

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050213.D
 Acq On : 06 Jun 2025 14:06
 Operator : RC/JU
 Sample : Q2194-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-12MS

Quant Time: Jun 06 14:37:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 16:20:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	348615	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1377434	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	768114	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1293379	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1106417	20.000	ng	0.00
86) Perylene-d12	24.368	264	1212630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2485049	118.911	ng	0.00
7) Phenol-d6	6.957	99	2994886	108.862	ng	0.00
23) Nitrobenzene-d5	8.939	82	2093769	79.055	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	1069797	122.448	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	4313578	76.030	ng	0.00
79) Terphenyl-d14	19.780	244	4512257	77.284	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	309499	33.786	ng	# 78
3) Pyridine	3.693	79	837934	35.322	ng	100
4) n-Nitrosodimethylamine	3.599	42	200375	40.847	ng	95
6) Aniline	7.116	93	795951	21.886	ng	98
8) 2-Chlorophenol	7.351	128	994911	43.281	ng	99
9) Benzaldehyde	6.928	77	409612	23.418	ng	99
10) Phenol	6.981	94	1102221	37.866	ng	99
11) bis(2-Chloroethyl)ether	7.216	93	980654	41.885	ng	99
12) 1,3-Dichlorobenzene	7.681	146	775911	30.193	ng	99
13) 1,4-Dichlorobenzene	7.822	146	818226	30.602	ng	99
14) 1,2-Dichlorobenzene	8.139	146	807074	31.663	ng	99
15) Benzyl Alcohol	8.022	79	858483	43.752	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.316	45	657839	40.447	ng	98
17) 2-Methylphenol	8.228	107	812312	42.295	ng	100
18) Hexachloroethane	8.869	117	288971	29.843	ng	99
19) n-Nitroso-di-n-propyla...	8.592	70	713472	42.380	ng	99
20) 3+4-Methylphenols	8.551	107	1079323	42.004	ng	99
22) Acetophenone	8.604	105	1456030	42.311	ng	99
24) Nitrobenzene	8.981	77	1045437	43.402	ng	98
25) Isophorone	9.510	82	2007832	43.923	ng	100
26) 2-Nitrophenol	9.686	139	475401	45.722	ng	98
27) 2,4-Dimethylphenol	9.751	122	934333	43.734	ng	98
28) bis(2-Chloroethoxy)met...	9.992	93	1306450	43.748	ng	99
29) 2,4-Dichlorophenol	10.222	162	887017	44.867	ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	830875	37.767	ng	99
31) Naphthalene	10.628	128	2714278	38.113	ng	100
32) Benzoic acid	9.845	122	281160	20.941	ng	98
33) 4-Chloroaniline	10.728	127	208080	6.853	ng	99
34) Hexachlorobutadiene	10.922	225	451045	34.468	ng	99
35) Caprolactam	11.498	113	211120	33.684	ng	97
36) 4-Chloro-3-methylphenol	11.851	107	909622	43.119	ng	100
37) 2-Methylnaphthalene	12.239	142	1787634	41.609	ng	98
38) 1-Methylnaphthalene	12.457	142	1857710	40.739	ng	99
40) 1,2,4,5-Tetrachloroben...	12.610	216	968442	43.663	ng	99
41) Hexachlorocyclopentadiene	12.598	237	1125098	83.526	ng	98
43) 2,4,6-Trichlorophenol	12.845	196	676045	46.349	ng	99

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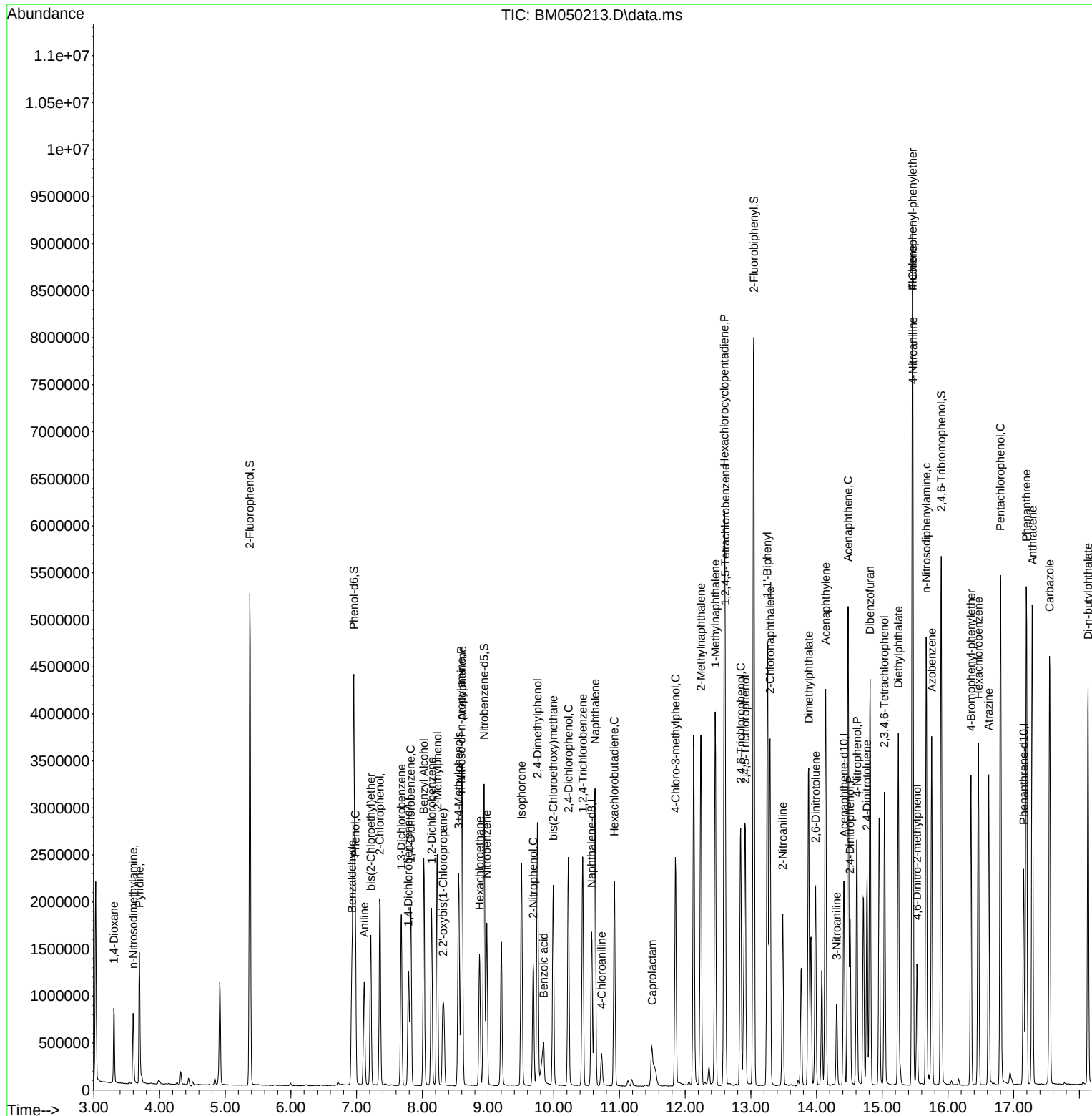
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	729356	45.543	ng	98
46) 1,1'-Biphenyl	13.251	154	2530450	43.996	ng	98
47) 2-Chloronaphthalene	13.292	162	1935364	43.283	ng	100
48) 2-Nitroaniline	13.486	65	477197	48.495	ng	97
49) Acenaphthylene	14.139	152	3153424	43.602	ng	100
50) Dimethylphthalate	13.880	163	2278169	43.855	ng	100
51) 2,6-Dinitrotoluene	13.986	165	488399	46.620	ng	98
52) Acenaphthene	14.480	154	2043709	45.178	ng	99
53) 3-Nitroaniline	14.304	138	232659	19.927	ng	96
54) 2,4-Dinitrophenol	14.510	184	379194	59.986	ng	98
55) Dibenzofuran	14.816	168	2842304	42.948	ng	99
56) 4-Nitrophenol	14.616	139	779304	78.421	ng	97
57) 2,4-Dinitrotoluene	14.768	165	648380	46.918	ng	99
58) Fluorene	15.463	166	2148065	42.377	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	599098	43.239	ng	92
60) Diethylphthalate	15.245	149	2186884	42.429	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1049834	42.854	ng	97
62) 4-Nitroaniline	15.468	138	426152	38.942	ng	98
63) Azobenzene	15.751	77	2199804	42.700	ng	99
65) 4,6-Dinitro-2-methylph...	15.527	198	287886	40.753	ng	97
66) n-Nitrosodiphenylamine	15.668	169	1858818	45.740	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	651215	47.215	ng	98
68) Hexachlorobenzene	16.462	284	746011	46.295	ng	99
69) Atrazine	16.621	200	607699	46.931	ng	100
70) Pentachlorophenol	16.798	266	960880	91.715	ng	99
71) Phenanthrene	17.192	178	3258540	44.102	ng	99
72) Anthracene	17.286	178	3285651	44.451	ng	99
73) Carbazole	17.545	167	2919116	43.350	ng	99
74) Di-n-butylphthalate	18.133	149	3333066	45.491	ng	100
75) Fluoranthene	19.203	202	3339548	42.860	ng	99
77) Benzidine	19.386	184	595875	19.152	ng	98
78) Pyrene	19.568	202	3471185	46.548	ng	99
80) Butylbenzylphthalate	20.480	149	1237003	49.729	ng	99
81) Benzo(a)anthracene	21.362	228	3166143	45.210	ng	100
82) 3,3'-Dichlorobenzidine	21.286	252	469675	21.992	ng	99
83) Chrysene	21.427	228	3012726	45.226	ng	98
84) Bis(2-ethylhexyl)phtha...	21.315	149	1858055	48.493	ng	99
85) Di-n-octyl phthalate	22.456	149	2955416	51.980	ng	100
87) Indeno(1,2,3-cd)pyrene	27.738	276	3987489	51.070	ng	# 92
88) Benzo(b)fluoranthene	23.433	252	3197636	45.355	ng	99
89) Benzo(k)fluoranthene	23.491	252	3221599	44.761	ng	100
90) Benzo(a)pyrene	24.233	252	3082761	46.506	ng	100
91) Dibenzo(a,h)anthracene	27.809	278	3199032	50.476	ng	99
92) Benzo(g,h,i)perylene	28.791	276	3296635	51.971	ng	100

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

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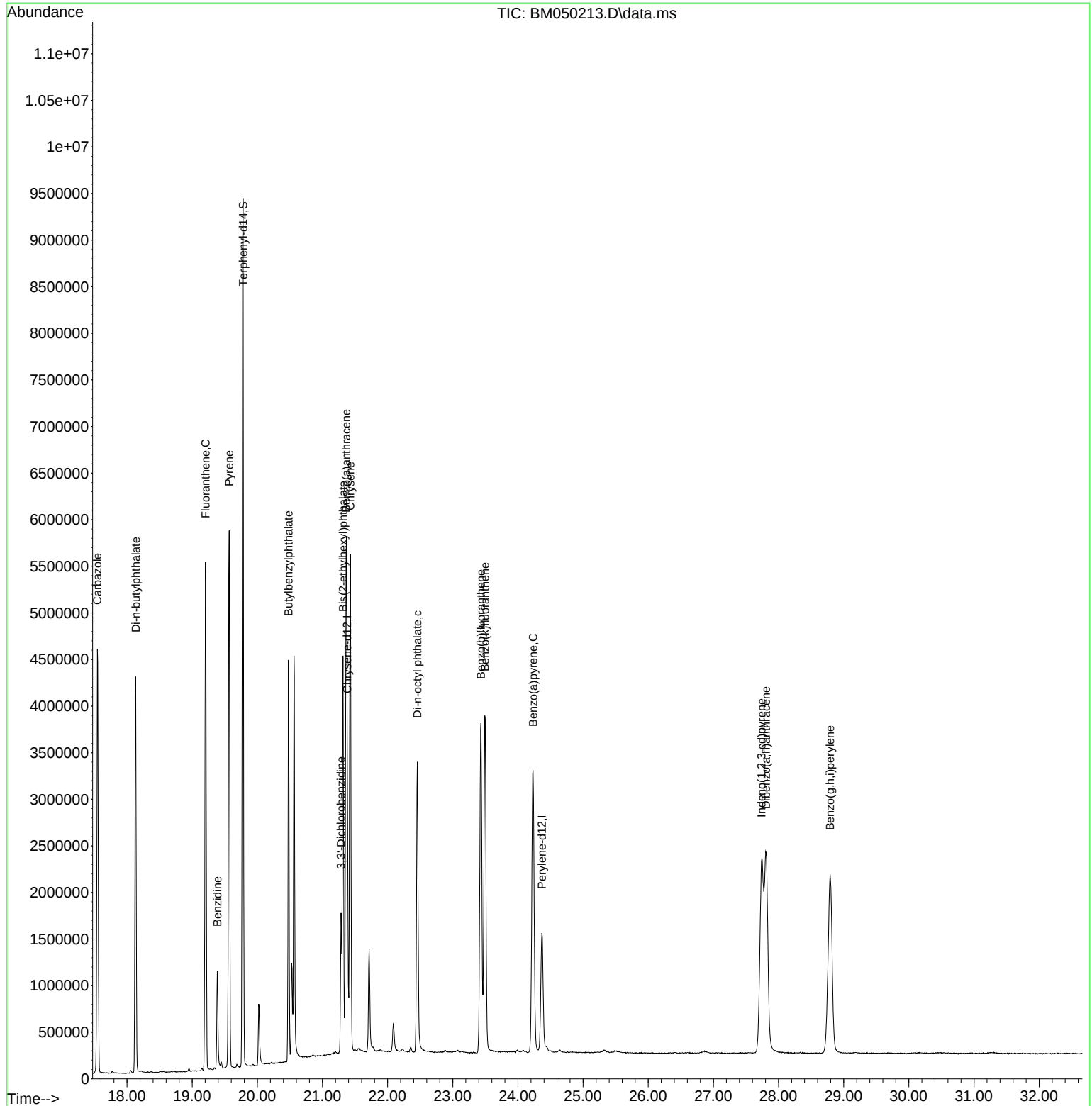
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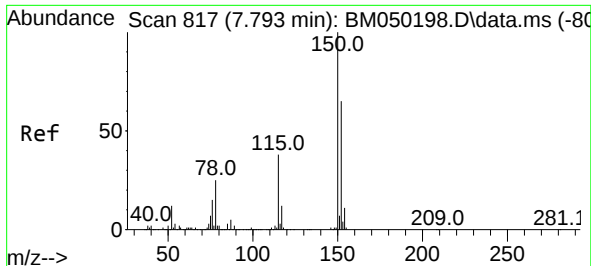


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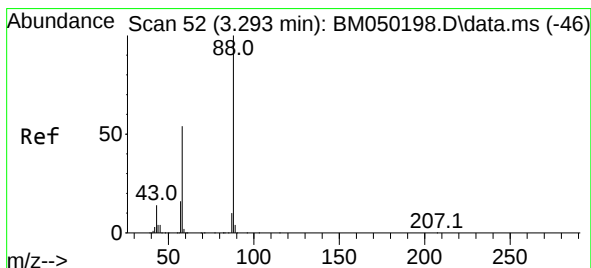
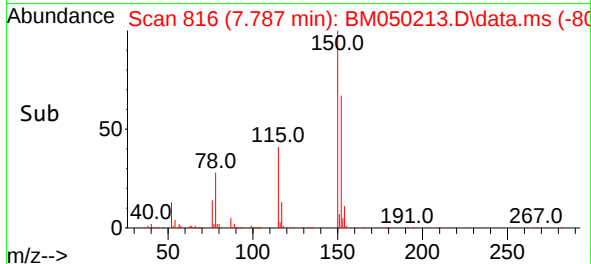
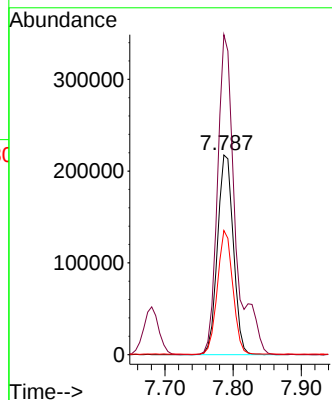
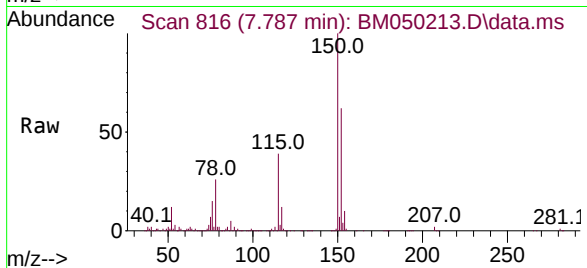




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM050213.D
 Acq: 06 Jun 2025 14:06

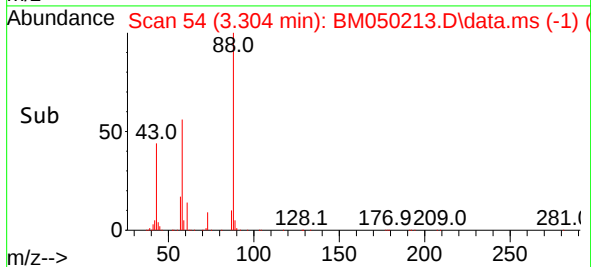
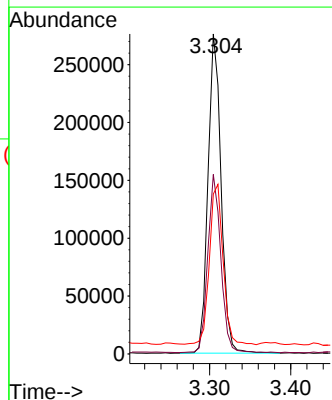
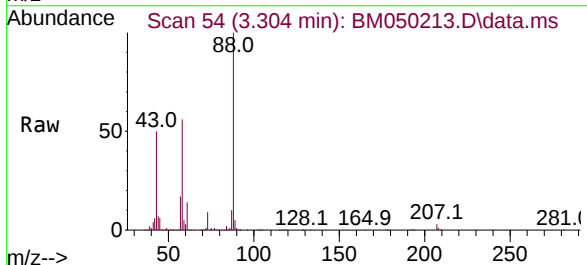
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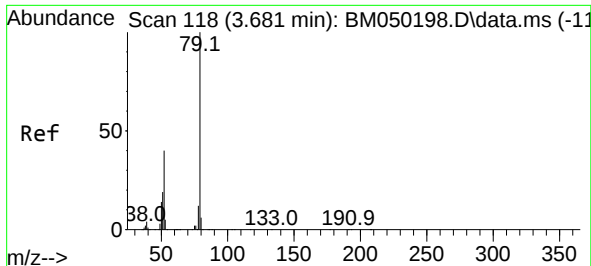
Tgt Ion:152 Resp: 348615
 Ion Ratio Lower Upper
 152 100
 150 160.3 122.2 183.4
 115 62.1 46.3 69.5



#2
 1,4-Dioxane
 Concen: 33.786 ng
 RT: 3.304 min Scan# 54
 Delta R.T. 0.012 min
 Lab File: BM050213.D
 Acq: 06 Jun 2025 14:06

