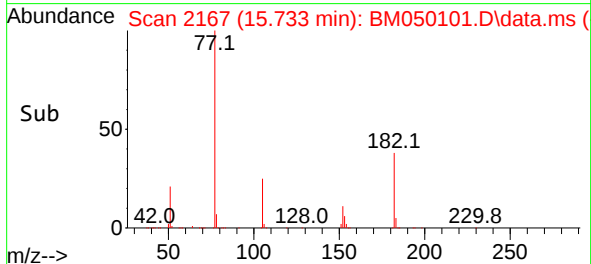
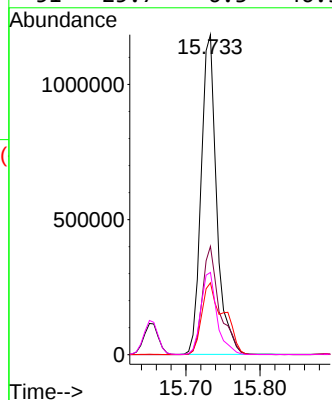
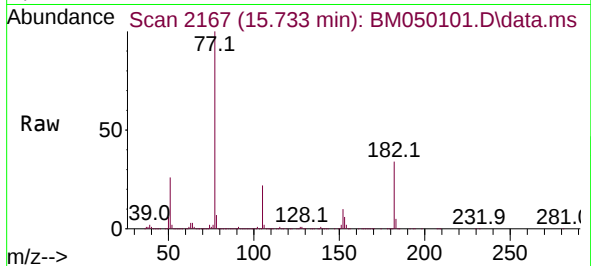




#63
Azobenzene
Concen: 45.362 ng
RT: 15.733 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

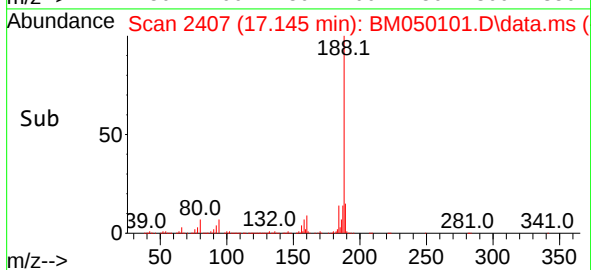
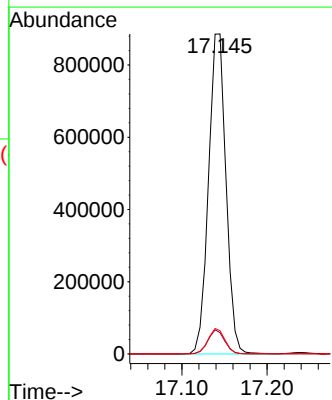
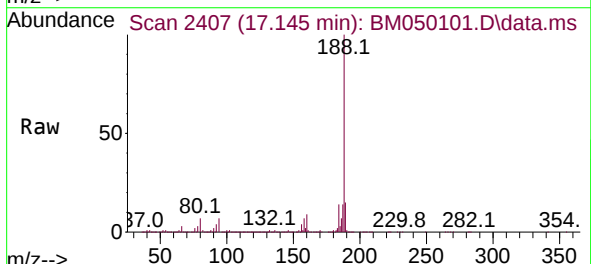
Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

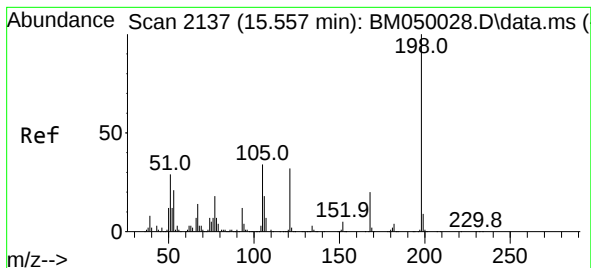
Tgt Ion: 77 Resp: 1715145
Ion Ratio Lower Upper
77 100
182 33.9 10.5 50.5
105 22.5 1.1 41.1
51 25.7 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:188 Resp: 1260856
Ion Ratio Lower Upper
188 100
94 6.7 5.7 8.5
80 7.2 6.2 9.4

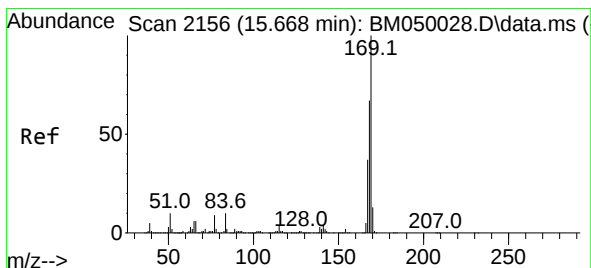
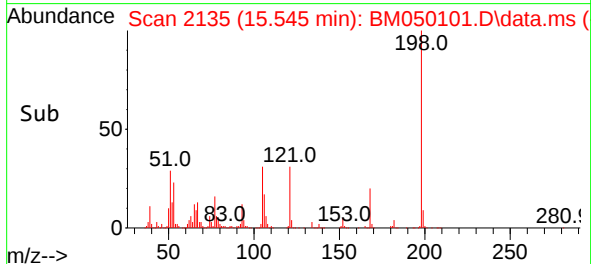
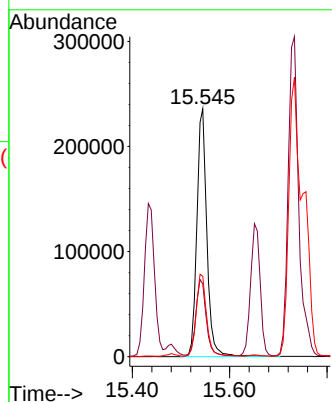
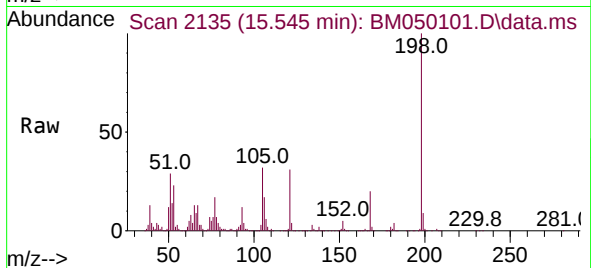




#65
4,6-Dinitro-2-methylphenol
Concen: 42.967 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

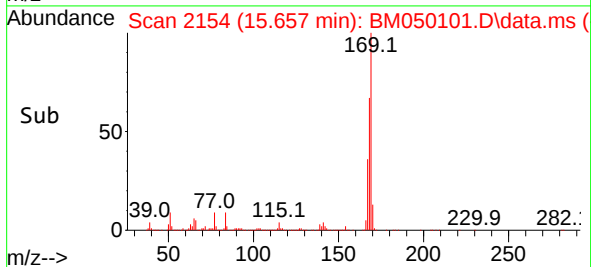
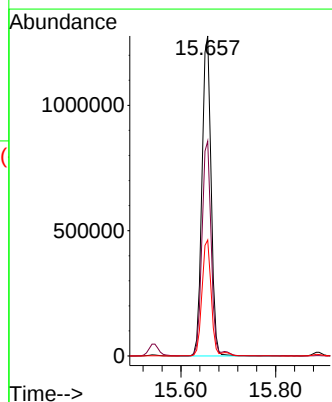
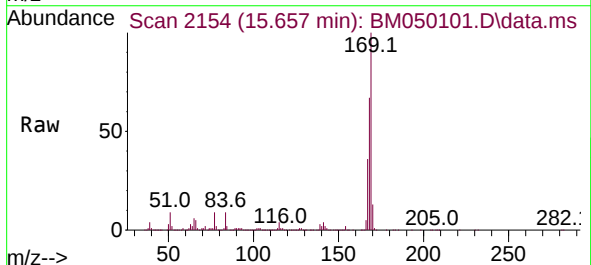
Instrument :
BNA_M
ClientSampleId :
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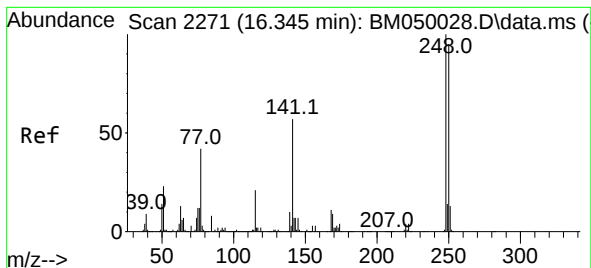
Tgt Ion:198 Resp: 339117
Ion Ratio Lower Upper
198 100
51 29.3 10.4 50.4
105 32.5 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 43.928 ng
RT: 15.657 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:169 Resp: 1700792
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.2
167 36.3 29.4 44.0