Tgt Ion: 88 Resp: 309499
 Ion Ratio Lower Upper
 88 100
 58 55.9 42.9 64.3
 43 52.6 11.0 16.6#

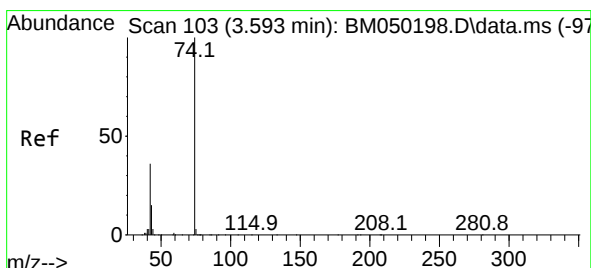
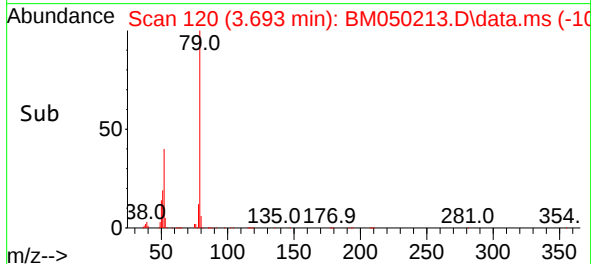
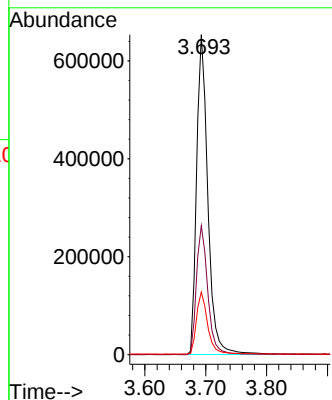
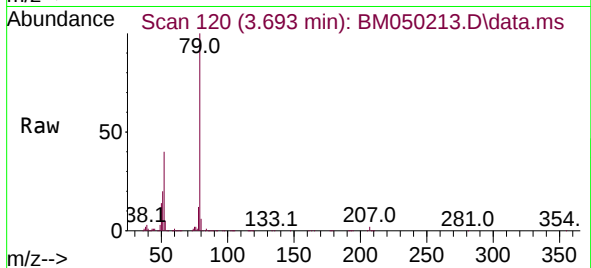




#3
 Pyridine
 Concen: 35.322 ng
 RT: 3.693 min Scan# 118
 Delta R.T. 0.012 min
 Lab File: BM050213.D
 Acq: 06 Jun 2025 14:06

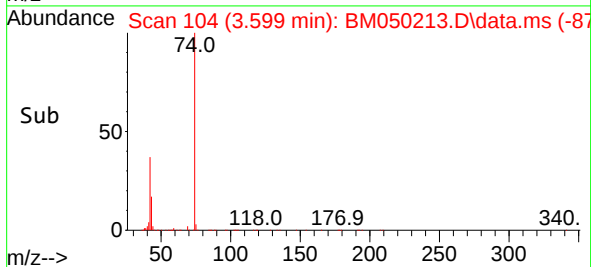
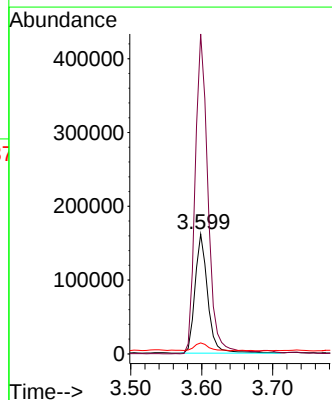
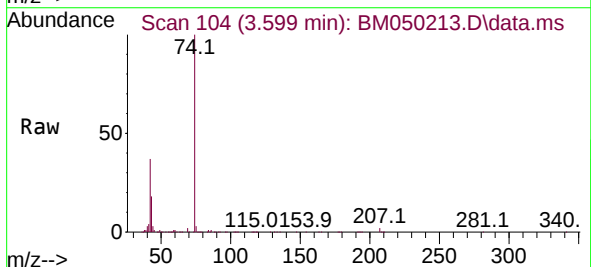
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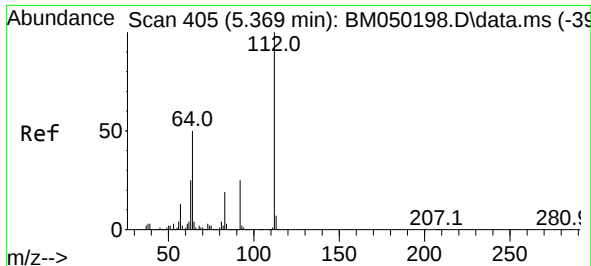
Tgt Ion: 79 Resp: 837934
 Ion Ratio Lower Upper
 79 100
 52 40.3 32.1 48.1
 51 19.6 15.4 23.0



#4
 n-Nitrosodimethylamine
 Concen: 40.847 ng
 RT: 3.599 min Scan# 104
 Delta R.T. -0.000 min
 Lab File: BM050213.D
 Acq: 06 Jun 2025 14:06

Tgt Ion: 42 Resp: 200375
 Ion Ratio Lower Upper
 42 100
 74 267.3 222.0 333.0
 44 9.1 7.0 10.6

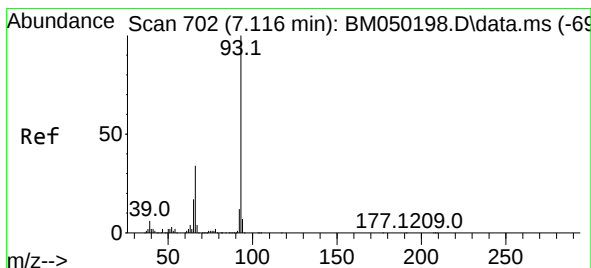
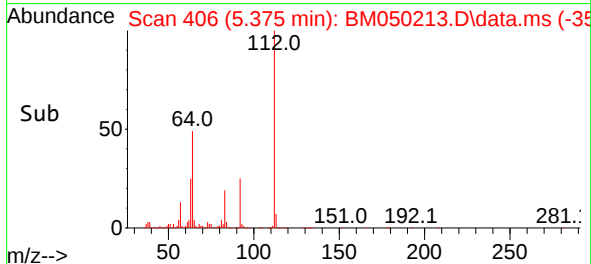
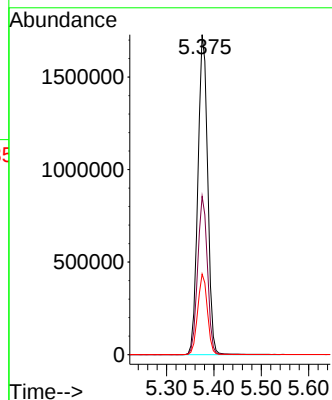
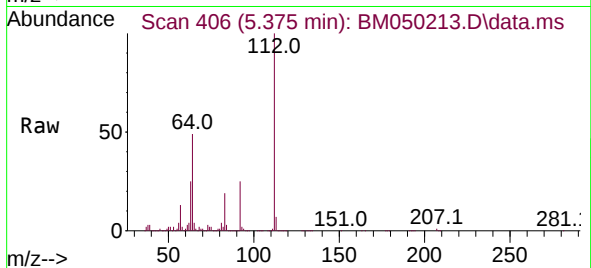




#5
2-Fluorophenol
Concen: 118.911 ng
RT: 5.375 min Scan# 405
Delta R.T. -0.000 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

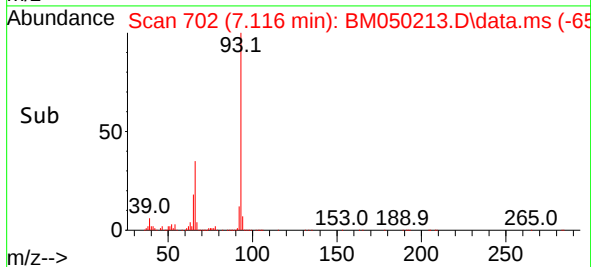
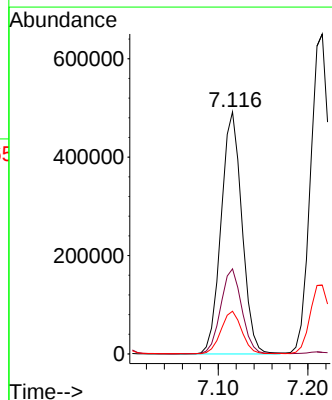
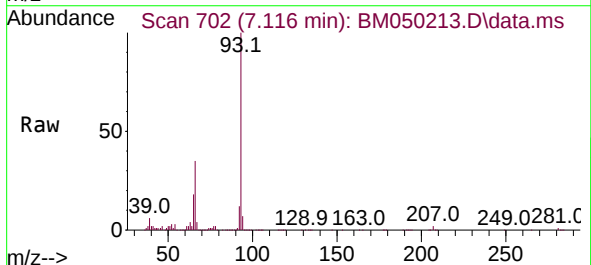
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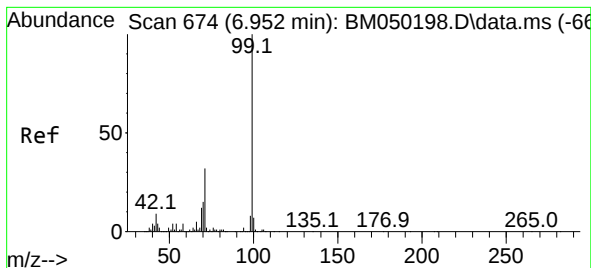
Tgt Ion:112 Resp: 2485049
Ion Ratio Lower Upper
112 100
64 49.5 39.8 59.6
63 25.2 19.8 29.8



#6
Aniline
Concen: 21.886 ng
RT: 7.116 min Scan# 702
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion: 93 Resp: 795951
Ion Ratio Lower Upper
93 100
66 35.2 27.4 41.2
65 17.6 13.6 20.4

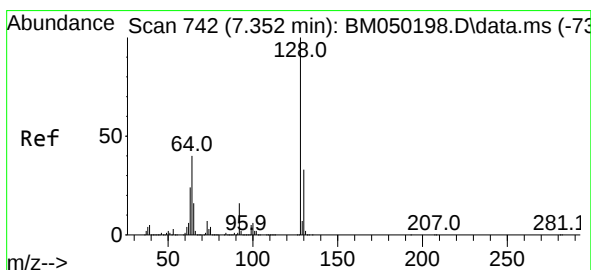
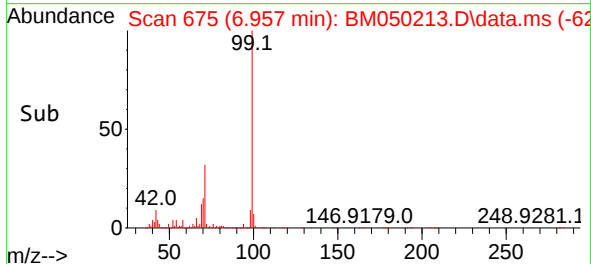
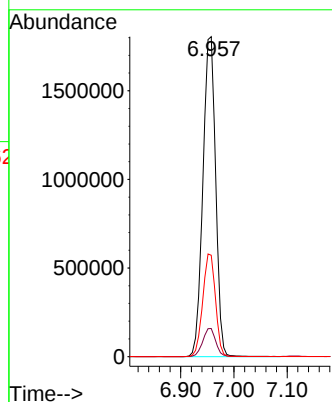
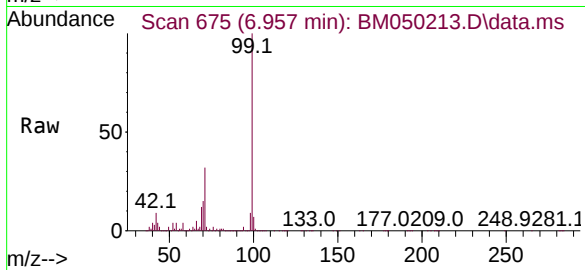




#7
Phenol-d6
Concen: 108.862 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050213.D
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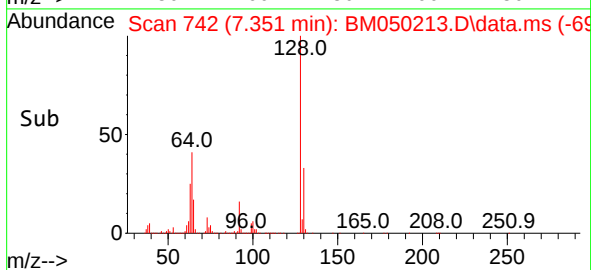
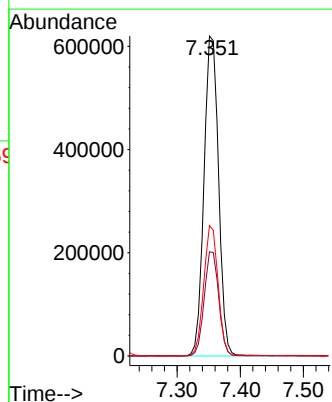
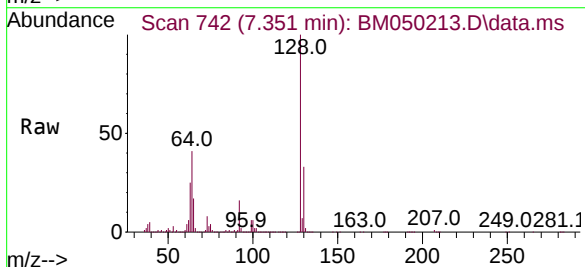
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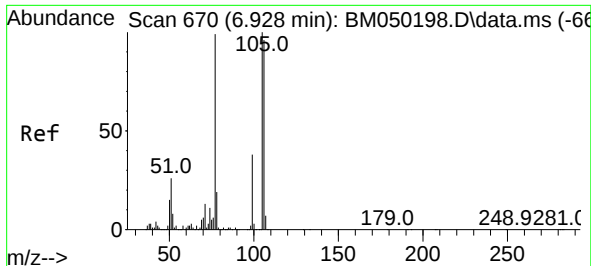
Tgt Ion: 99 Resp: 2994886
Ion Ratio Lower Upper
99 100
42 8.8 6.9 10.3
71 31.7 25.3 37.9



#8
2-Chlorophenol
Concen: 43.281 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.006 min
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Tgt Ion: 128 Resp: 994911
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 40.7 19.8 59.8

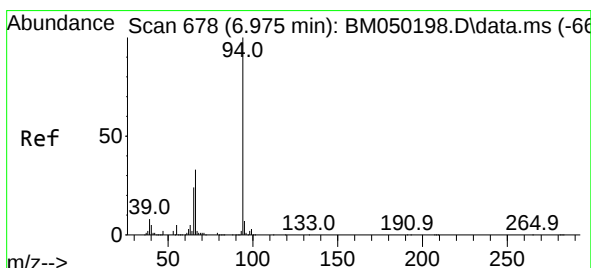
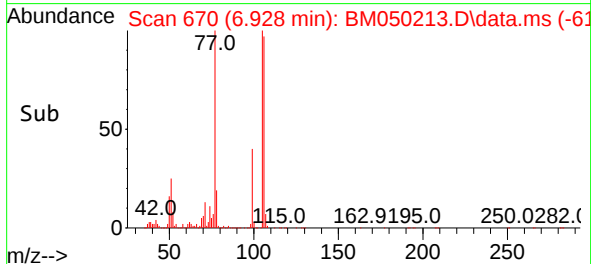
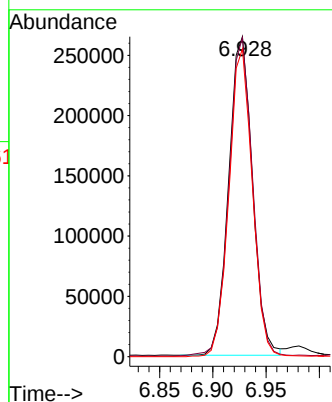
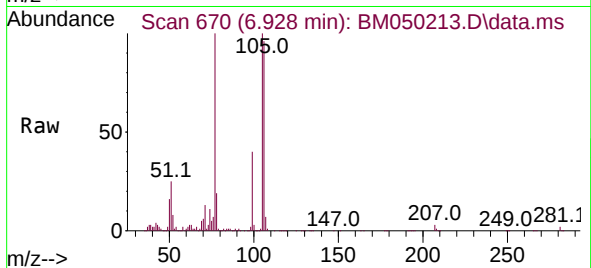




#9
Benzaldehyde
Concen: 23.418 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

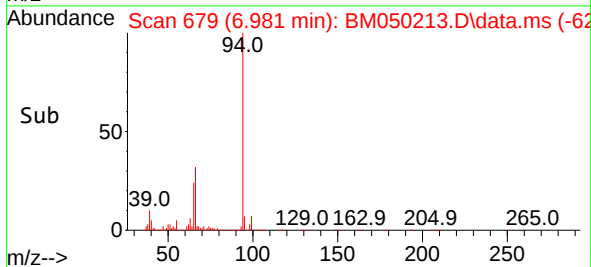
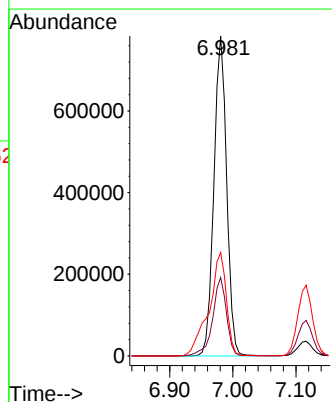
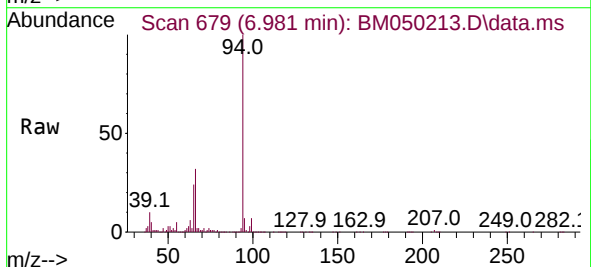
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

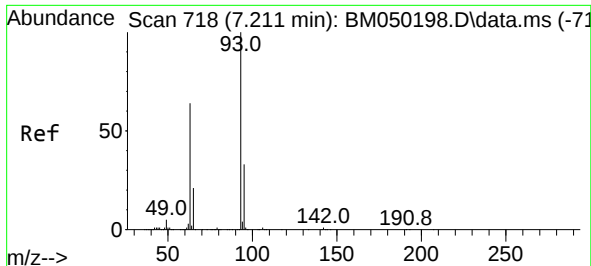
Tgt Ion: 77 Resp: 409612
Ion Ratio Lower Upper
77 100
105 99.7 80.9 120.9
106 96.2 77.1 117.1



#10
Phenol
Concen: 37.866 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion: 94 Resp: 1102221
Ion Ratio Lower Upper
94 100
65 24.5 4.3 44.3
66 32.3 12.9 52.9

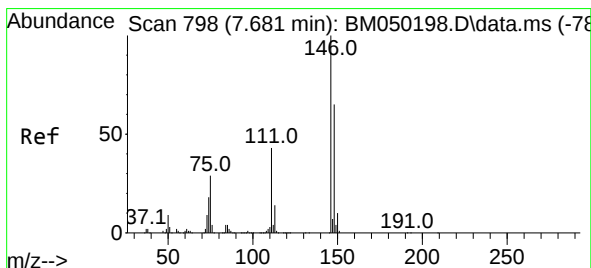
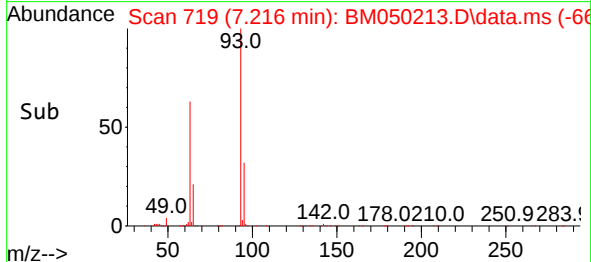
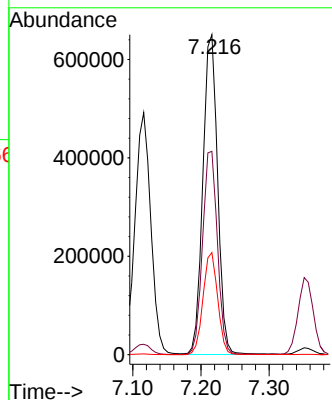
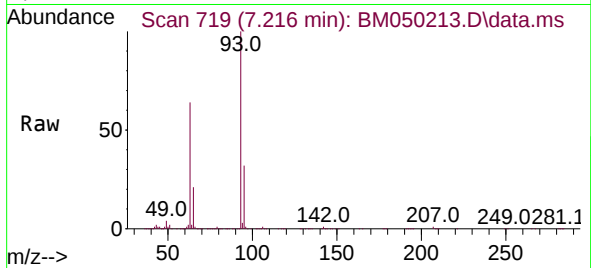




#11
bis(2-Chloroethyl)ether
Concen: 41.885 ng
RT: 7.216 min Scan# 718
Delta R.T. -0.000 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

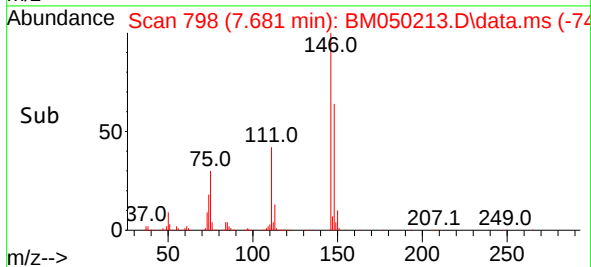
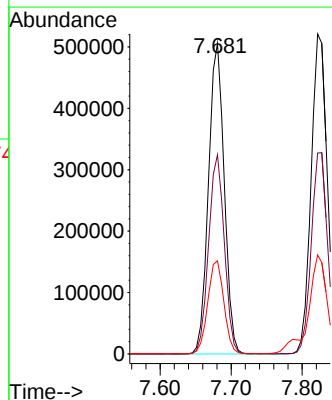
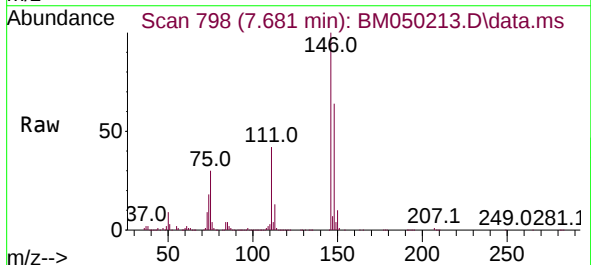
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

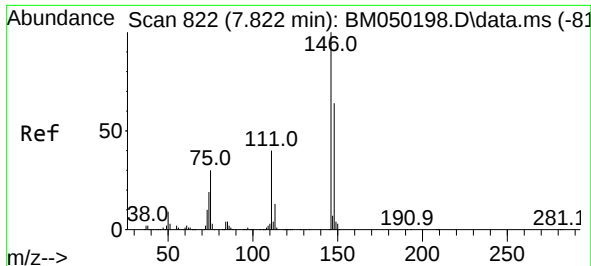
Tgt Ion: 93 Resp: 980654
Ion Ratio Lower Upper
93 100
63 63.5 43.9 83.9
95 31.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 30.193 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion: 146 Resp: 775911
Ion Ratio Lower Upper
146 100
148 64.1 51.9 77.9
75 29.9 23.4 35.0

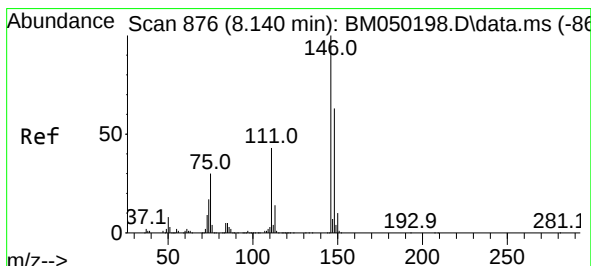
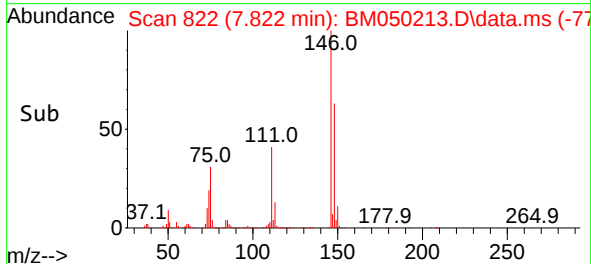
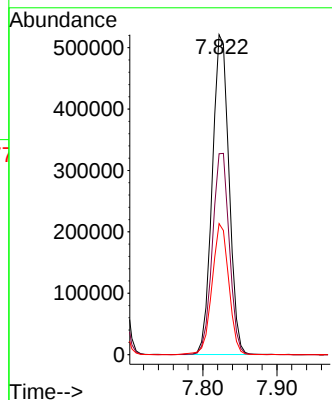
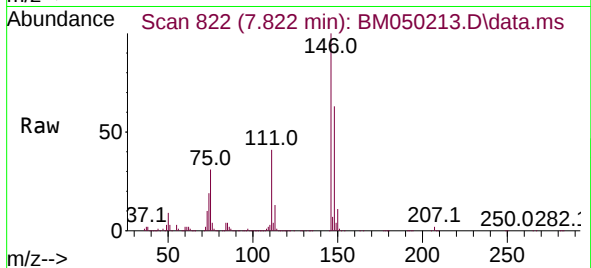




#13
1,4-Dichlorobenzene
Concen: 30.602 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

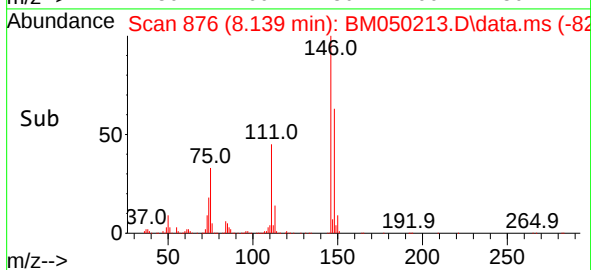
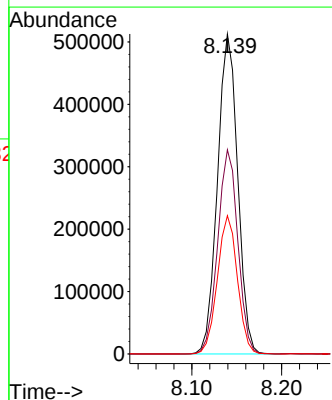
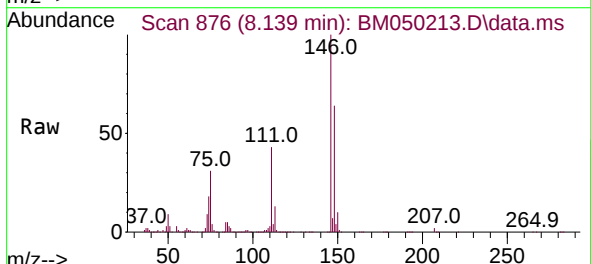
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

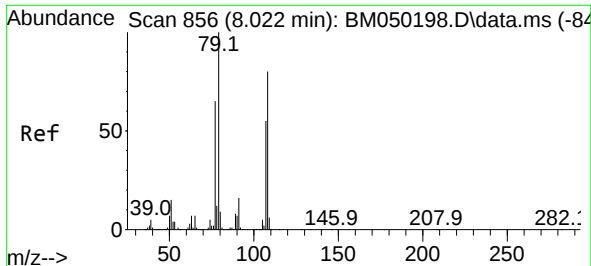
Tgt Ion:146 Resp: 818226
Ion Ratio Lower Upper
146 100
148 62.8 51.4 77.0
111 40.9 32.3 48.5



#14
1,2-Dichlorobenzene
Concen: 31.663 ng
RT: 8.139 min Scan# 876
Delta R.T. -0.000 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion:146 Resp: 807074
Ion Ratio Lower Upper
146 100
148 63.8 50.4 75.6
111 43.2 34.3 51.5

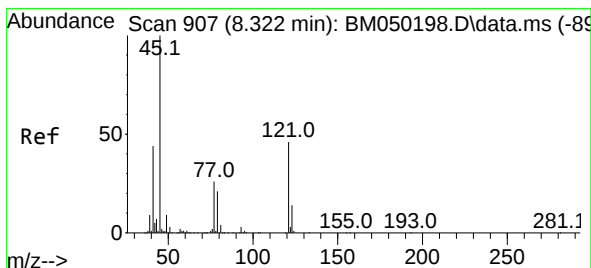
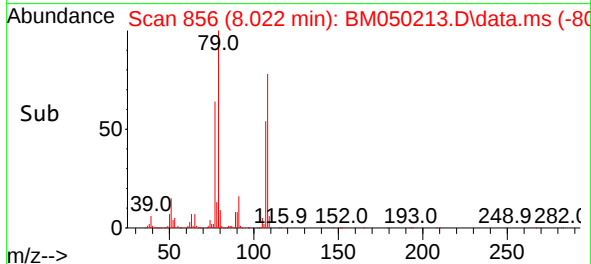
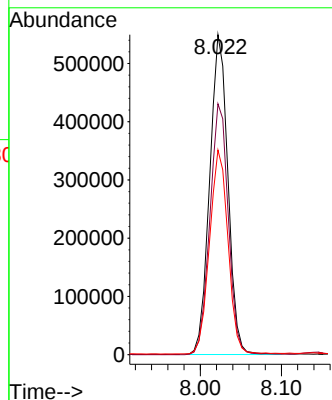
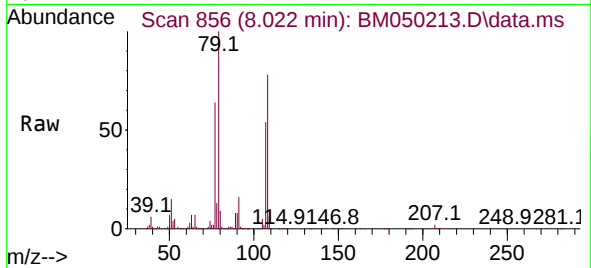




#15
Benzyl Alcohol
Concen: 43.752 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

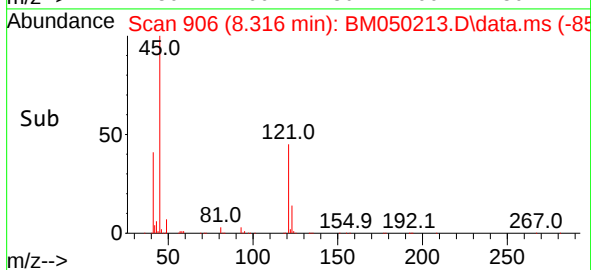
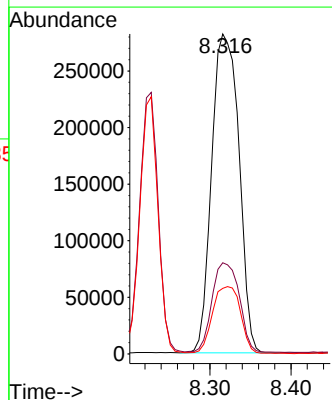
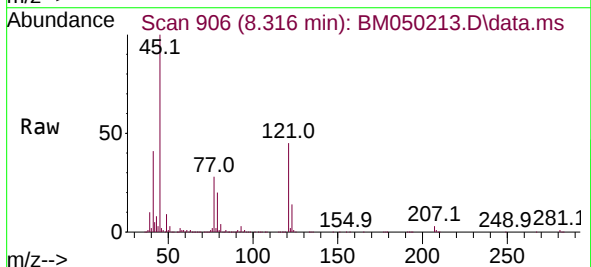
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

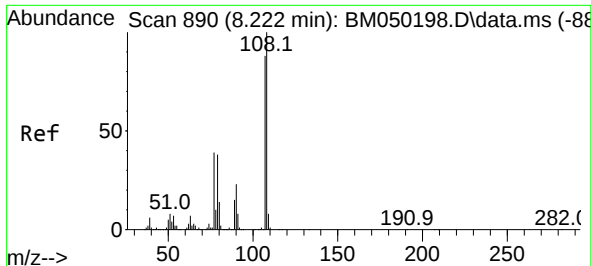
Tgt Ion: 79 Resp: 858483
Ion Ratio Lower Upper
79 100
108 78.4 64.0 96.0
77 63.9 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.447 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion: 45 Resp: 657839
Ion Ratio Lower Upper
45 100
77 28.5 8.7 48.7
79 20.5 2.7 42.7



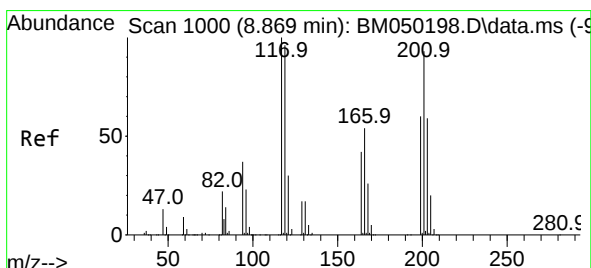
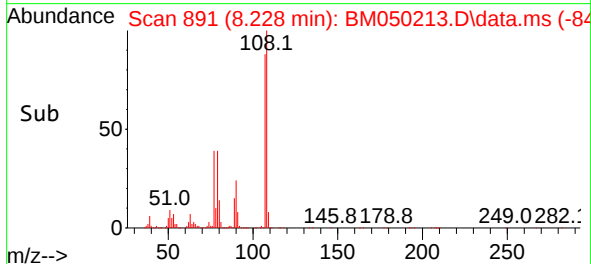
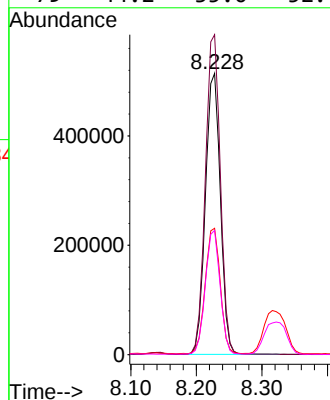
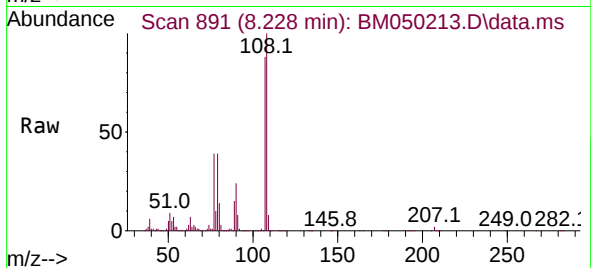


#17
2-Methylphenol
Concen: 42.295 ng
RT: 8.228 min Scan# 890
Delta R.T. -0.000 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Instrument :
BNA_M
ClientSampleId :
COMP-12MS

Tgt Ion:107 Resp: 812312

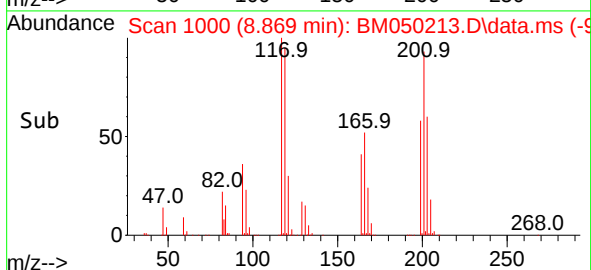
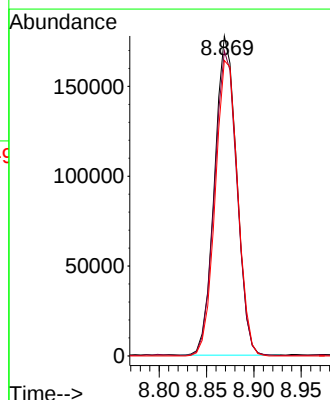
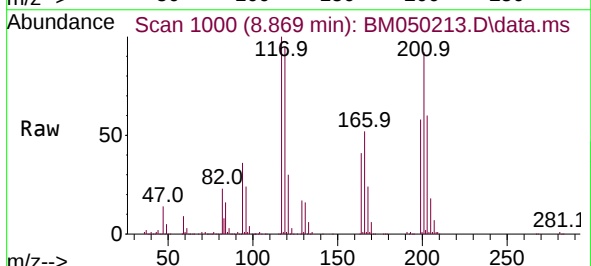
Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.8	136.2
77	44.9	35.7	53.5
79	44.2	35.0	52.4

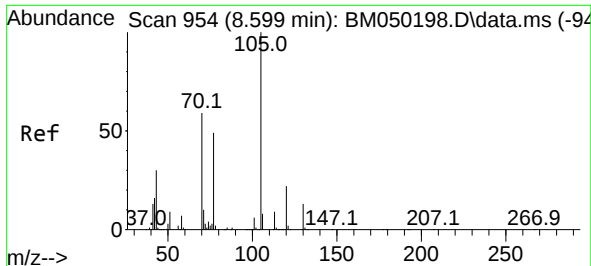


#18
Hexachloroethane
Concen: 29.843 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion:117 Resp: 288971

Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.0	115.6
201	92.3	74.6	111.8



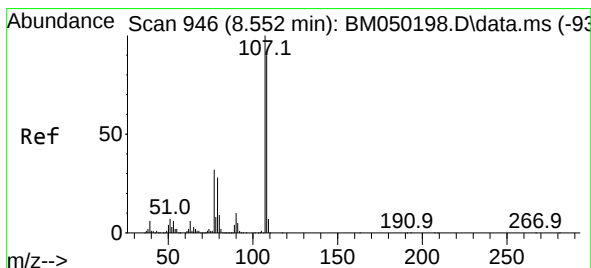
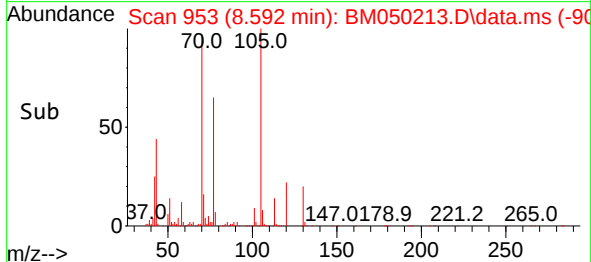
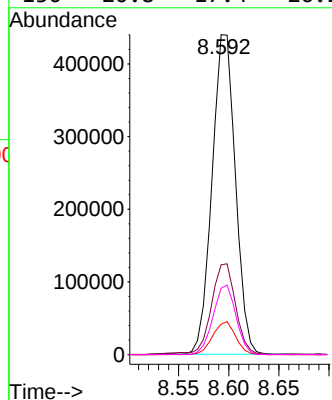
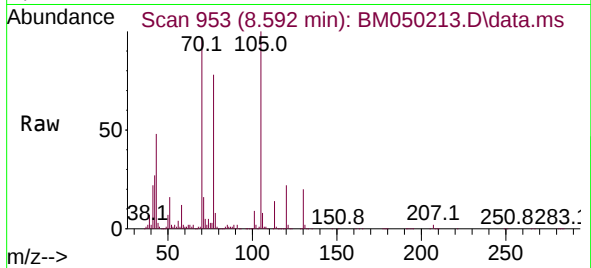