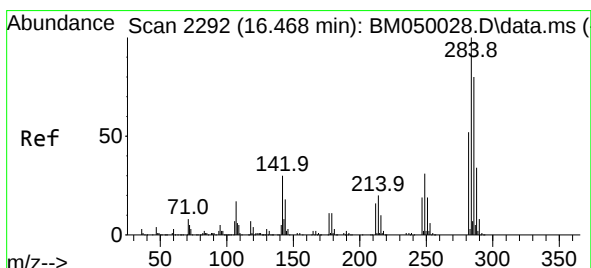
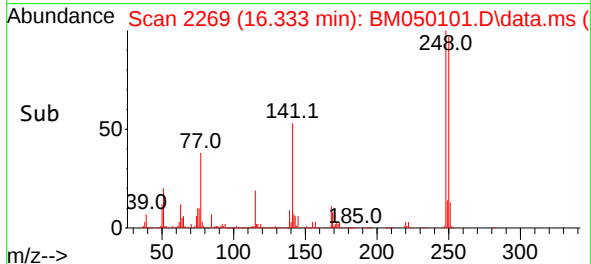
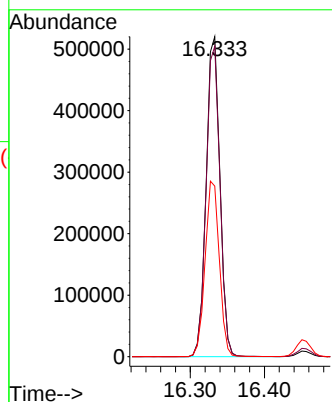
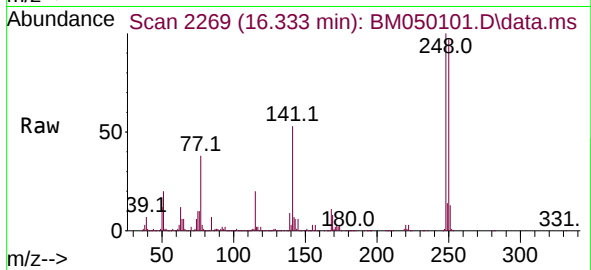




#67
4-Bromophenyl-phenylether
Concen: 44.187 ng
RT: 16.333 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

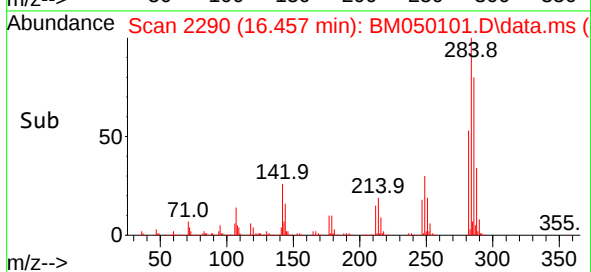
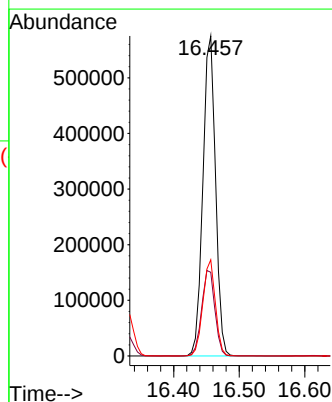
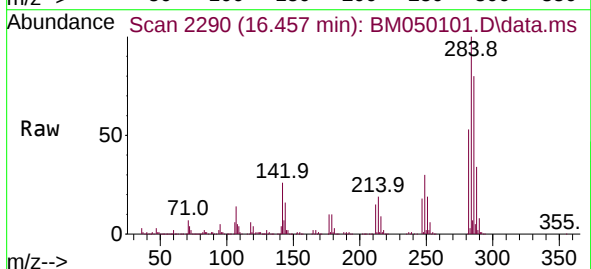
Instrument :
BNA_M
ClientSampleId :
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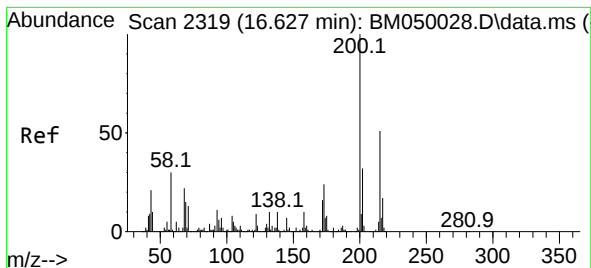
Tgt Ion:248 Resp: 673722
Ion Ratio Lower Upper
248 100
250 97.0 76.2 114.2
141 53.3 45.9 68.9



#68
Hexachlorobenzene
Concen: 43.936 ng
RT: 16.457 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:284 Resp: 772197
Ion Ratio Lower Upper
284 100
142 26.2 23.9 35.9
249 30.0 24.5 36.7





#69

Atrazine

Concen: 44.447 ng

RT: 16.609 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM050101.D

Acq: 05 May 2025 16:21

Instrument :

BNA_M

ClientSampleId :

LARGE-PILE-CMS

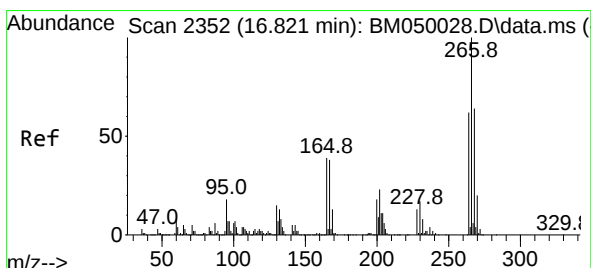
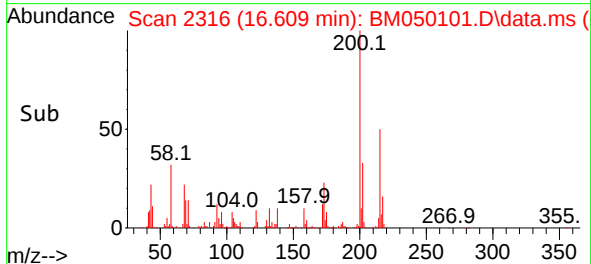
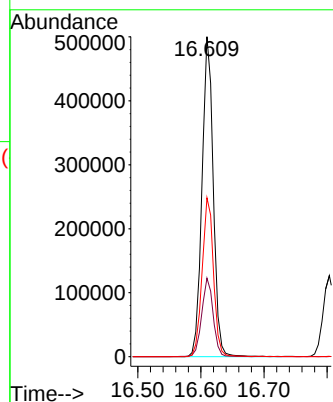
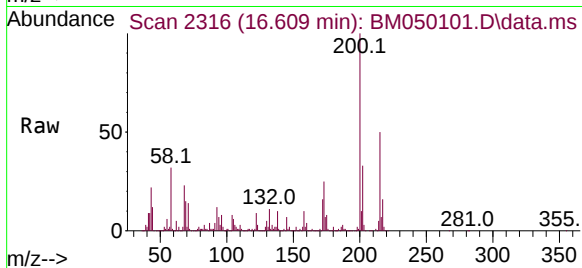
Tgt Ion:200 Resp: 620736

Ion Ratio Lower Upper

200 100

173 24.6 4.3 44.3

215 49.6 30.6 70.6



#70

Pentachlorophenol

Concen: 103.226 ng

RT: 16.804 min Scan# 2349

Delta R.T. -0.017 min

Lab File: BM050101.D

Acq: 05 May 2025 16:21

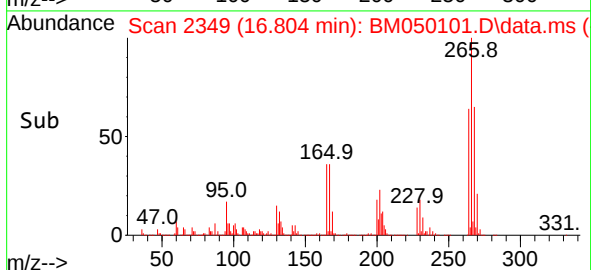
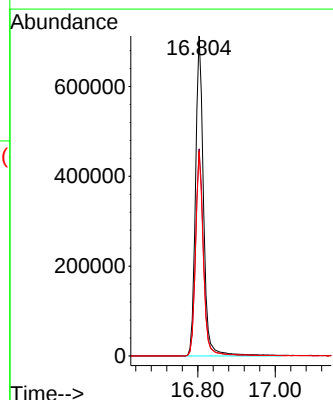
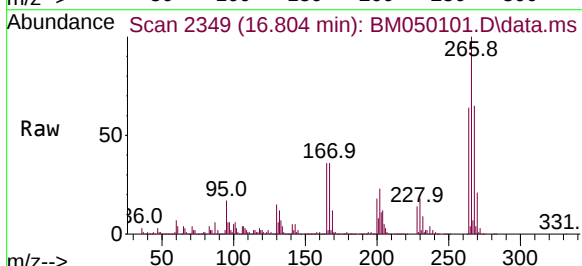
Tgt Ion:266 Resp: 1021224

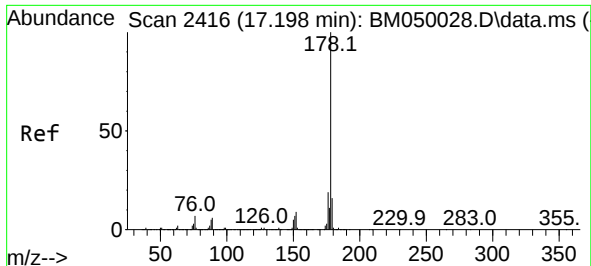
Ion Ratio Lower Upper

266 100

268 64.8 51.2 76.8

264 63.9 49.6 74.4

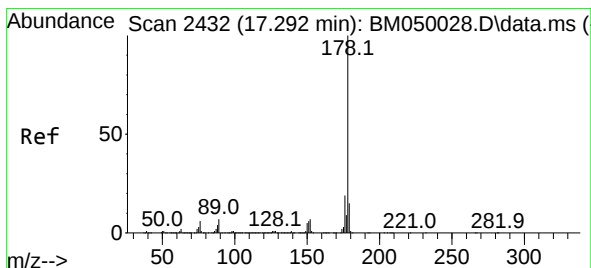
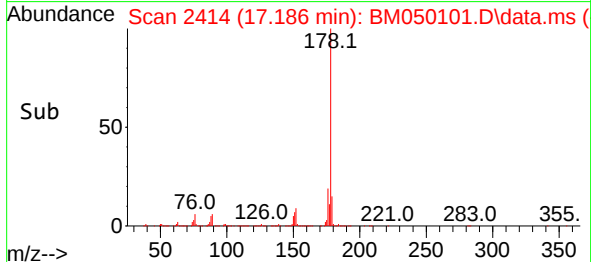
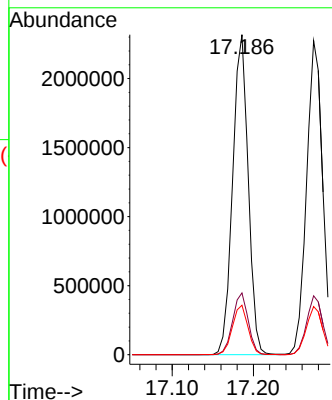
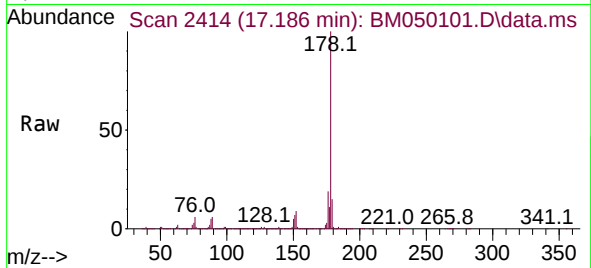




#71
Phenanthrene
Concen: 43.341 ng
RT: 17.186 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

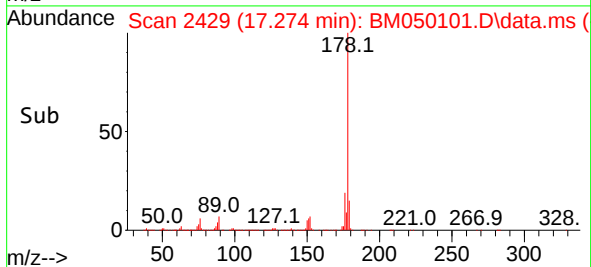
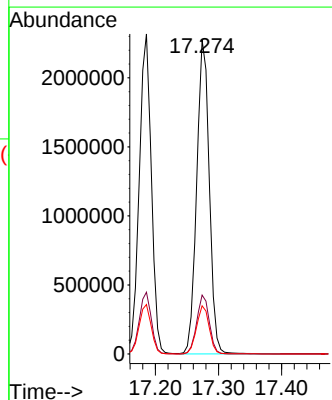
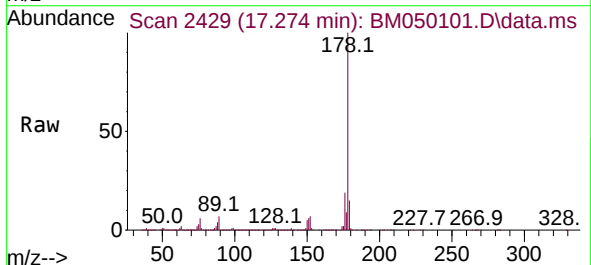
Instrument :
BNA_M
ClientSampleId :
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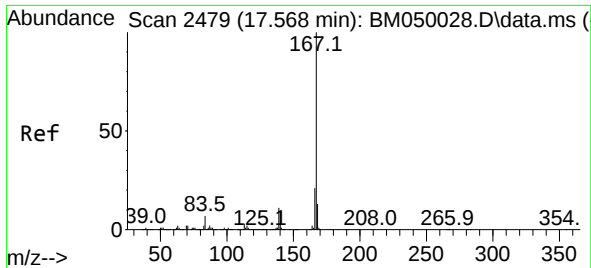
Tgt Ion:178 Resp: 3082125
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.4 12.4 18.6



#72
Anthracene
Concen: 43.650 ng
RT: 17.274 min Scan# 2429
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:178 Resp: 3141350
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.4 12.2 18.4

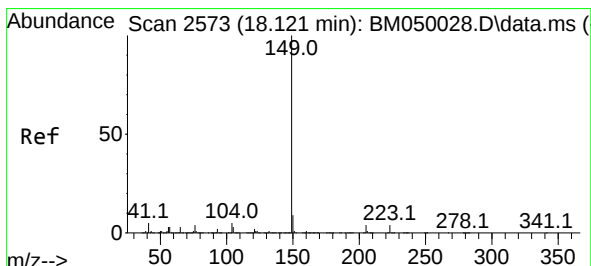
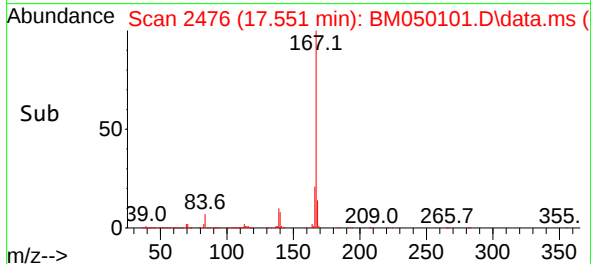
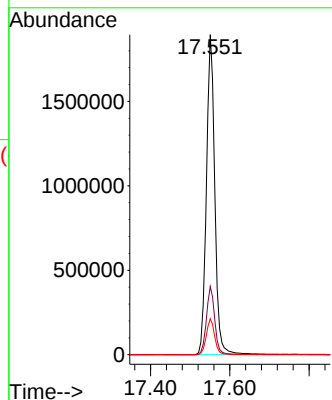
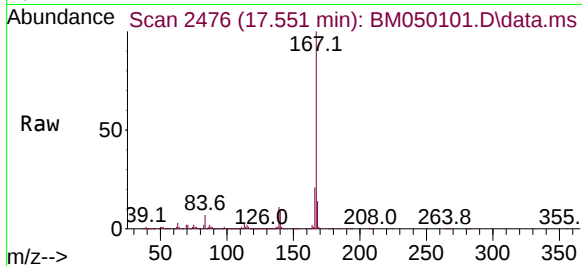




#73
 Carbazole
 Concen: 44.720 ng
 RT: 17.551 min Scan# 2479
 Delta R.T. -0.018 min
 Lab File: BM050101.D
 Acq: 05 May 2025 16:21