#19
n-Nitroso-di-n-propylamine
Concen: 42.380 ng
RT: 8.592 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Instrument :
BNA_M
ClientSampleId :
COMP-12MS

Tgt Ion: 70 Resp: 713472

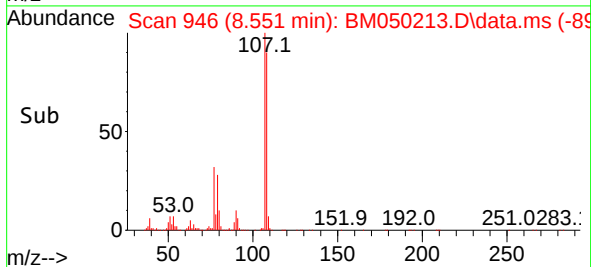
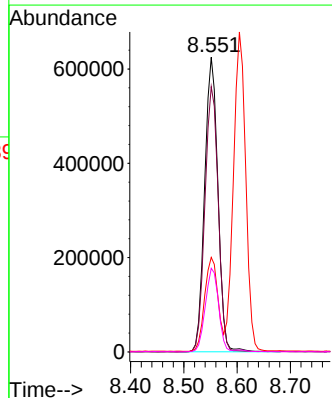
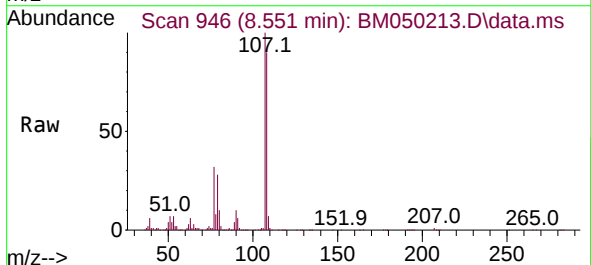
Ion	Ratio	Lower	Upper
70	100		
42	28.1	22.6	33.8
101	9.5	8.3	12.5
130	20.8	17.4	26.2

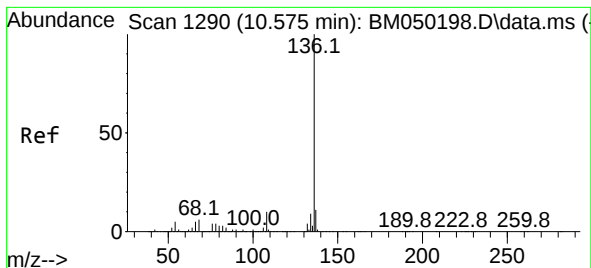


#20
3+4-Methylphenols
Concen: 42.004 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion: 107 Resp: 1079323

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.4	110.4
77	32.1	12.2	52.2
79	28.4	7.7	47.7

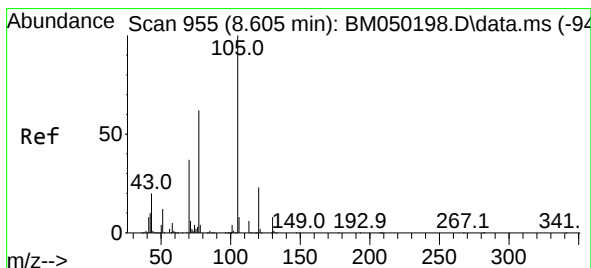
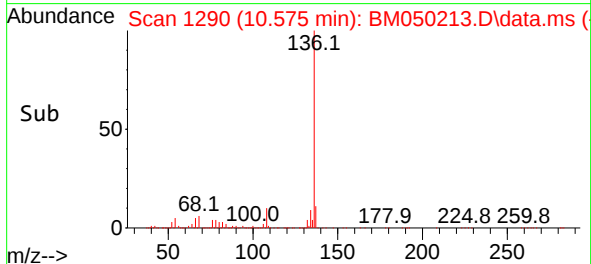
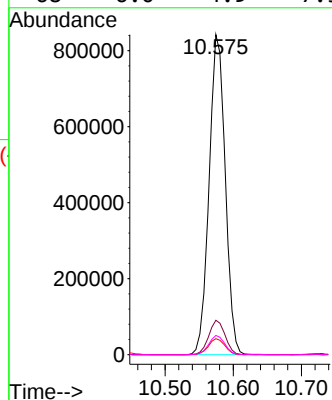
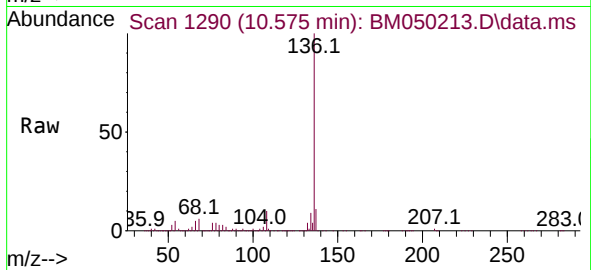




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

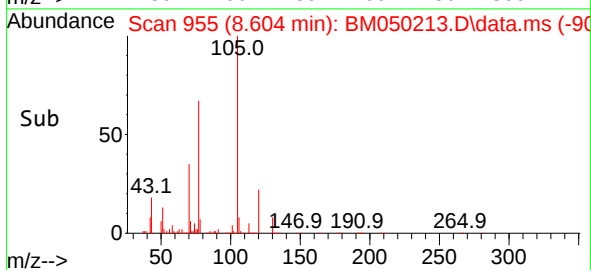
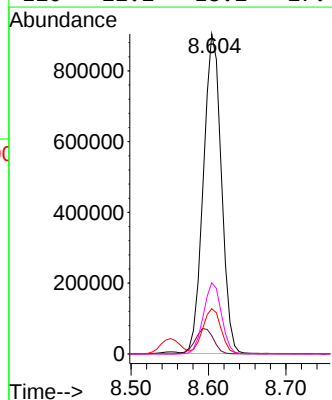
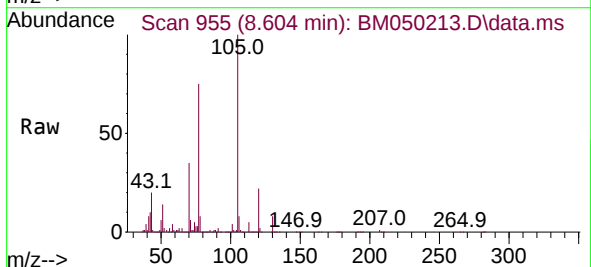
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

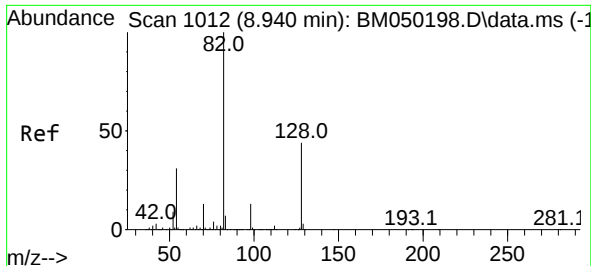
Tgt Ion:136 Resp: 1377434
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.0 3.8 5.8
68 6.0 4.9 7.3



#22
Acetophenone
Concen: 42.311 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion:105 Resp: 1456030
Ion Ratio Lower Upper
105 100
71 5.7 5.0 7.4
51 14.1 11.4 17.2
120 22.2 18.2 27.4

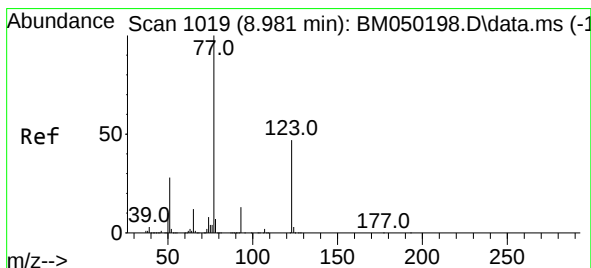
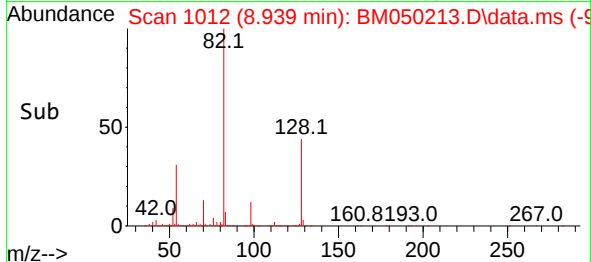
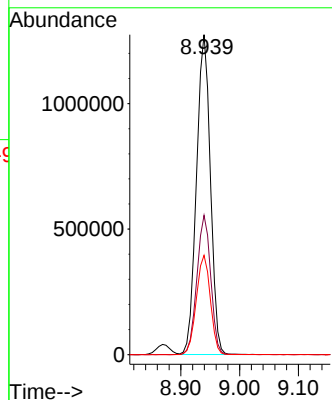
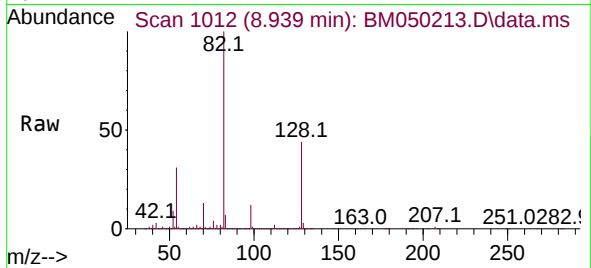




#23
Nitrobenzene-d5
Concen: 79.055 ng
RT: 8.939 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

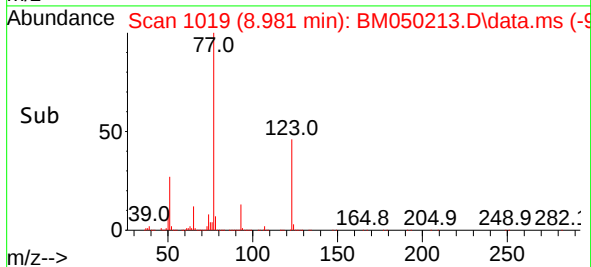
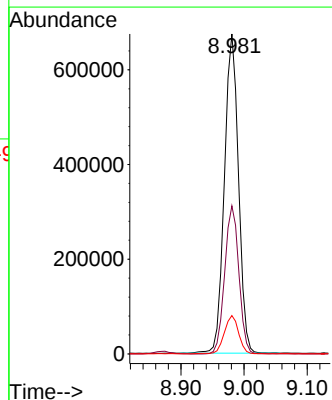
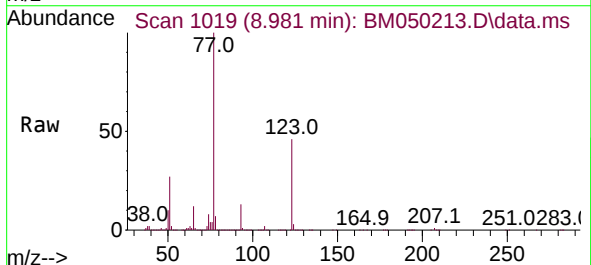
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

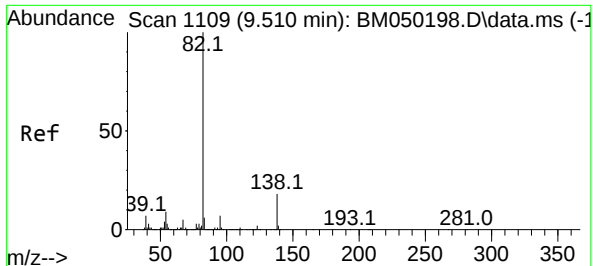
Tgt Ion: 82 Resp: 2093769
Ion Ratio Lower Upper
82 100
128 43.5 35.2 52.8
54 31.0 24.5 36.7



#24
Nitrobenzene
Concen: 43.402 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion: 77 Resp: 1045437
Ion Ratio Lower Upper
77 100
123 46.3 38.2 57.2
65 12.0 9.5 14.3

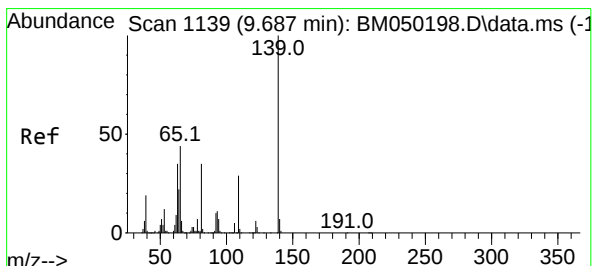
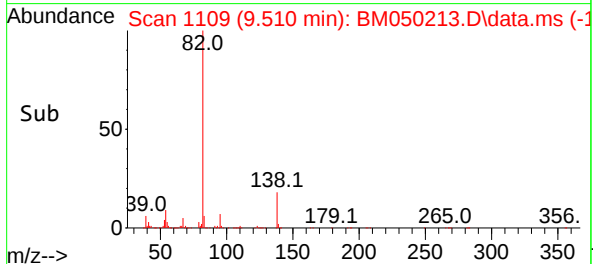
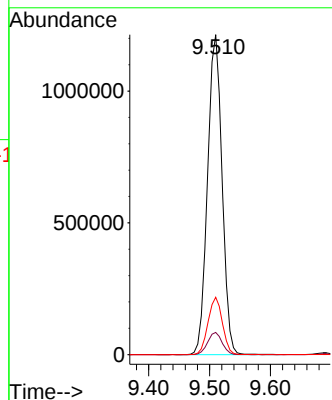
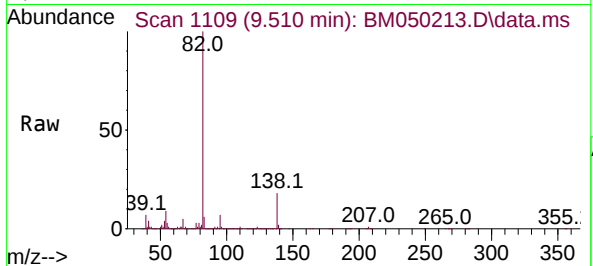




#25
Isophorone
Concen: 43.923 ng
RT: 9.510 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

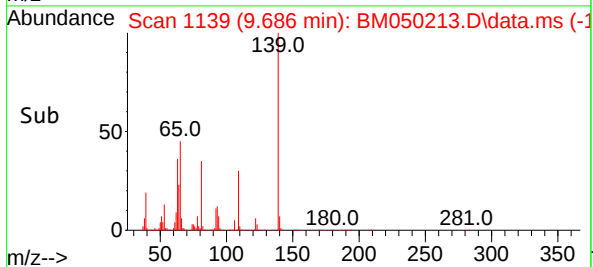
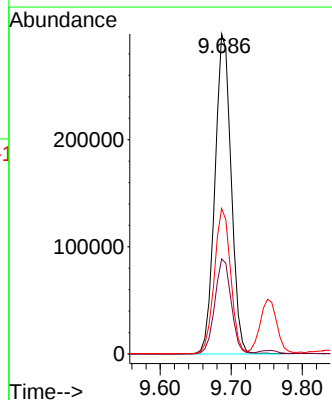
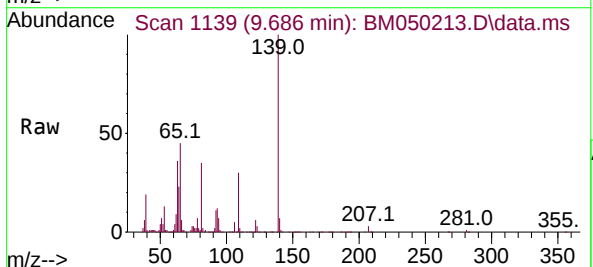
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

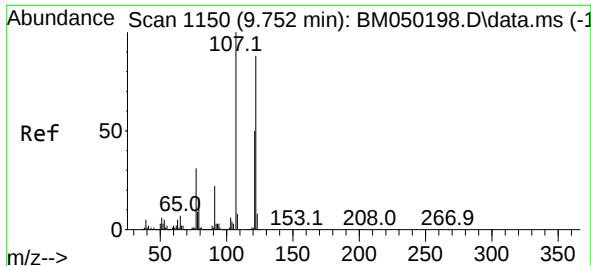
Tgt Ion: 82 Resp: 2007832
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.9 14.2 21.2



#26
2-Nitrophenol
Concen: 45.722 ng
RT: 9.686 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion:139 Resp: 475401
Ion Ratio Lower Upper
139 100
109 29.7 23.3 34.9
65 45.4 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 43.734 ng

RT: 9.751 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

Instrument :

BNA_M

ClientSampleId :

COMP-12MS

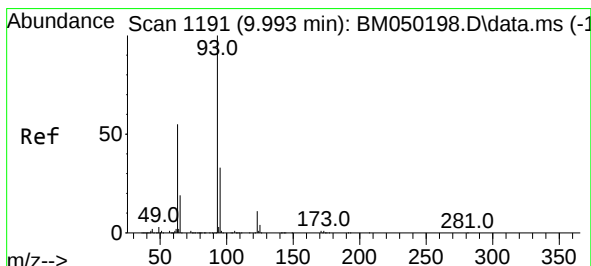
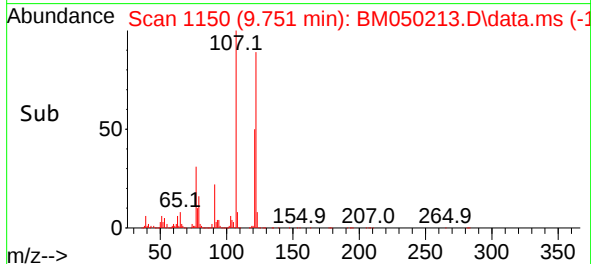
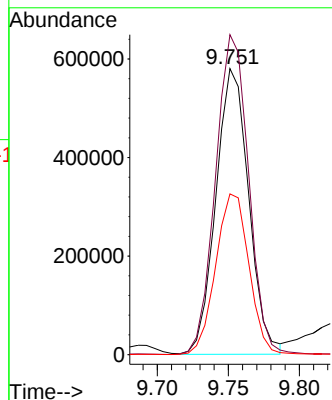
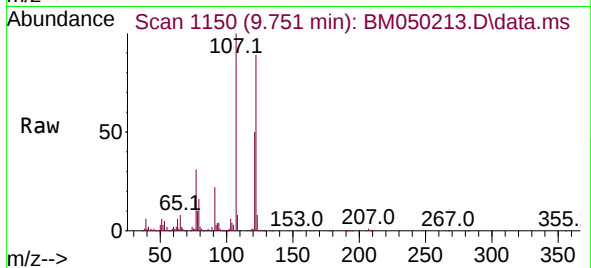
Tgt Ion:122 Resp: 934333

Ion Ratio Lower Upper

122 100

107 111.9 91.0 136.6

121 56.2 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 43.748 ng

RT: 9.992 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

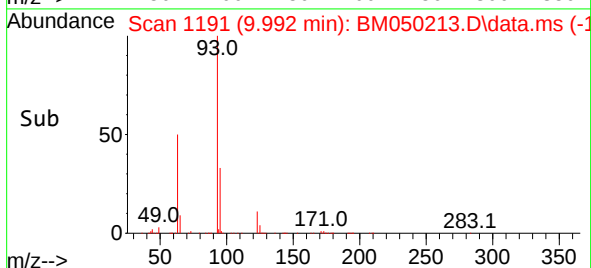
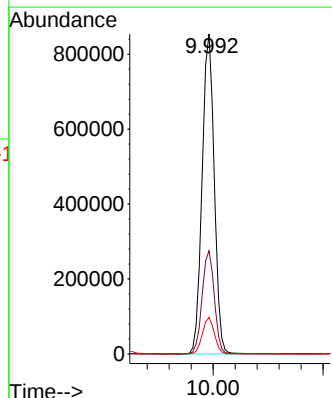
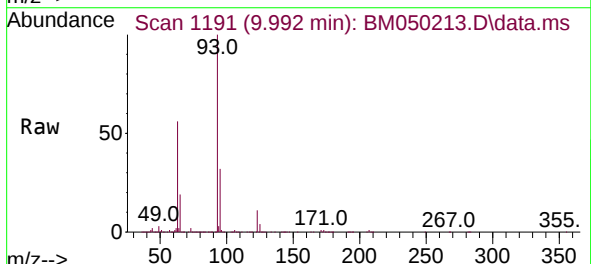
Tgt Ion: 93 Resp: 1306450

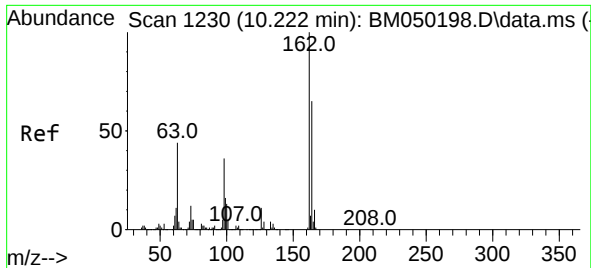
Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.4

123 11.4 8.9 13.3

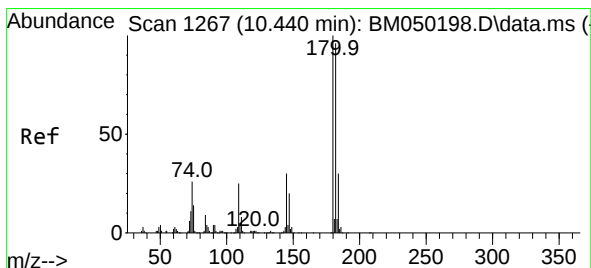
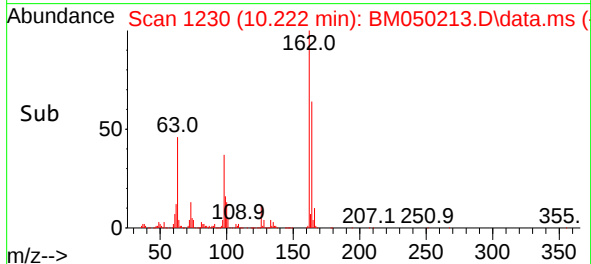
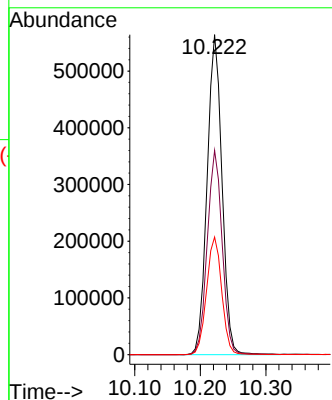
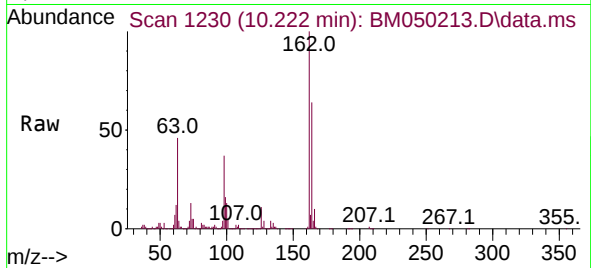




#29
2,4-Dichlorophenol
Concen: 44.867 ng
RT: 10.222 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

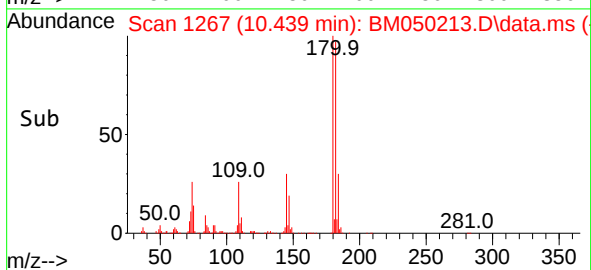
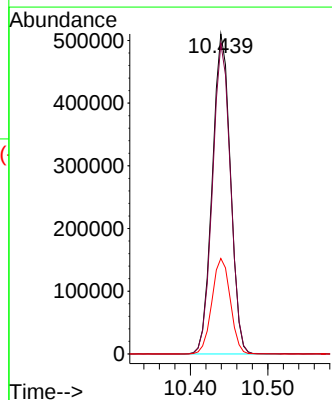
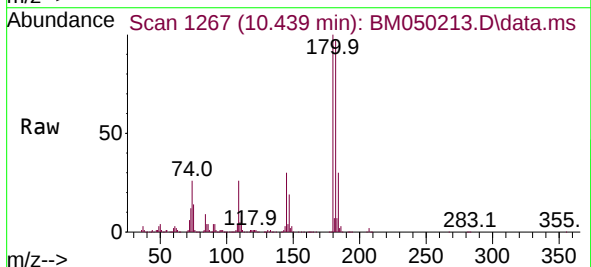
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

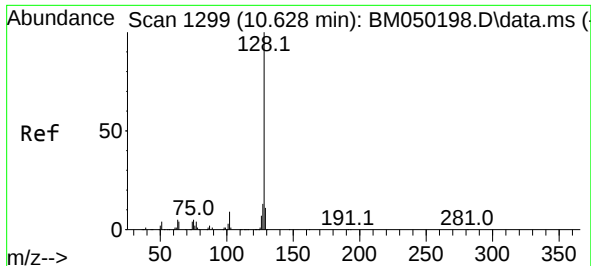
Tgt Ion:162 Resp: 887017
Ion Ratio Lower Upper
162 100
164 63.8 45.0 85.0
98 36.7 16.3 56.3



#30
1,2,4-Trichlorobenzene
Concen: 37.767 ng
RT: 10.439 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion:180 Resp: 830875
Ion Ratio Lower Upper
180 100
182 97.0 76.6 114.8
145 29.8 24.2 36.4

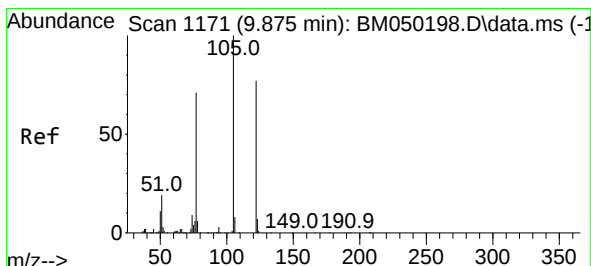
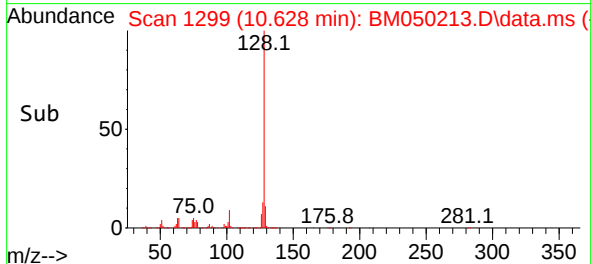
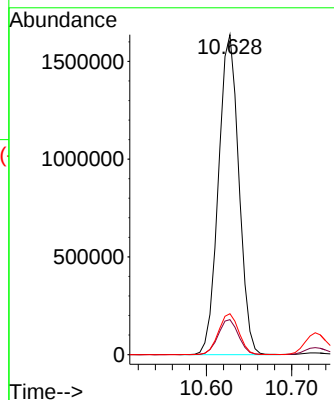
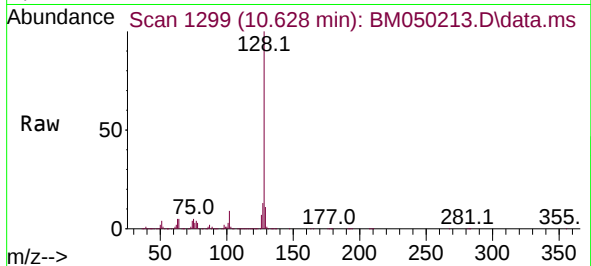




#31
Naphthalene
Concen: 38.113 ng
RT: 10.628 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

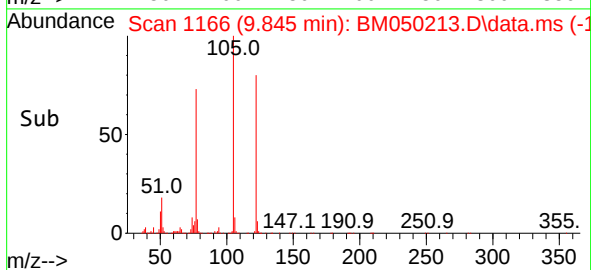
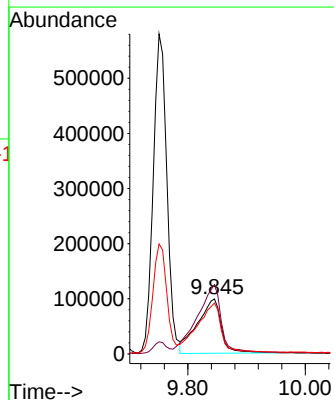
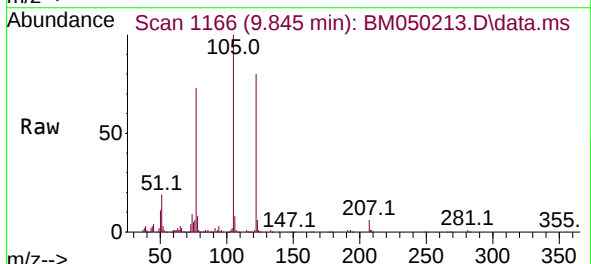
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

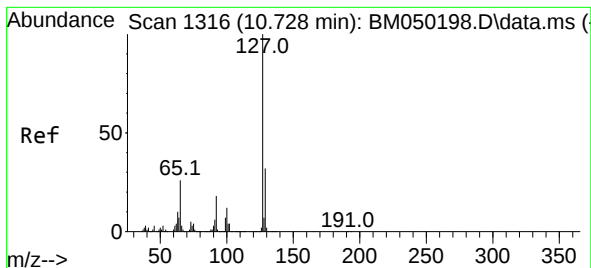
Tgt Ion:128 Resp: 2714278
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 20.941 ng
RT: 9.845 min Scan# 1166
Delta R.T. -0.071 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion:122 Resp: 281160
Ion Ratio Lower Upper
122 100
105 125.8 103.4 143.4
77 92.3 70.3 110.3

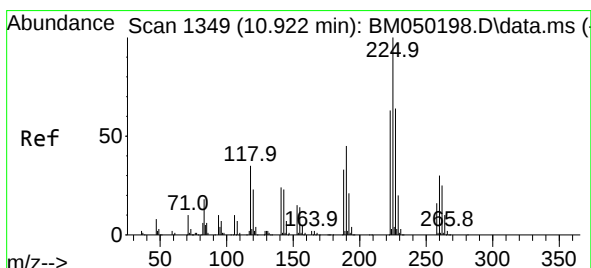
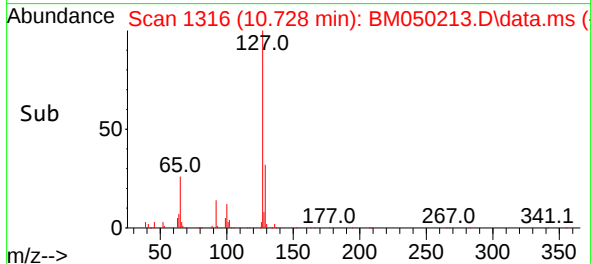
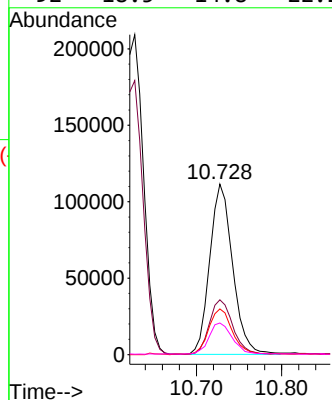
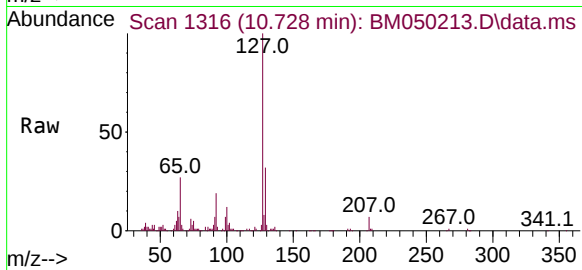




#33
4-Chloroaniline
Concen: 6.853 ng
RT: 10.728 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

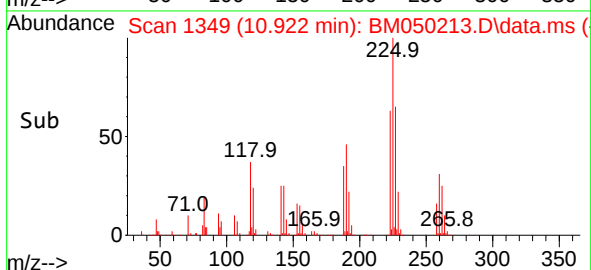
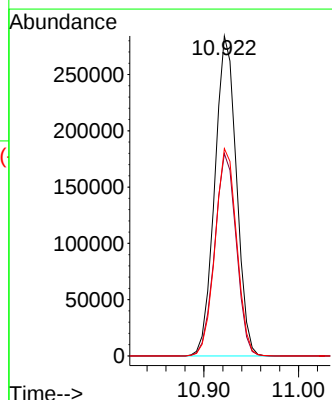
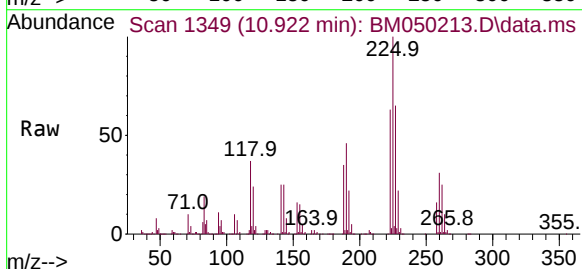
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

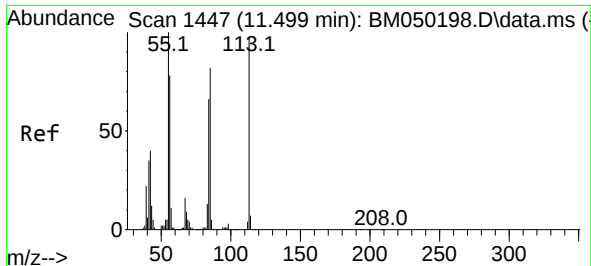
Tgt Ion:	127	Resp:	208080
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.4	38.0
65	26.8	21.0	31.4
92	18.5	14.8	22.2



#34
Hexachlorobutadiene
Concen: 34.468 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion:	225	Resp:	451045
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.2
227	64.8	51.0	76.4

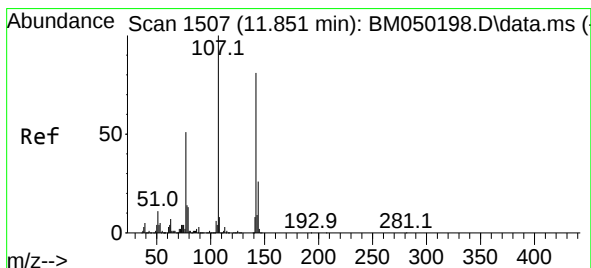
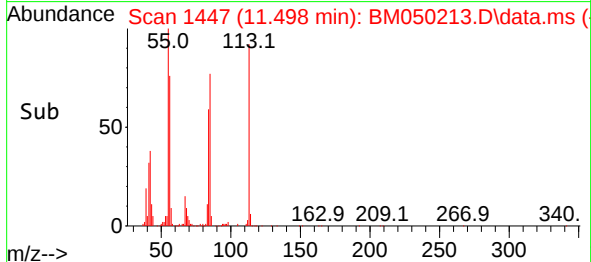
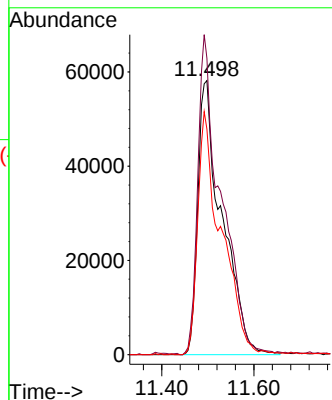
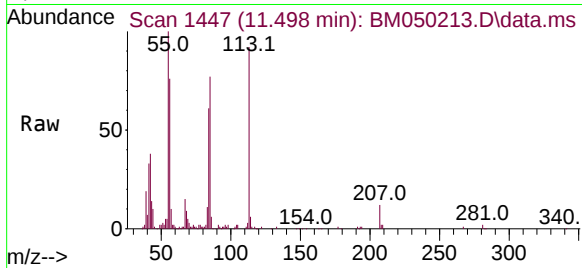




#35
 Caprolactam
 Concen: 33.684 ng
 RT: 11.498 min Scan# 1447
 Delta R.T. -0.024 min
 Lab File: BM050213.D
 Acq: 06 Jun 2025 14:06

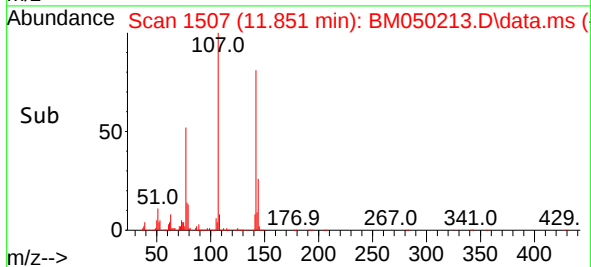
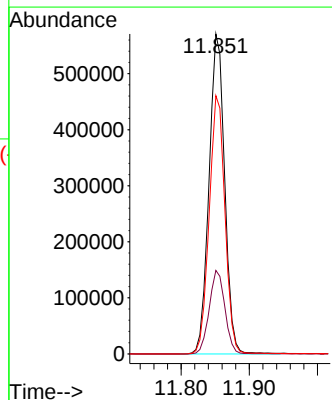
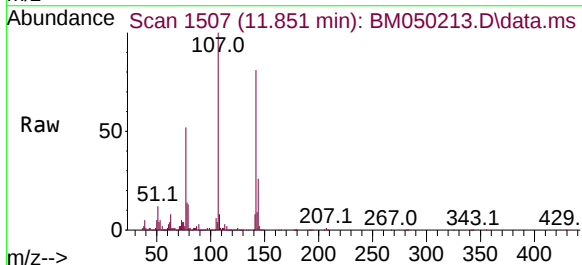
Instrument :
 BNA_M
 ClientSampleId :
 COMP-12MS