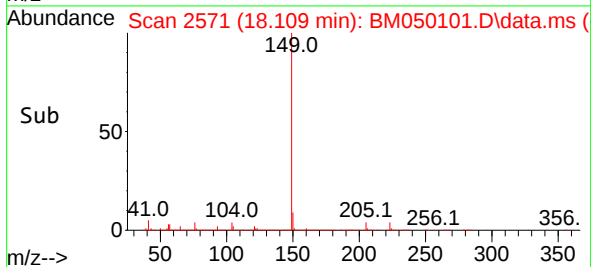
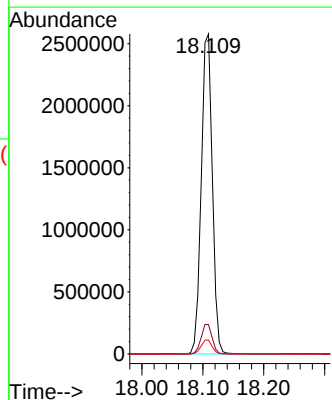
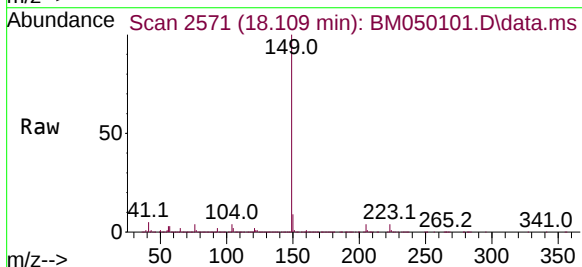
Instrument :
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 ClientSampleId :
 LARGE-PILE-CMS

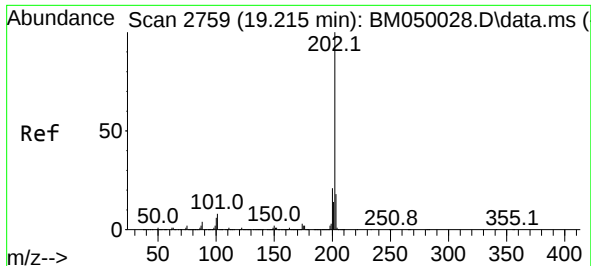
Tgt Ion:167 Resp: 2792713
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 11.3 9.0 13.6



#74
 Di-n-butylphthalate
 Concen: 43.482 ng
 RT: 18.109 min Scan# 2571
 Delta R.T. -0.012 min
 Lab File: BM050101.D
 Acq: 05 May 2025 16:21

Tgt Ion:149 Resp: 3233710
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.4 3.8 5.6

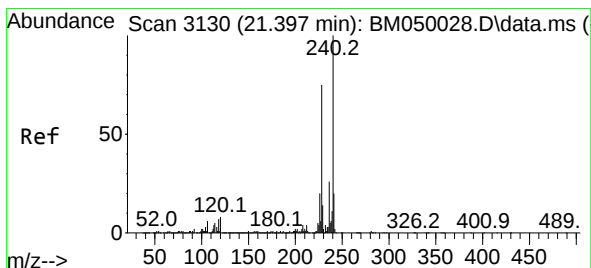
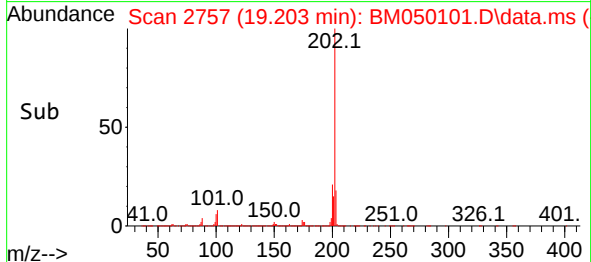
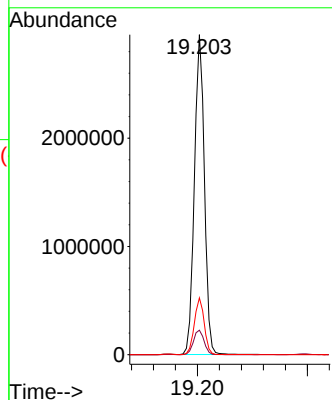
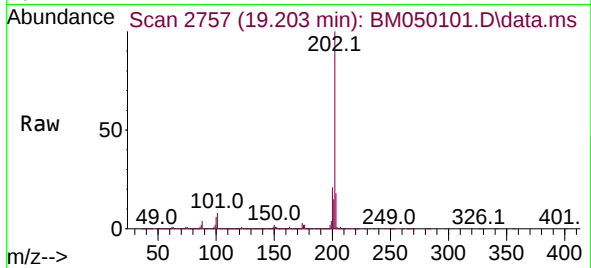




#75
Fluoranthene
Concen: 44.583 ng
RT: 19.203 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

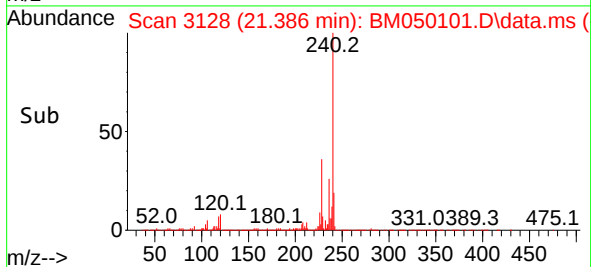
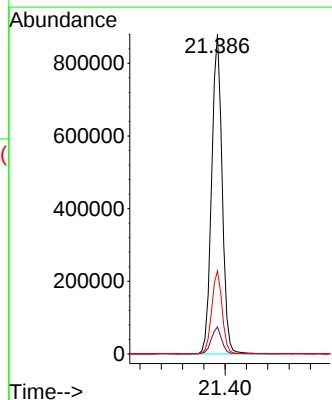
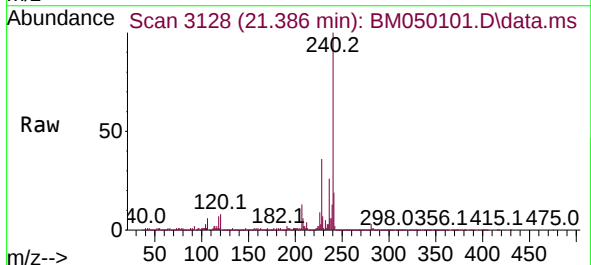
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BNA_M
ClientSampleId :
LARGE-PILE-CMS

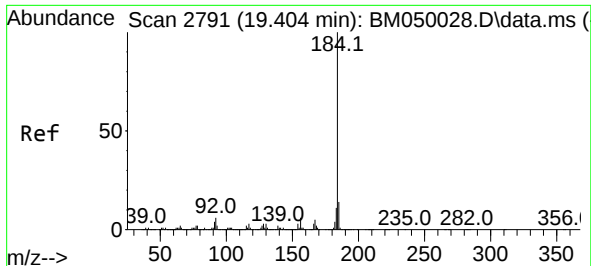
Tgt Ion:202 Resp: 3722333
Ion Ratio Lower Upper
202 100
101 7.7 0.0 28.0
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:240 Resp: 1205722
Ion Ratio Lower Upper
240 100
120 8.4 6.5 9.7
236 26.0 20.9 31.3

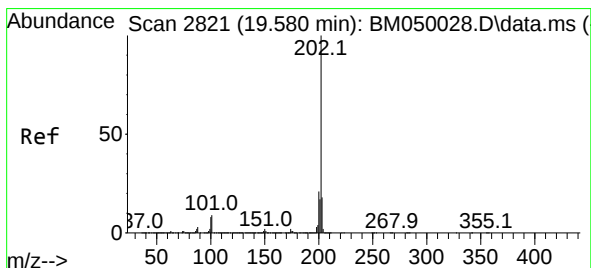
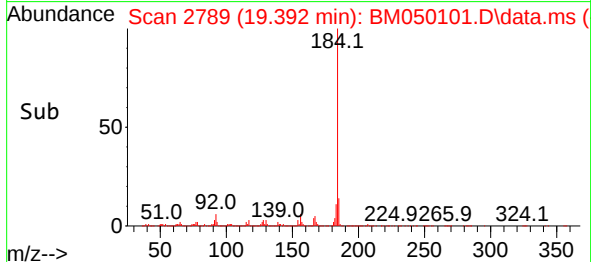
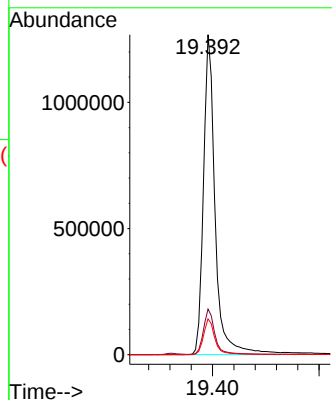
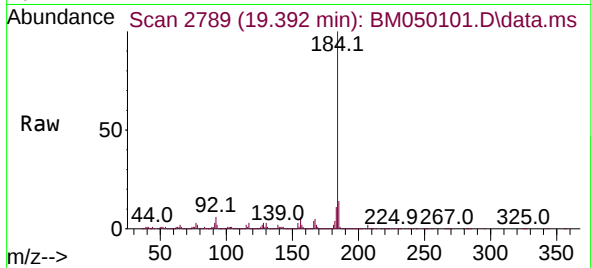




#77
Benzidine
Concen: 44.830 ng
RT: 19.392 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

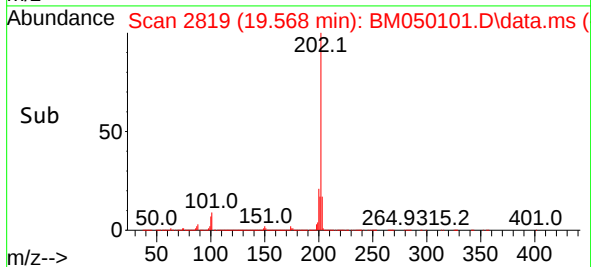
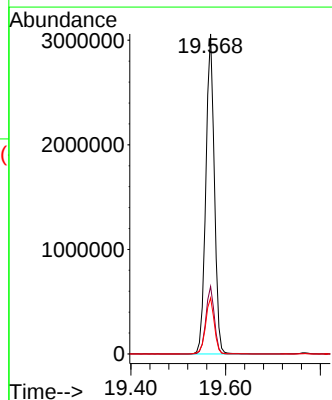
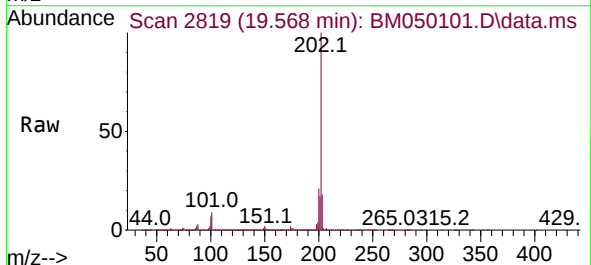
Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

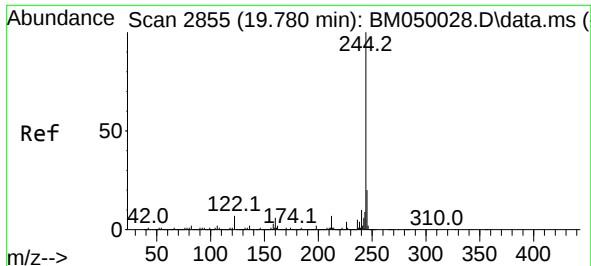
Tgt Ion:184 Resp: 1919998
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 11.2 8.9 13.3



#78
Pyrene
Concen: 45.063 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:202 Resp: 3815439
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.5 14.1 21.1

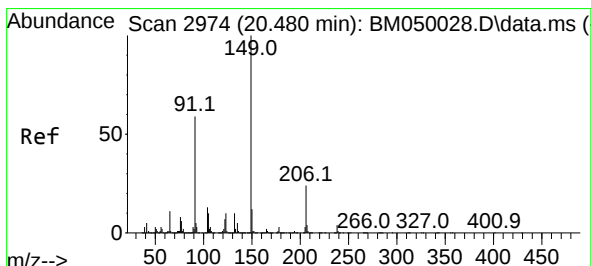
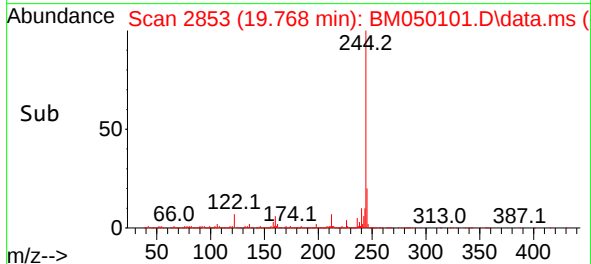
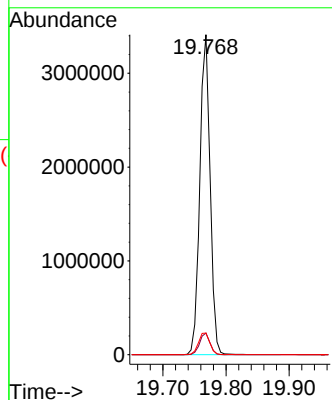
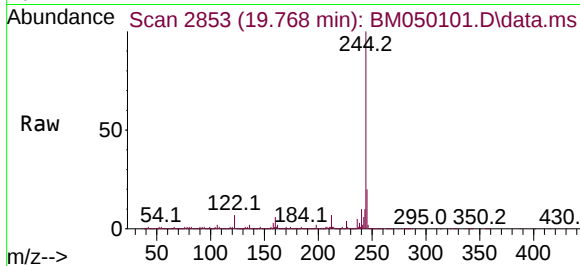




#79
 Terphenyl-d14
 Concen: 47.154 ng
 RT: 19.768 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050101.D
 Acq: 05 May 2025 16:21

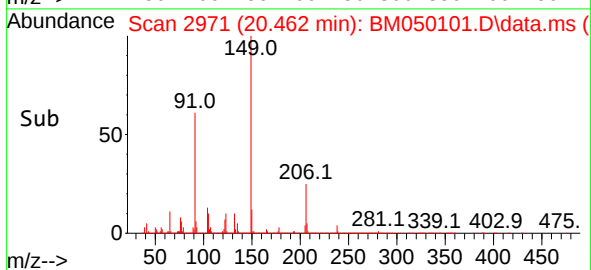
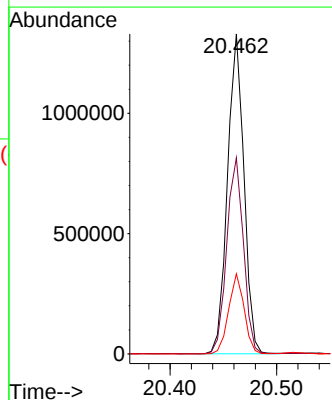
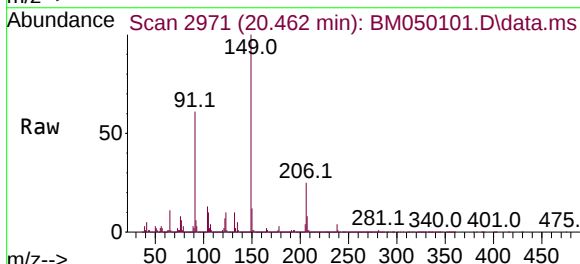
Instrument :
 BNA_M
 ClientSampleId :
 LARGE-PILE-CMS

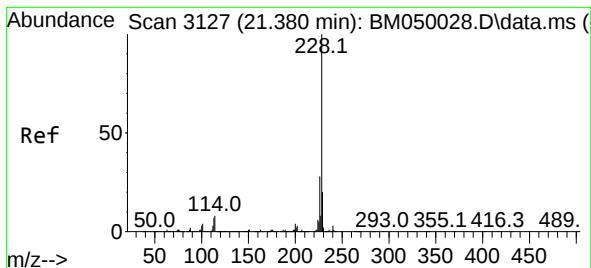
Tgt Ion:244 Resp: 3842218
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 6.7 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 44.675 ng
 RT: 20.462 min Scan# 2971
 Delta R.T. -0.018 min
 Lab File: BM050101.D
 Acq: 05 May 2025 16:21

Tgt Ion:149 Resp: 1416730
 Ion Ratio Lower Upper
 149 100
 91 61.3 47.4 71.2
 206 25.0 19.4 29.0





#81

Benzo(a)anthracene

Concen: 44.223 ng

RT: 21.368 min Scan# 3125

Delta R.T. -0.012 min

Lab File: BM050101.D

Acq: 05 May 2025 16:21

Instrument :

BNA_M

ClientSampleId :