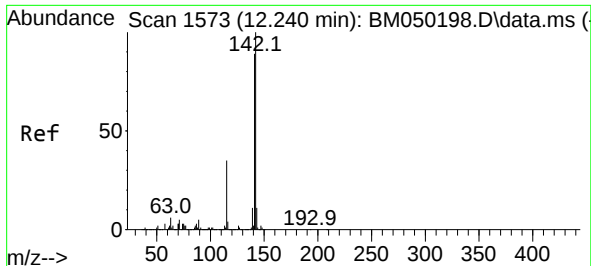
Tgt Ion:113 Resp: 211120
 Ion Ratio Lower Upper
 113 100
 55 108.1 83.5 123.5
 56 82.2 60.6 100.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.119 ng
 RT: 11.851 min Scan# 1507
 Delta R.T. -0.006 min
 Lab File: BM050213.D
 Acq: 06 Jun 2025 14:06

Tgt Ion:107 Resp: 909622
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.0 31.6
 142 80.7 64.8 97.2

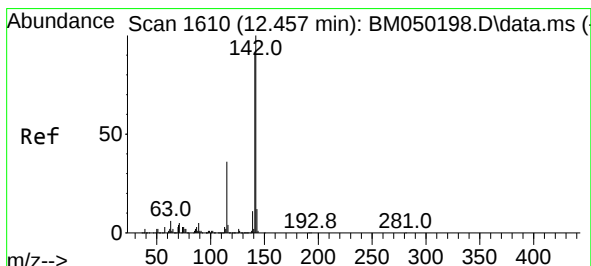
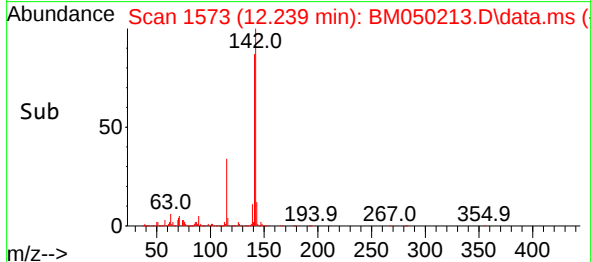
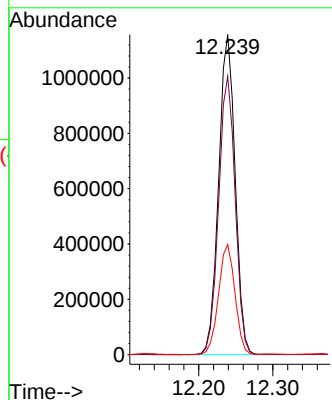
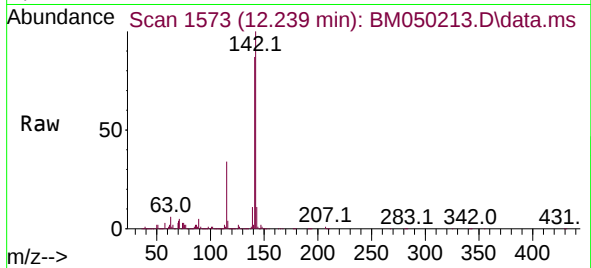




#37
2-Methylnaphthalene
Concen: 41.609 ng
RT: 12.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

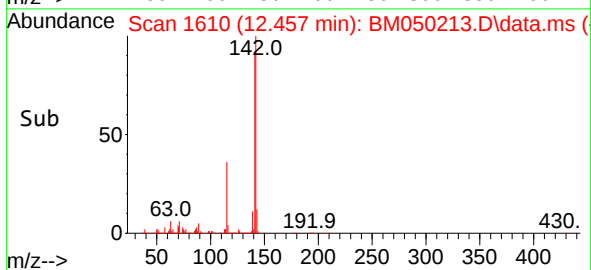
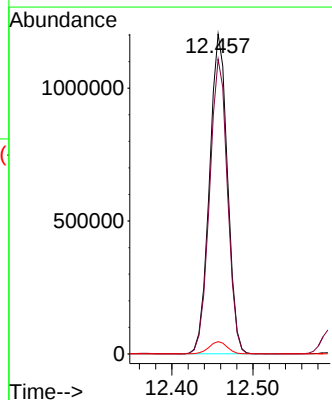
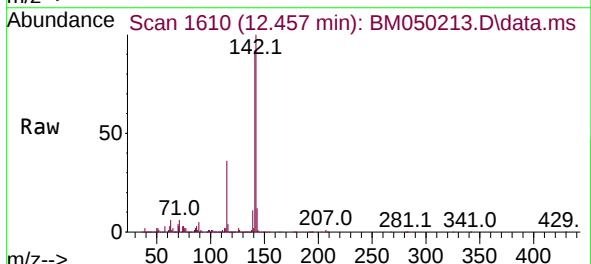
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

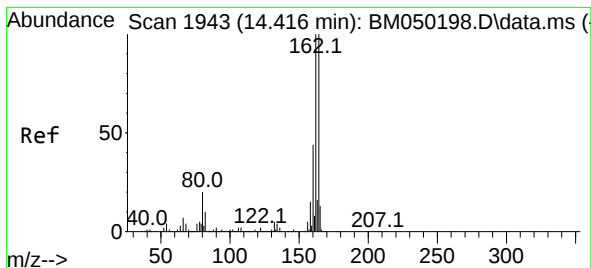
Tgt Ion:142 Resp: 1787634
Ion Ratio Lower Upper
142 100
141 87.0 71.5 107.3
115 34.4 27.8 41.8



#38
1-Methylnaphthalene
Concen: 40.739 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion:142 Resp: 1857710
Ion Ratio Lower Upper
142 100
141 92.1 72.9 109.3
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.416 min Scan# 1943

Delta R.T. -0.000 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

Instrument :

BNA_M

ClientSampleId :

COMP-12MS

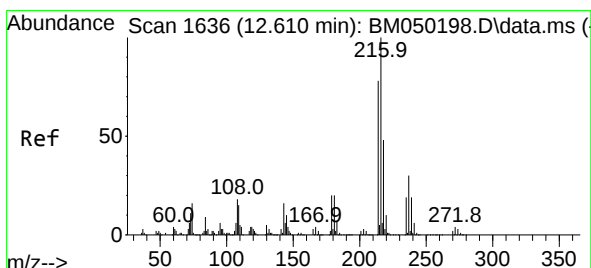
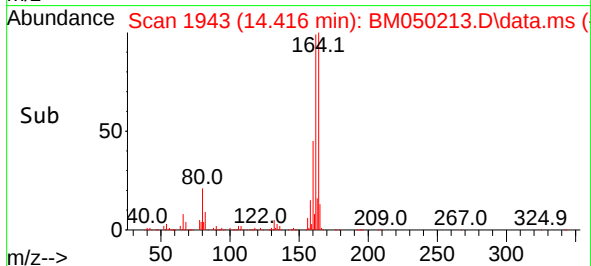
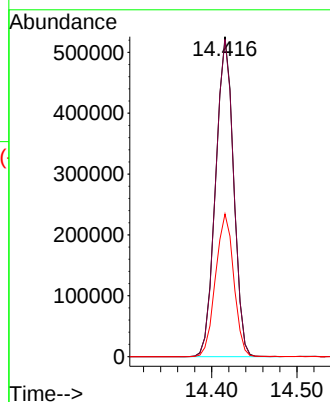
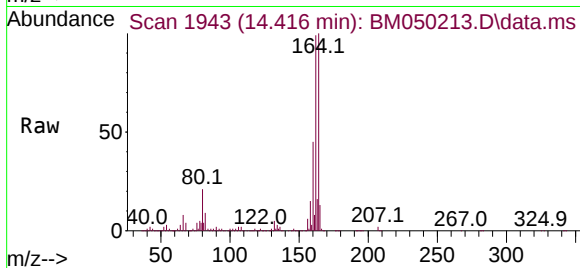
Tgt Ion:164 Resp: 768114

Ion Ratio Lower Upper

164 100

162 99.1 80.2 120.4

160 44.6 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.663 ng

RT: 12.610 min Scan# 1636

Delta R.T. -0.000 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

Tgt Ion:216 Resp: 968442

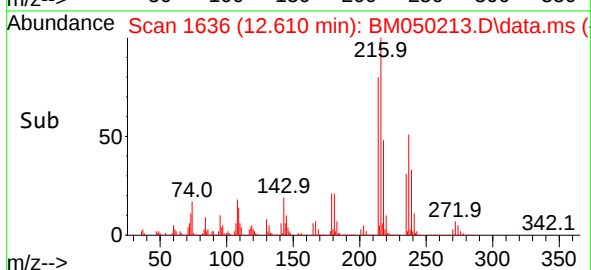
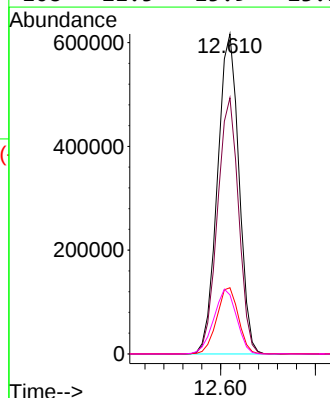
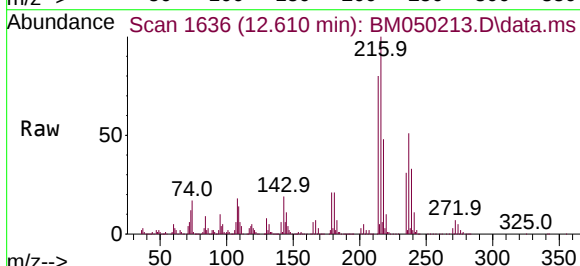
Ion Ratio Lower Upper

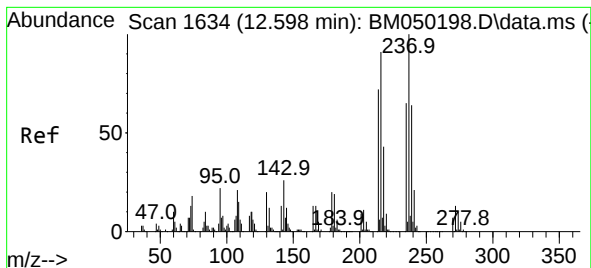
216 100

214 78.9 63.0 94.4

179 20.9 16.6 25.0

108 21.5 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 83.526 ng

RT: 12.598 min Scan# 1634

Delta R.T. -0.000 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

Instrument :

BNA_M

ClientSampleId :

COMP-12MS

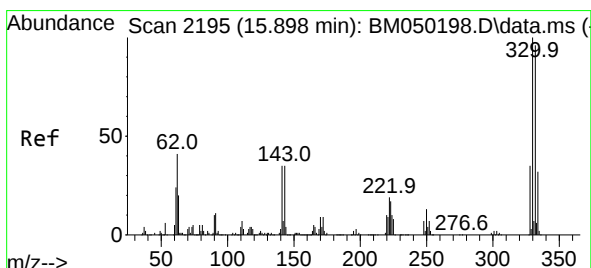
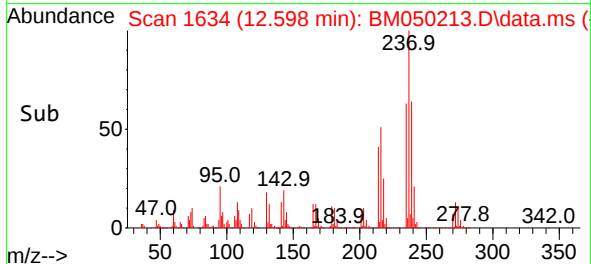
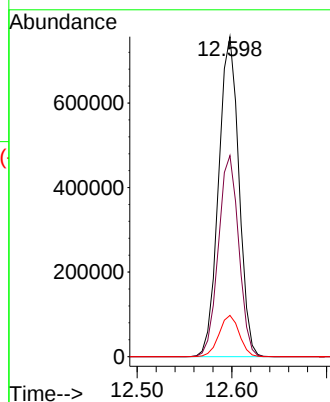
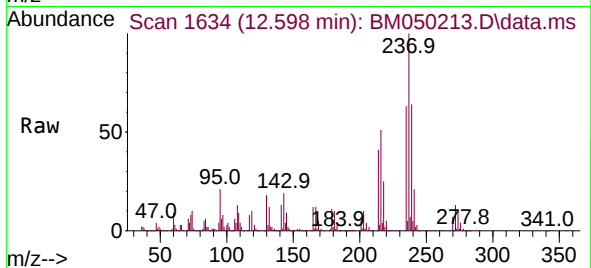
Tgt Ion:237 Resp: 1125098

Ion Ratio Lower Upper

237 100

235 62.8 44.6 84.6

272 12.9 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 122.448 ng

RT: 15.898 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

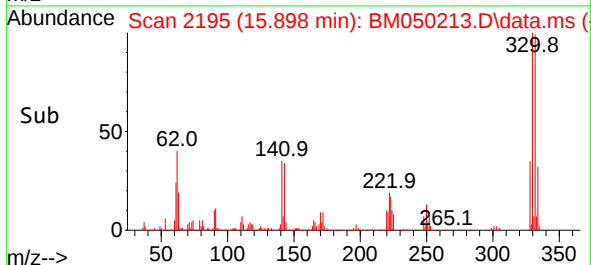
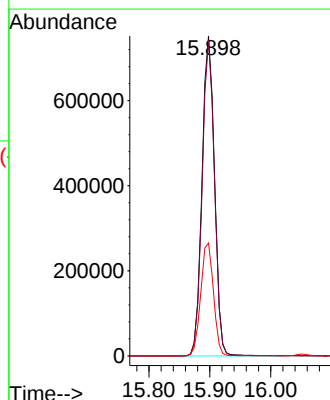
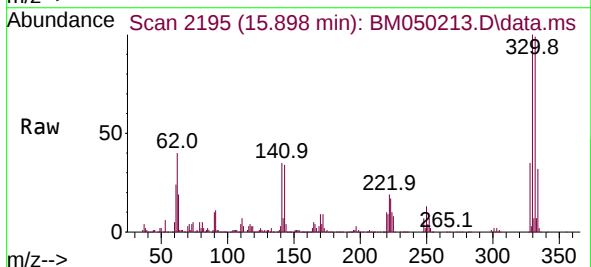
Tgt Ion:330 Resp: 1069797

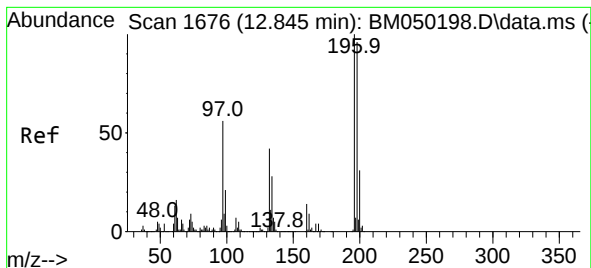
Ion Ratio Lower Upper

330 100

332 97.0 77.5 116.3

141 36.1 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 46.349 ng

RT: 12.845 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

Instrument :

BNA_M

ClientSampleId :

COMP-12MS

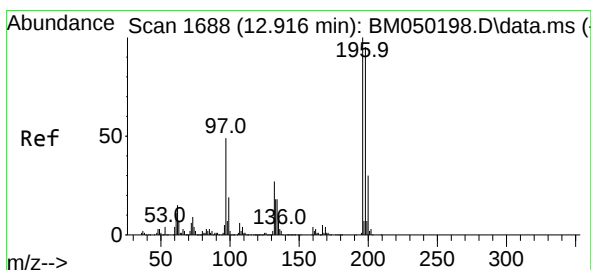
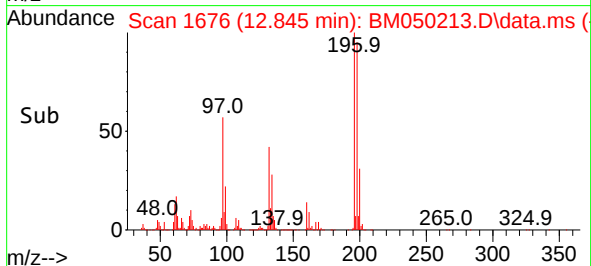
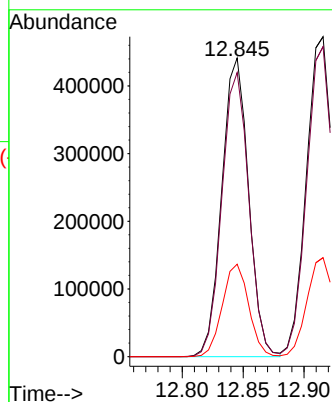
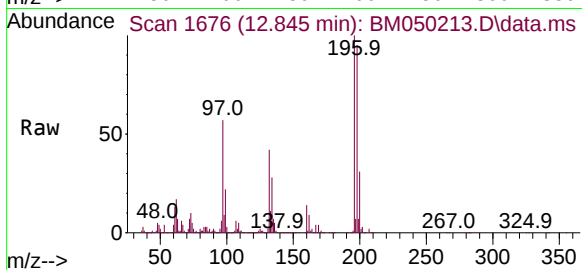
Tgt Ion:196 Resp: 676045

Ion Ratio Lower Upper

196 100

198 95.1 76.6 115.0

200 30.9 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 45.543 ng

RT: 12.916 min Scan# 1688

Delta R.T. -0.000 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

Tgt Ion:196 Resp: 729356

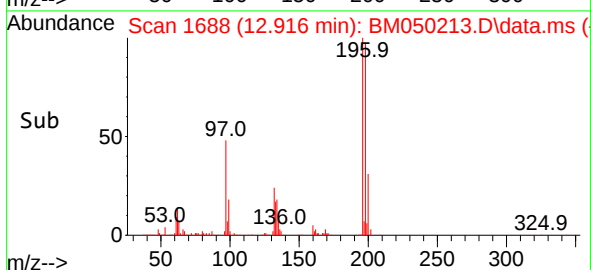
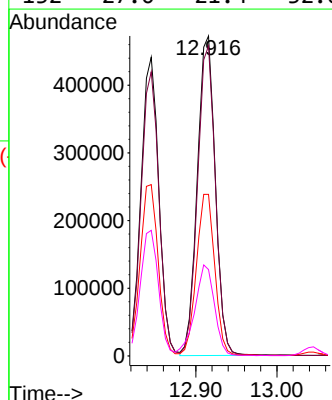
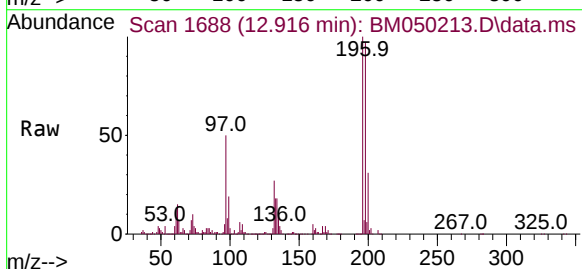
Ion Ratio Lower Upper

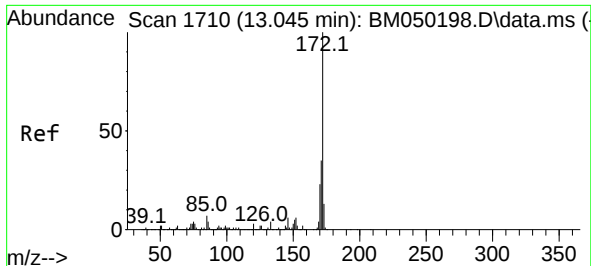
196 100

198 96.9 76.1 114.1

97 50.5 39.3 58.9

132 27.0 21.4 32.0

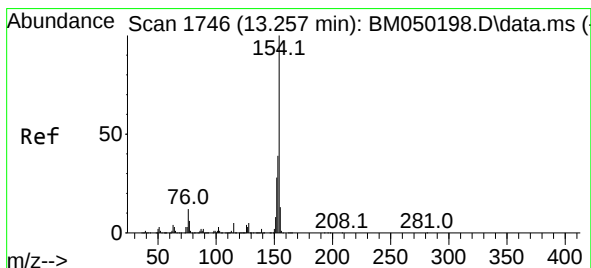
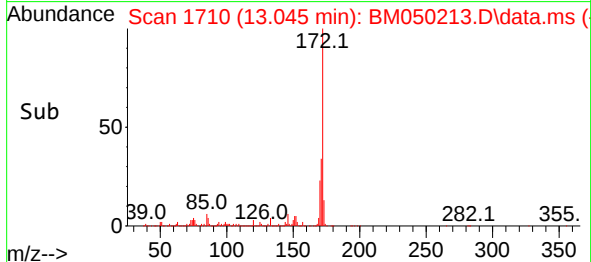
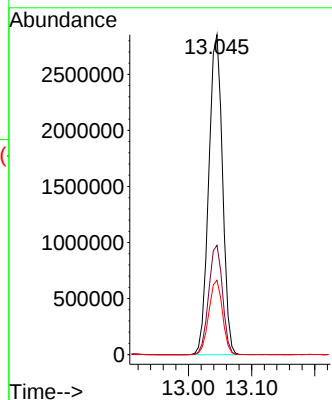
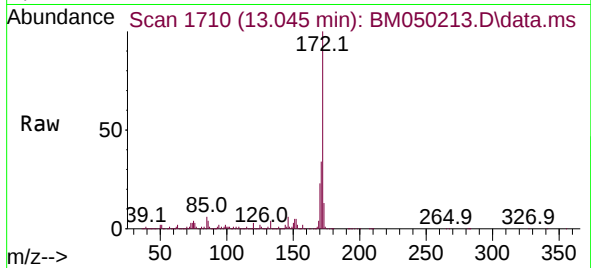




#45
2-Fluorobiphenyl
Concen: 76.030 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

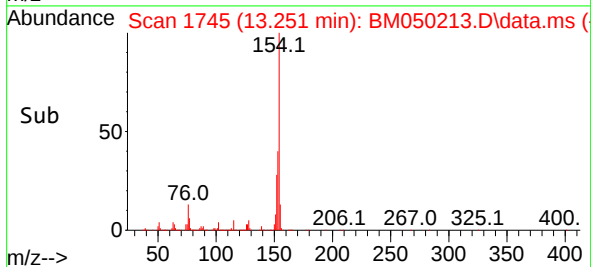
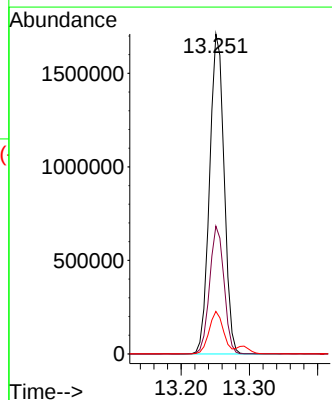
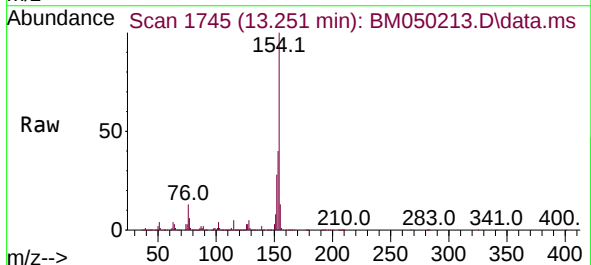
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

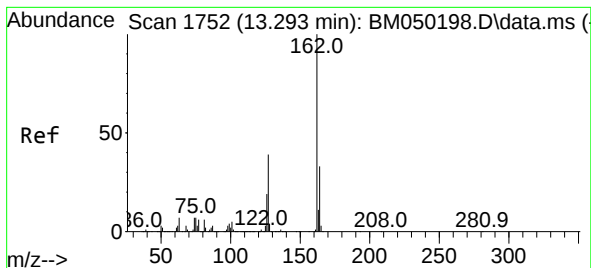
Tgt Ion:172 Resp: 4313578
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.6
170 23.2 18.6 27.8



#46
1,1'-Biphenyl
Concen: 43.996 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion:154 Resp: 2530450
Ion Ratio Lower Upper
154 100
153 39.9 19.2 59.2
76 13.3 0.0 32.0





#47

2-Chloronaphthalene

Concen: 43.283 ng

RT: 13.292 min Scan# 1752

Delta R.T. -0.000 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

Instrument :

BNA_M

ClientSampleId :

COMP-12MS

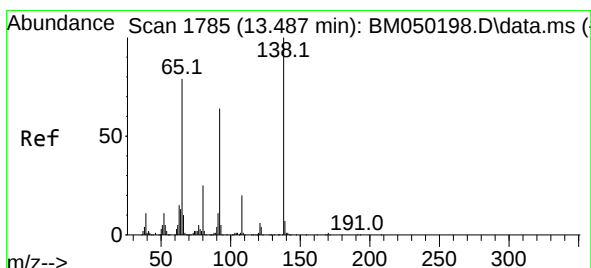
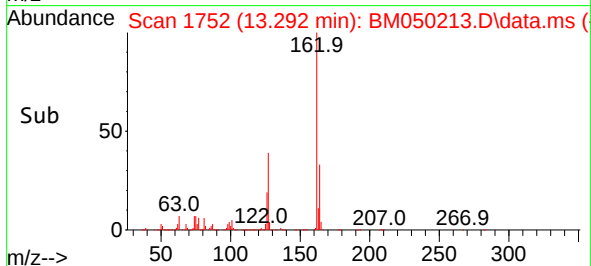
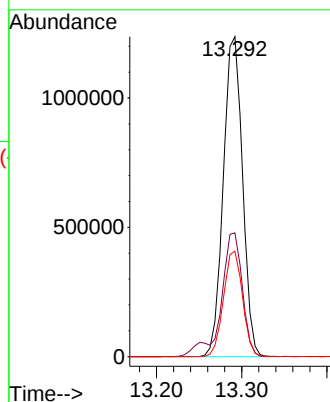
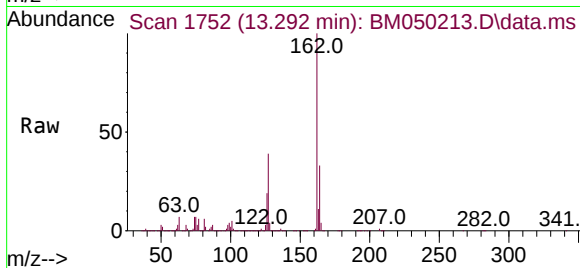
Tgt Ion:162 Resp: 1935364

Ion Ratio Lower Upper

162 100

127 38.7 31.1 46.7

164 32.9 26.5 39.7



#48

2-Nitroaniline

Concen: 48.495 ng

RT: 13.486 min Scan# 1785

Delta R.T. -0.000 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

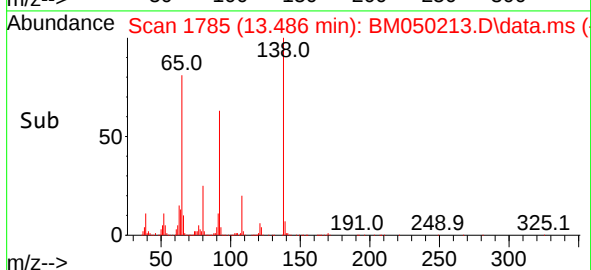
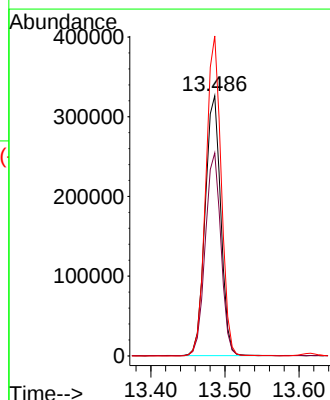
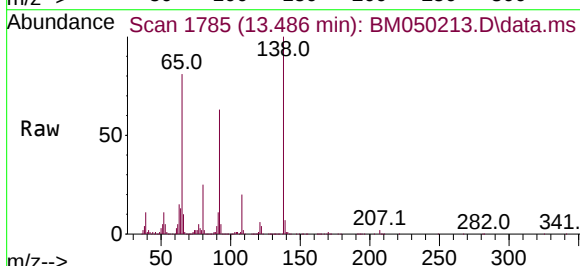
Tgt Ion: 65 Resp: 477197

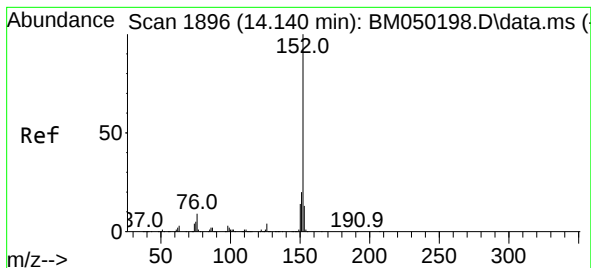
Ion Ratio Lower Upper

65 100

92 78.0 64.2 96.4

138 123.0 101.0 151.4





#49

Acenaphthylene

Concen: 43.602 ng

RT: 14.139 min Scan# 1896

Delta R.T. -0.000 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

Instrument :

BNA_M

ClientSampleId :

COMP-12MS

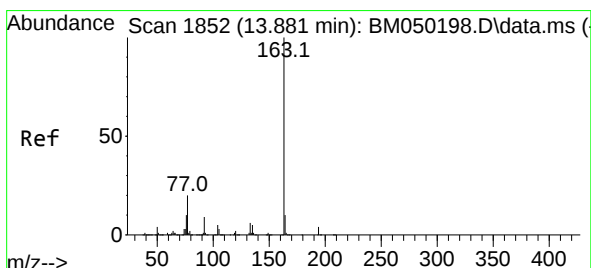
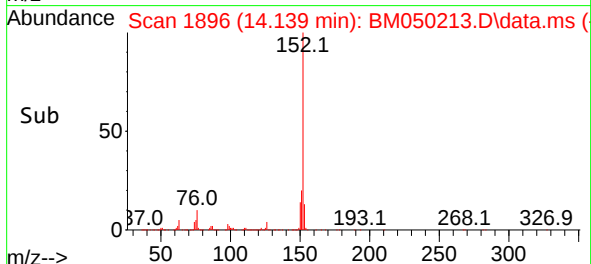
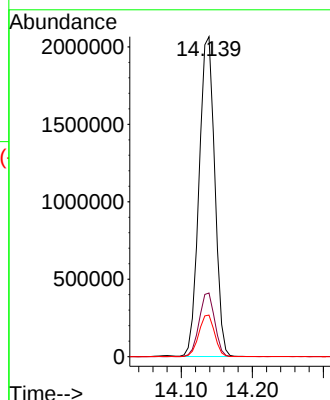
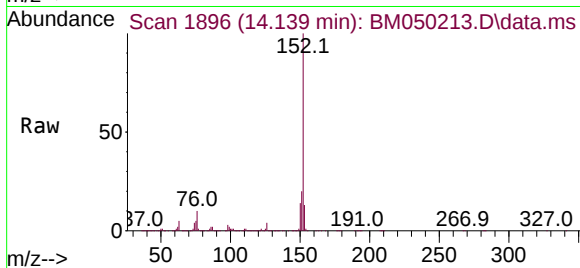
Tgt Ion:152 Resp: 3153424

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 43.855 ng

RT: 13.880 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

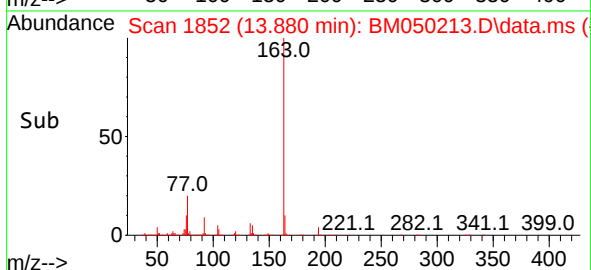
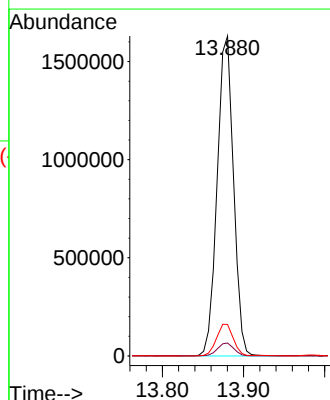
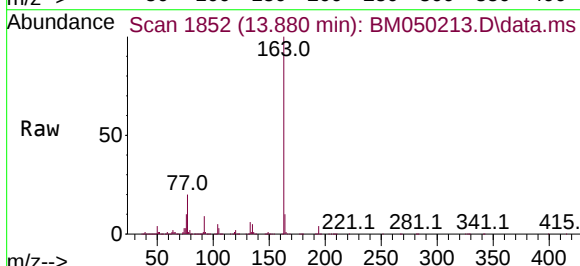
Tgt Ion:163 Resp: 2278169

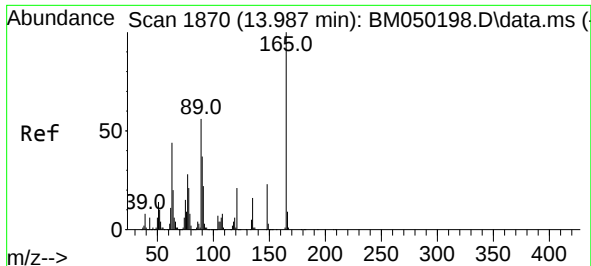
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.9 7.9 11.9

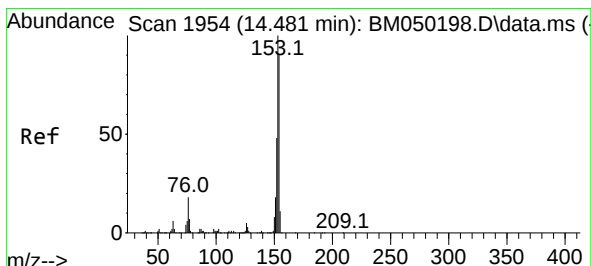
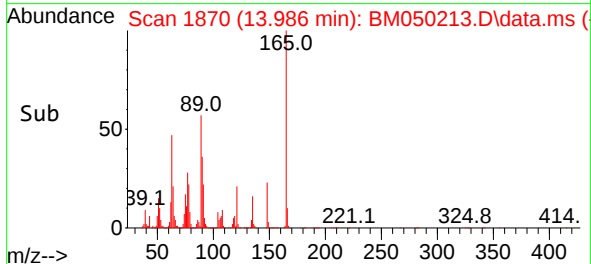
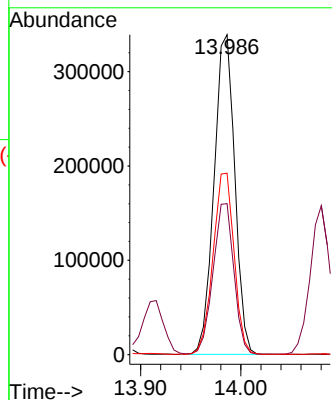
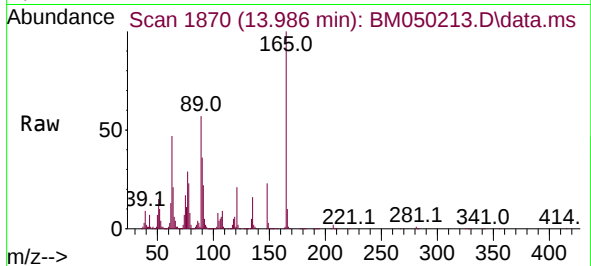




#51
2,6-Dinitrotoluene
Concen: 46.620 ng
RT: 13.986 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

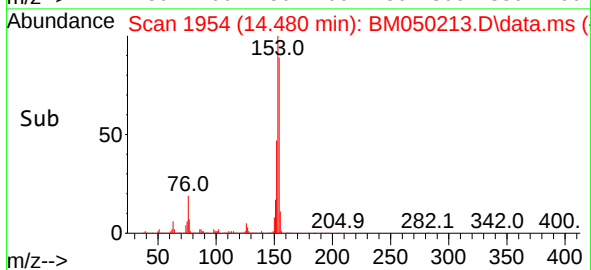
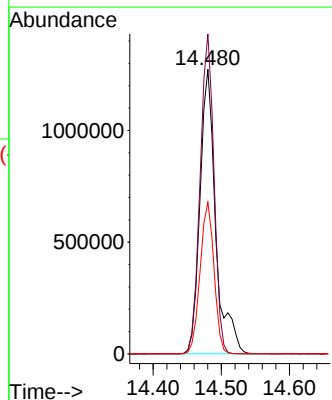
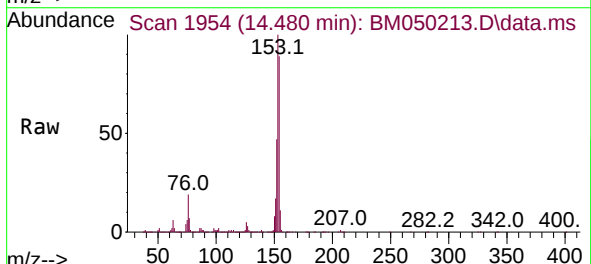
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

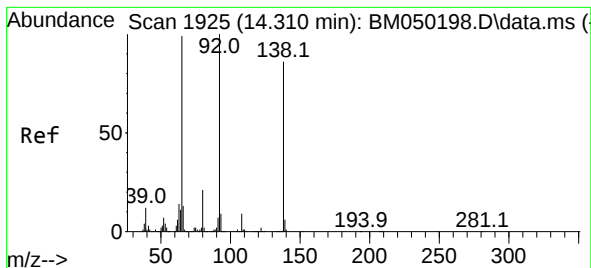
Tgt Ion:165 Resp: 488399
Ion Ratio Lower Upper
165 100
63 47.2 35.8 53.6
89 56.7 44.8 67.2



#52
Acenaphthene
Concen: 45.178 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion:154 Resp: 2043709
Ion Ratio Lower Upper
154 100
153 112.5 88.7 133.1
152 53.3 42.6 63.8