LARGE-PILE-CMS

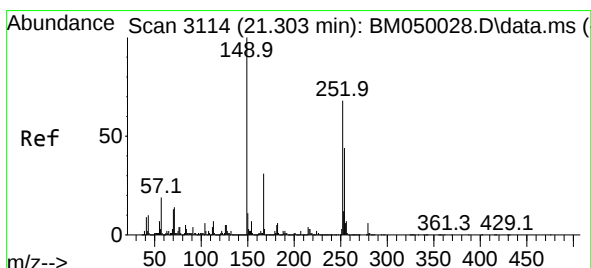
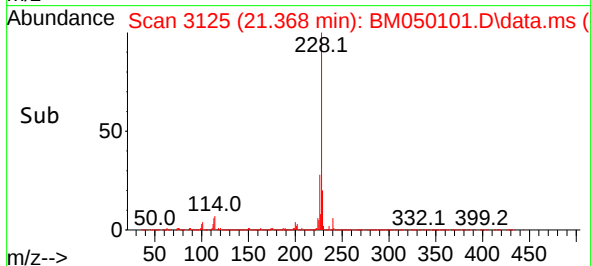
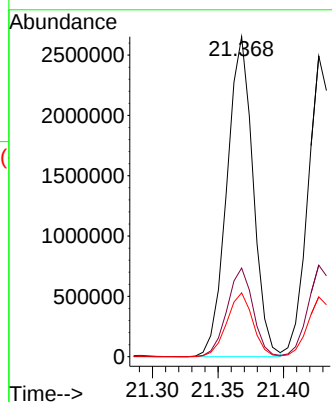
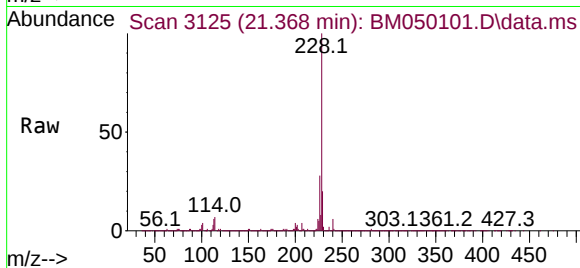
Tgt Ion:228 Resp: 3671788

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 26.251 ng

RT: 21.291 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BM050101.D

Acq: 05 May 2025 16:21

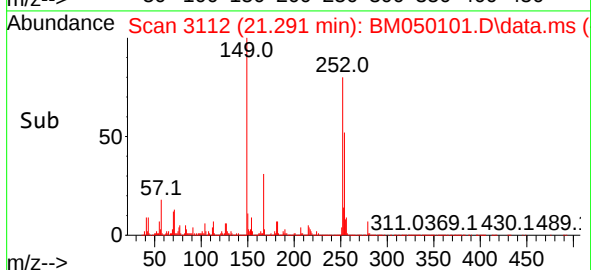
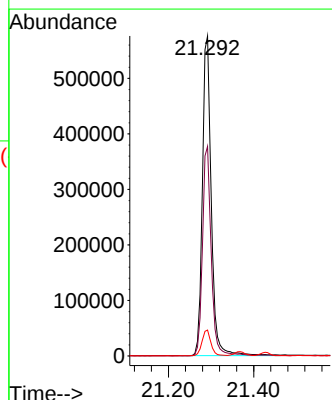
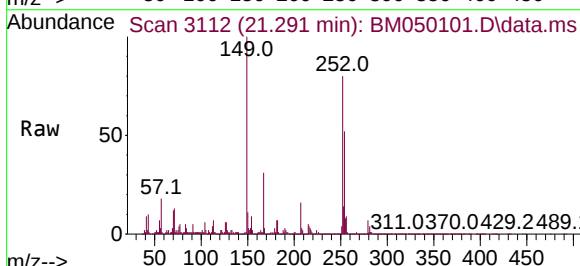
Tgt Ion:252 Resp: 834376

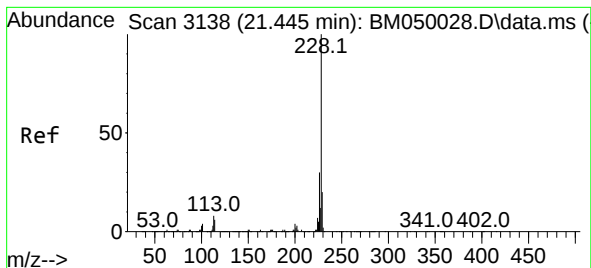
Ion Ratio Lower Upper

252 100

254 65.5 51.8 77.6

126 8.1 6.0 9.0





#83

Chrysene

Concen: 43.557 ng

RT: 21.427 min Scan# 3110

Delta R.T. -0.018 min

Lab File: BM050101.D

Acq: 05 May 2025 16:21

Instrument :

BNA_M

ClientSampleId :

LARGE-PILE-CMS

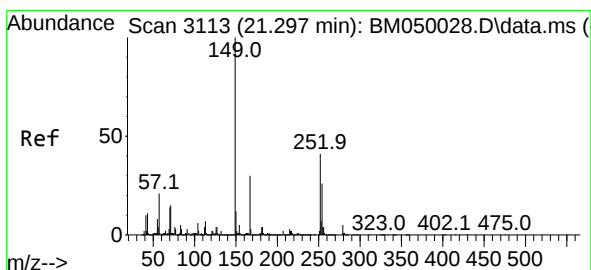
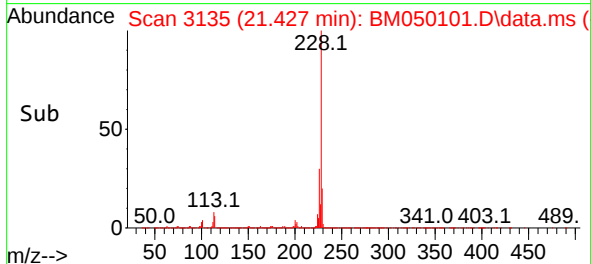
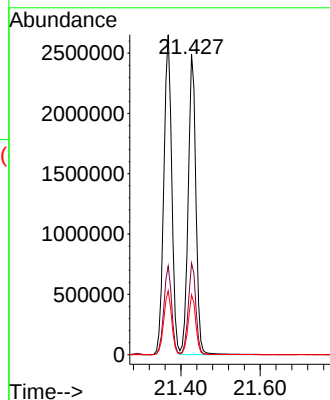
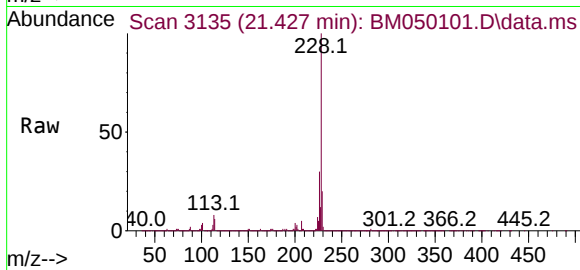
Tgt Ion:228 Resp: 3347188

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.228 ng

RT: 21.280 min Scan# 3110

Delta R.T. -0.018 min

Lab File: BM050101.D

Acq: 05 May 2025 16:21

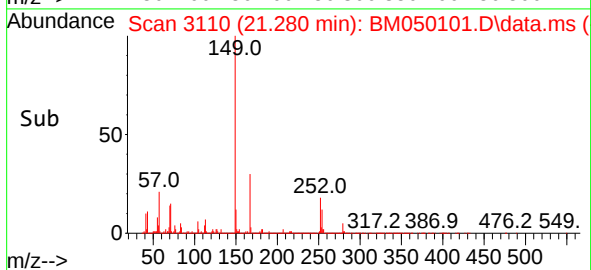
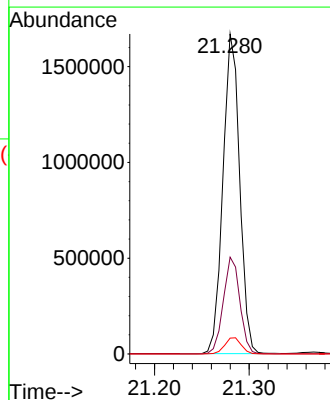
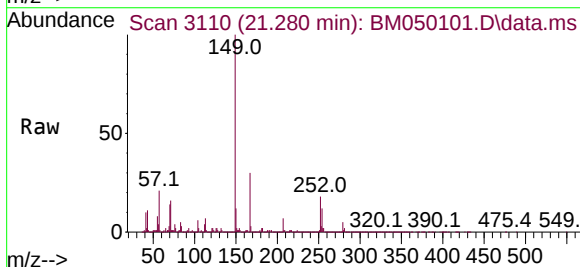
Tgt Ion:149 Resp: 2047604

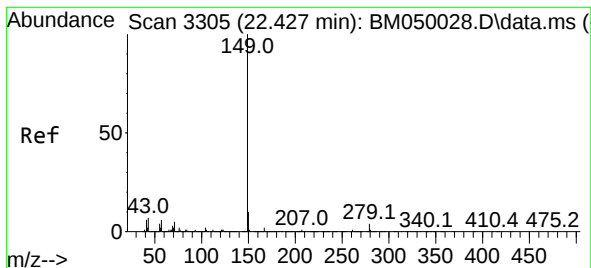
Ion Ratio Lower Upper

149 100

167 30.3 24.1 36.1

279 5.0 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 42.694 ng

RT: 22.409 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM050101.D

Acq: 05 May 2025 16:21

Instrument :

BNA_M

ClientSampleId :

LARGE-PILE-CMS

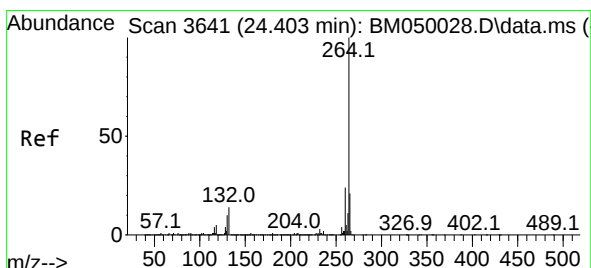
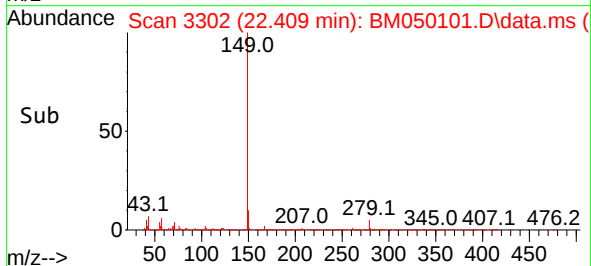
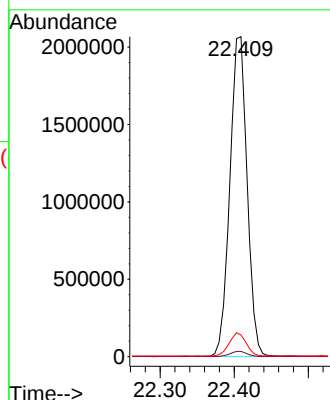
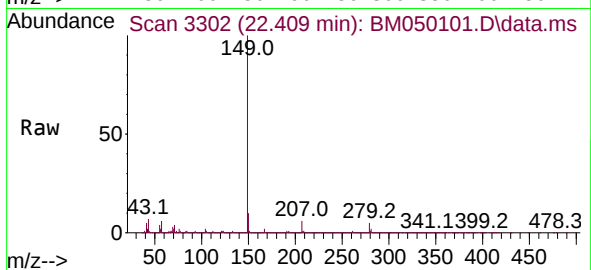
Tgt Ion:149 Resp: 3335016

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.2 5.8 8.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.374 min Scan# 3636

Delta R.T. -0.030 min

Lab File: BM050101.D

Acq: 05 May 2025 16:21

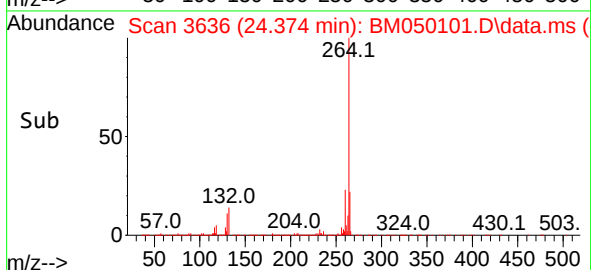
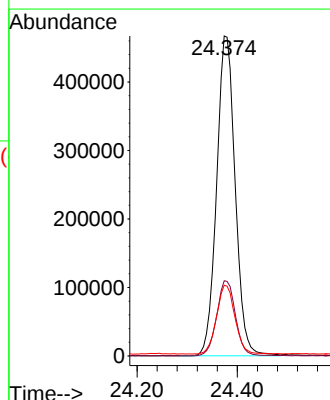
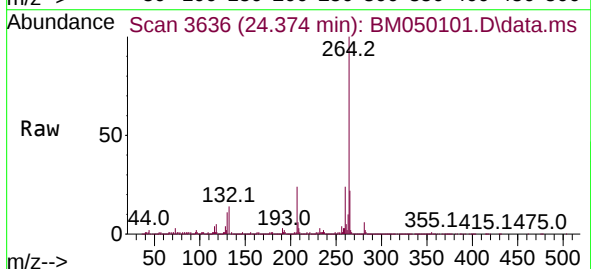
Tgt Ion:264 Resp: 1198695

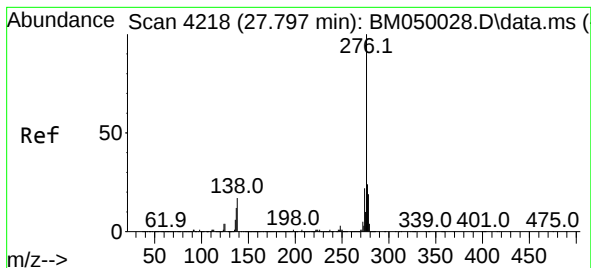
Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 22.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.013 ng

RT: 27.762 min Scan# 41

Delta R.T. -0.035 min

Lab File: BM050101.D

Acq: 05 May 2025 16:21

Instrument :

BNA_M

ClientSampleId :

LARGE-PILE-CMS

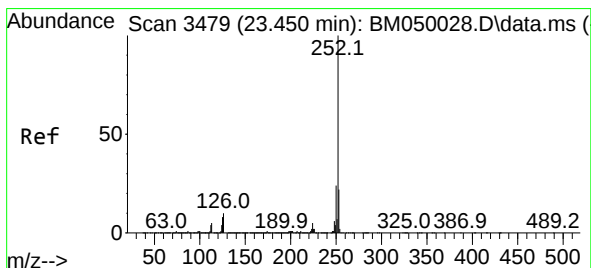
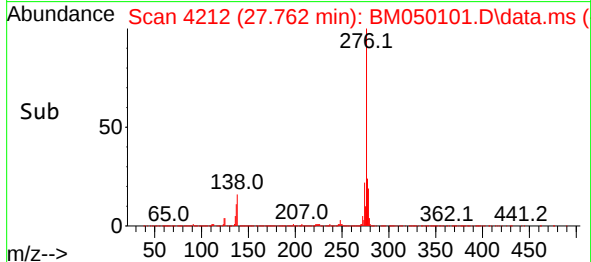
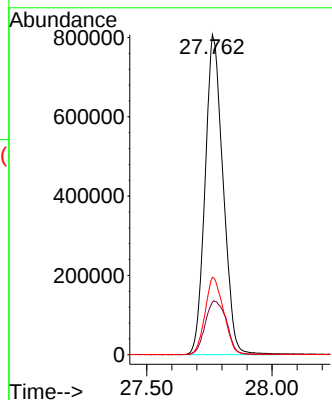
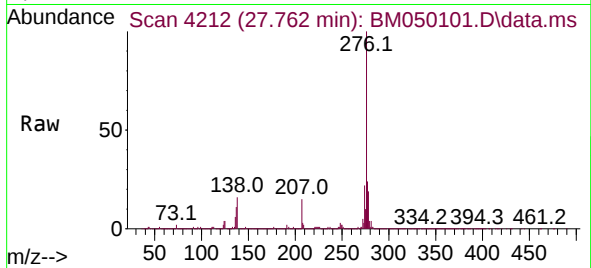
Tgt Ion:276 Resp: 4020492

Ion Ratio Lower Upper

276 100

138 19.9 16.4 24.6

277 24.9 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 43.199 ng

RT: 23.433 min Scan# 3476

Delta R.T. -0.018 min

Lab File: BM050101.D

Acq: 05 May 2025 16:21

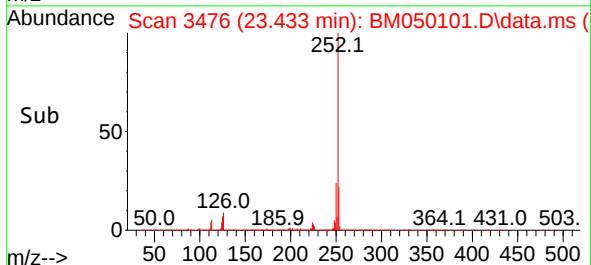
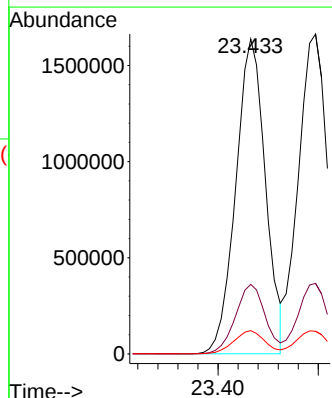
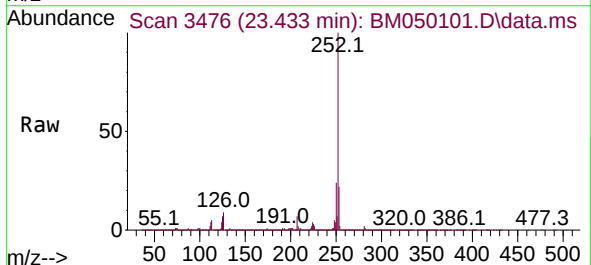
Tgt Ion:252 Resp: 3367561

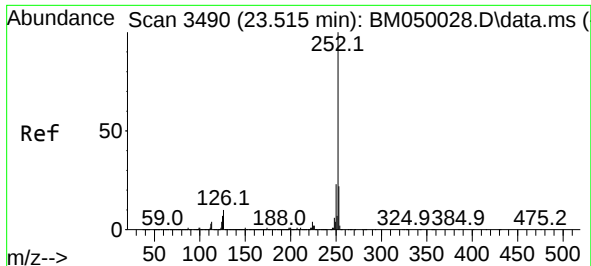
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 7.4 6.1 9.1

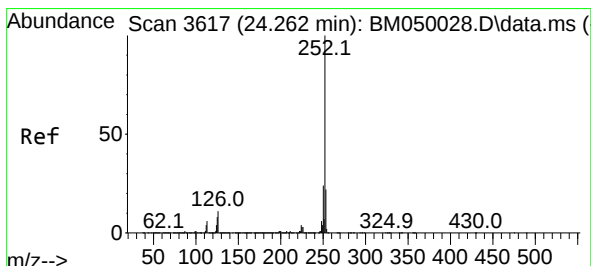
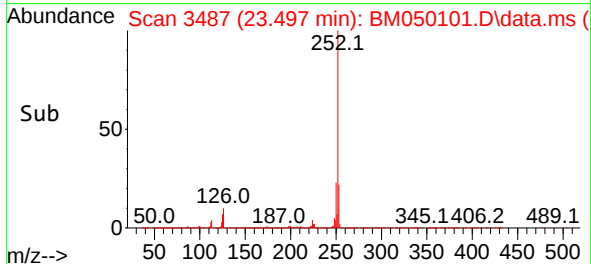
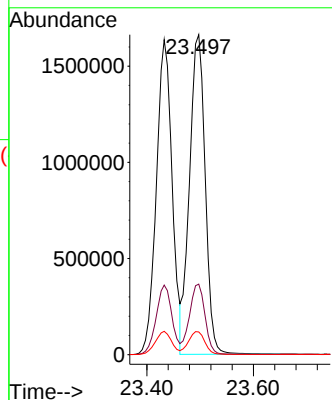
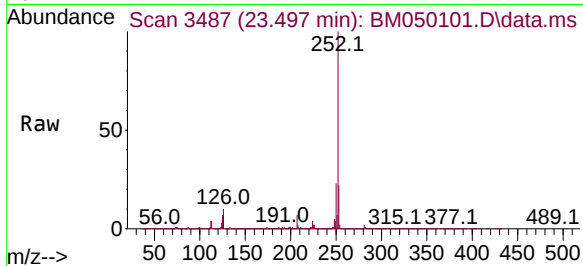




#89
Benzo(k)fluoranthene
Concen: 43.085 ng
RT: 23.497 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

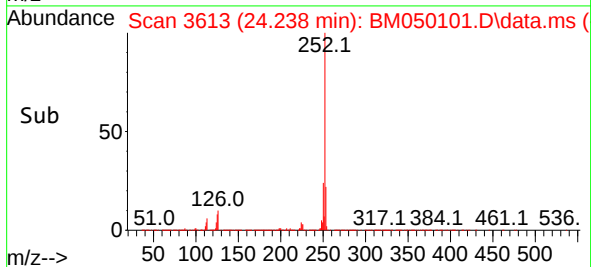
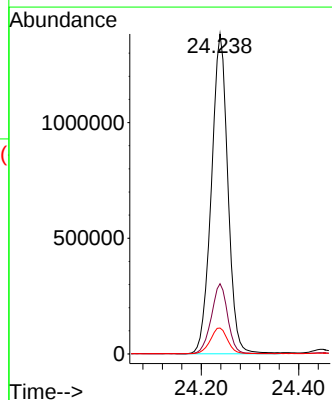
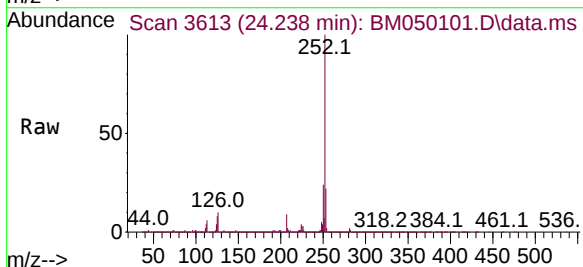
Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

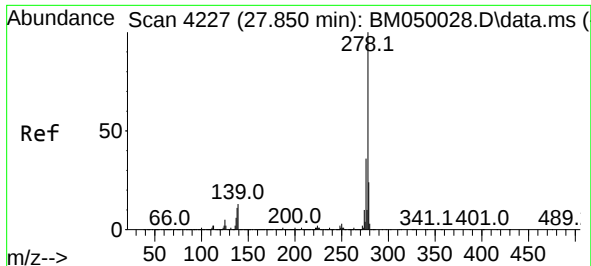
Tgt Ion:252 Resp: 3397394
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 7.1 5.8 8.8



#90
Benzo(a)pyrene
Concen: 44.370 ng
RT: 24.238 min Scan# 3613
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:252 Resp: 3239603
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.1 6.6 9.8

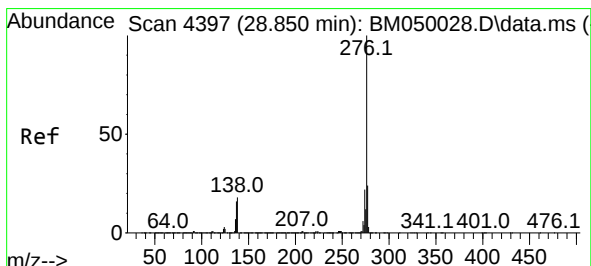
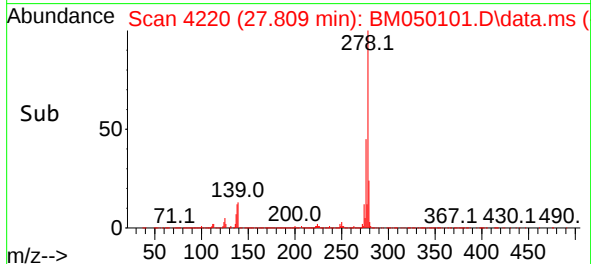
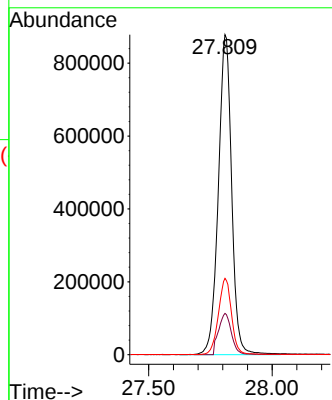
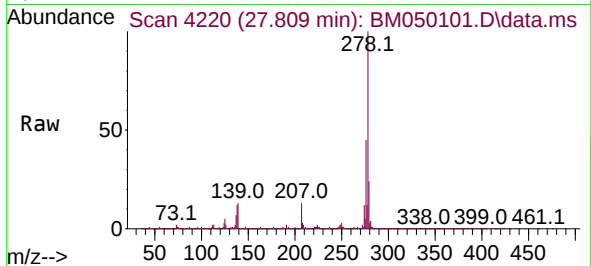




#91
Dibenzo(a,h)anthracene
Concen: 45.096 ng
RT: 27.809 min Scan# 41
Delta R.T. -0.041 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:278 Resp: 3283382
Ion Ratio Lower Upper
278 100
139 12.9 10.5 15.7
279 23.9 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 44.159 ng
RT: 28.820 min Scan# 4392
Delta R.T. -0.030 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:276 Resp: 3078083
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 17.9 14.3 21.5