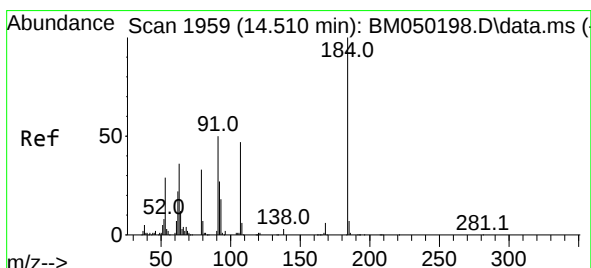
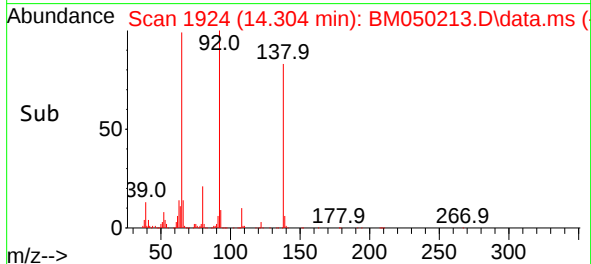
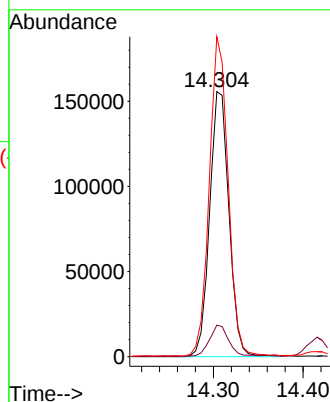
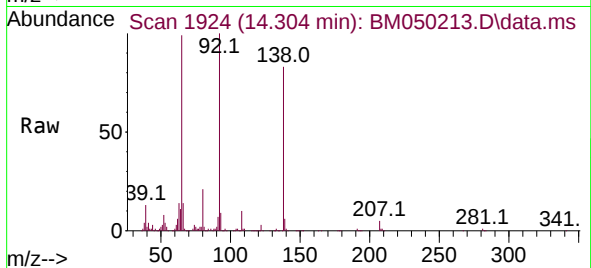




#53
3-Nitroaniline
Concen: 19.927 ng
RT: 14.304 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

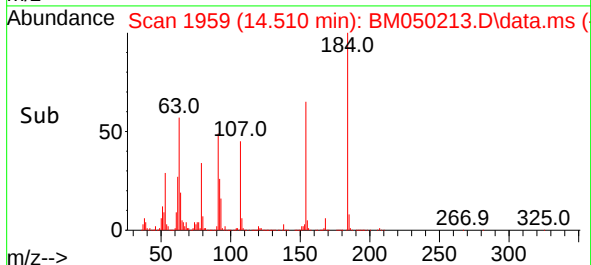
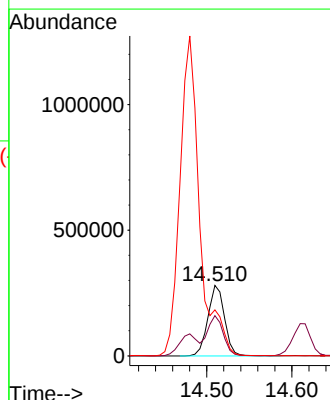
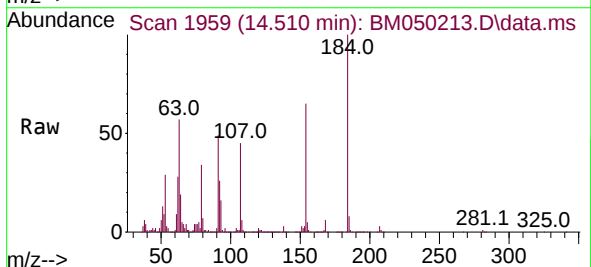
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

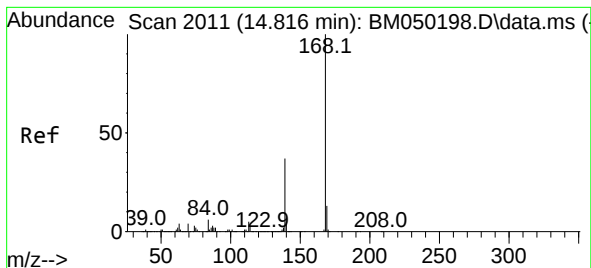
Tgt Ion:138 Resp: 232659
Ion Ratio Lower Upper
138 100
108 11.8 8.8 13.2
92 120.8 92.9 139.3



#54
2,4-Dinitrophenol
Concen: 59.986 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion:184 Resp: 379194
Ion Ratio Lower Upper
184 100
63 57.2 45.3 67.9
154 65.4 54.3 81.5

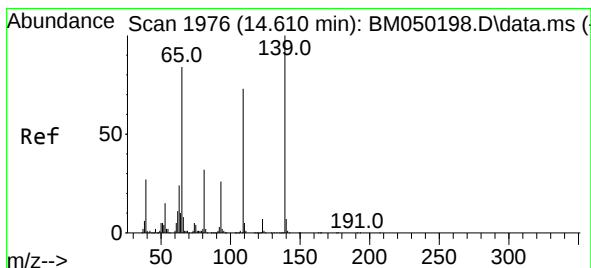
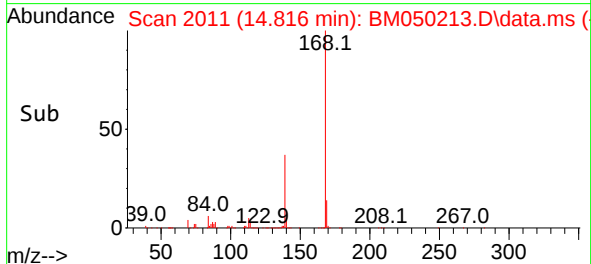
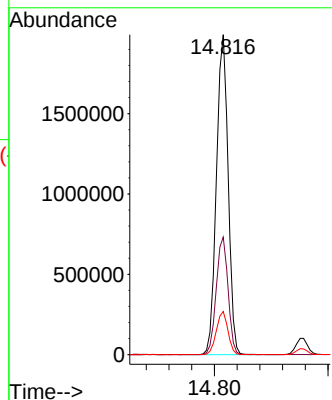
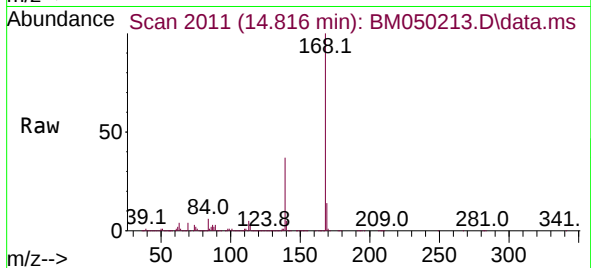




#55
Dibenzofuran
Concen: 42.948 ng
RT: 14.816 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

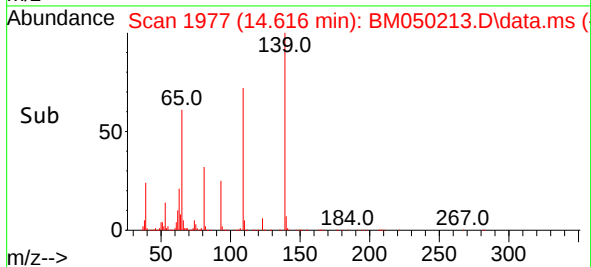
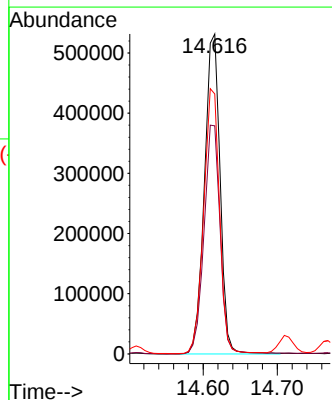
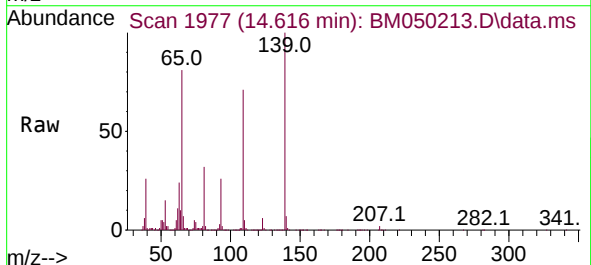
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

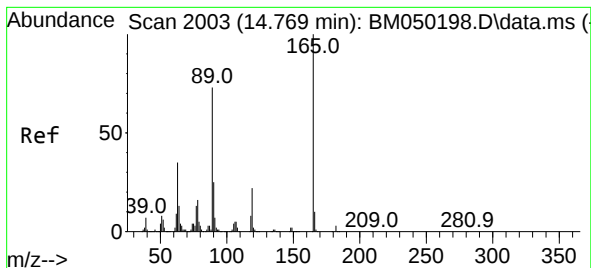
Tgt Ion:168 Resp: 2842304
Ion Ratio Lower Upper
168 100
139 36.7 29.9 44.9
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 78.421 ng
RT: 14.616 min Scan# 1977
Delta R.T. -0.000 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion:139 Resp: 779304
Ion Ratio Lower Upper
139 100
109 71.3 52.6 92.6
65 81.2 64.3 104.3

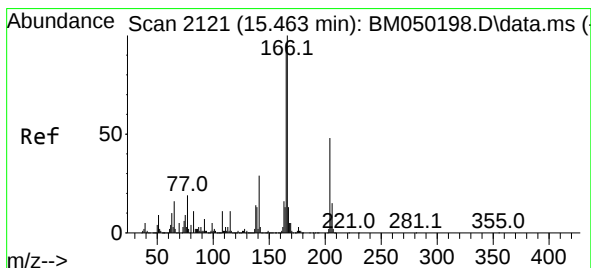
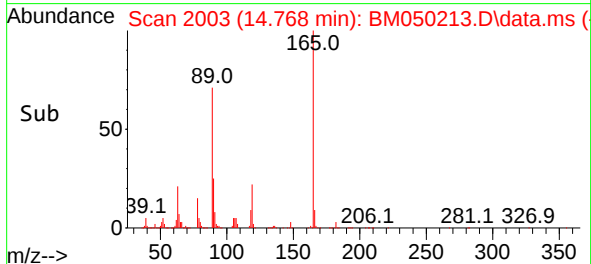
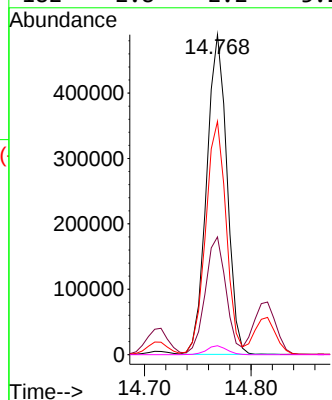
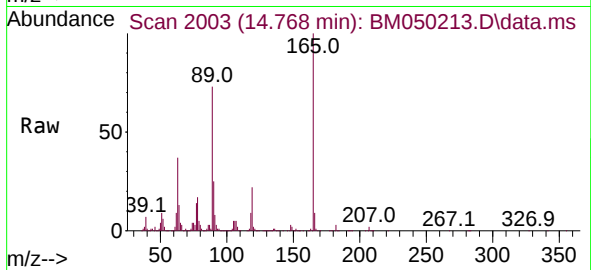




#57
2,4-Dinitrotoluene
Concen: 46.918 ng
RT: 14.768 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

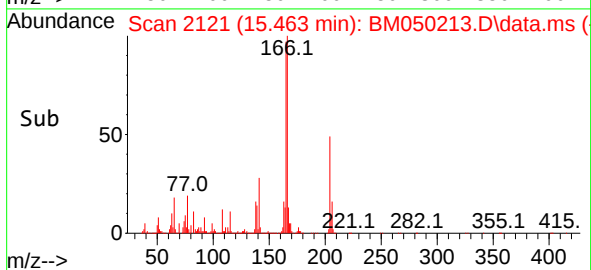
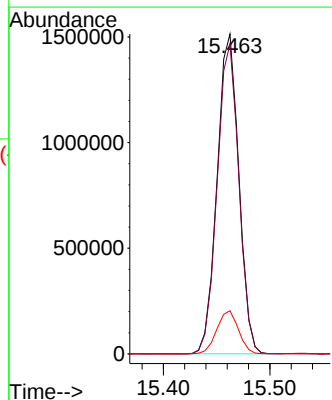
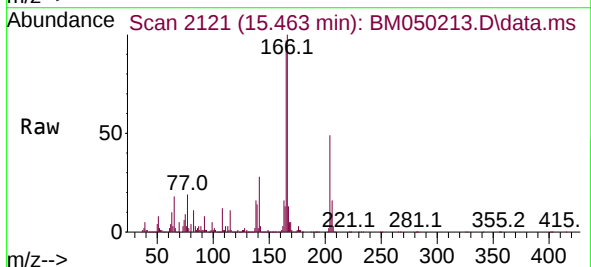
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

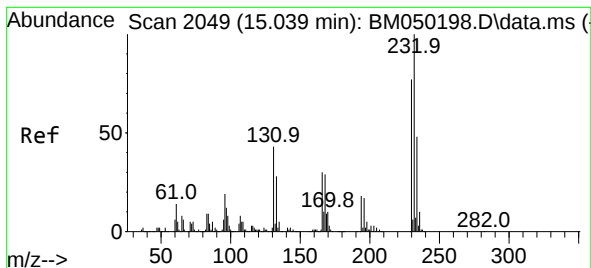
Tgt Ion:165 Resp: 648380
Ion Ratio Lower Upper
165 100
63 36.8 28.4 42.6
89 72.9 58.0 87.0
182 2.8 2.2 3.2



#58
Fluorene
Concen: 42.377 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion:166 Resp: 2148065
Ion Ratio Lower Upper
166 100
165 96.9 77.0 115.4
167 13.5 10.7 16.1

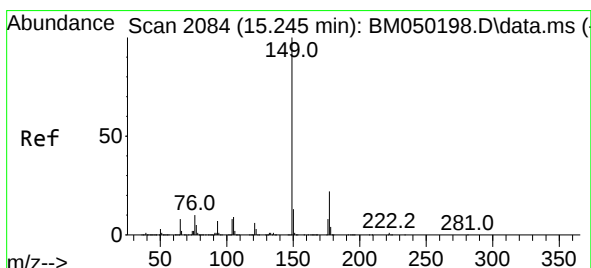
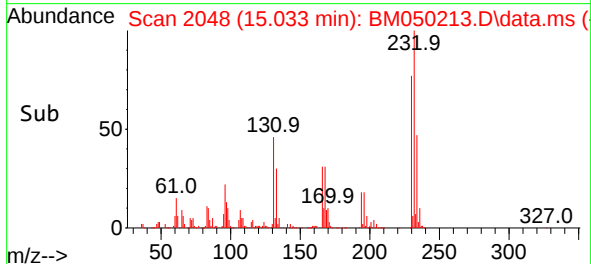
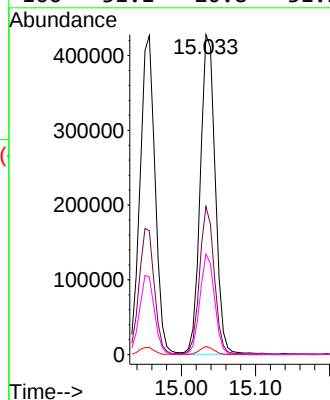
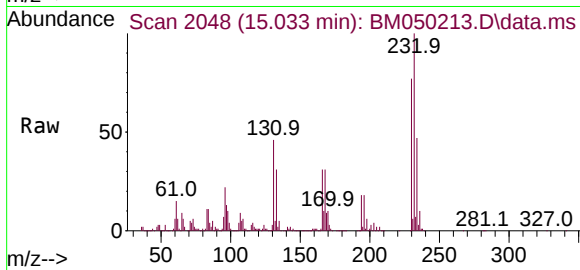




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.239 ng
RT: 15.033 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

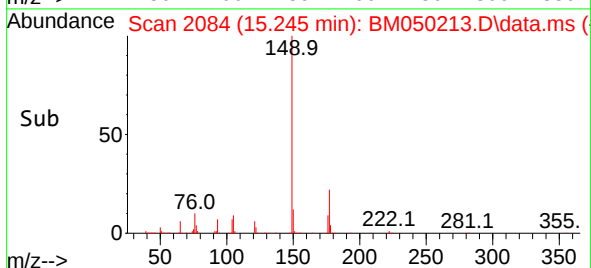
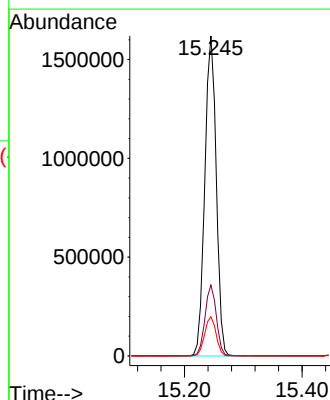
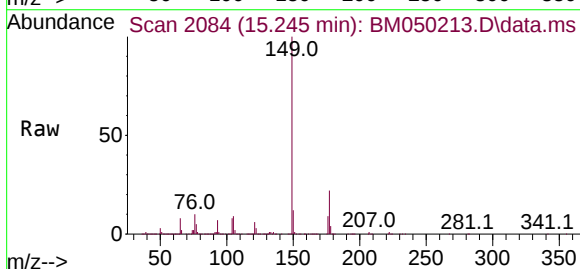
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

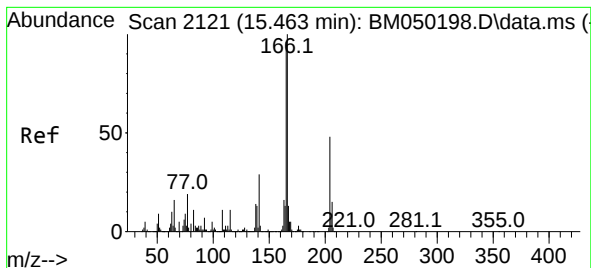
Tgt Ion:232 Resp: 599098
Ion Ratio Lower Upper
232 100
131 45.2 32.9 49.3
130 2.5 1.8 2.8
166 31.1 20.8 31.2



#60
Diethylphthalate
Concen: 42.429 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion:149 Resp: 2186884
Ion Ratio Lower Upper
149 100
177 22.1 17.2 25.8
150 12.2 10.0 15.0

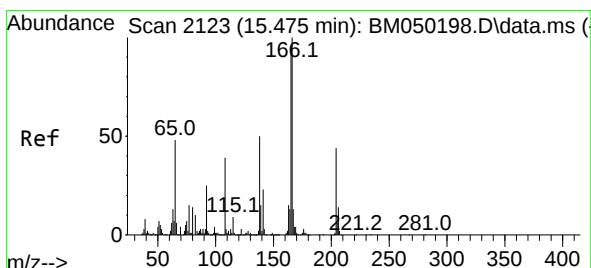
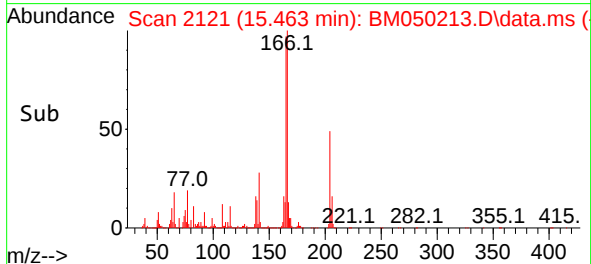
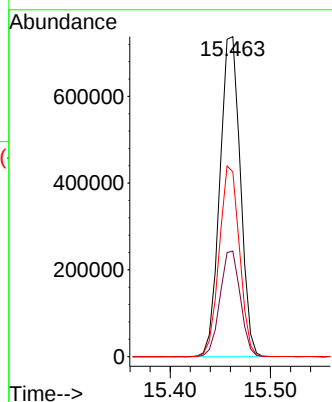
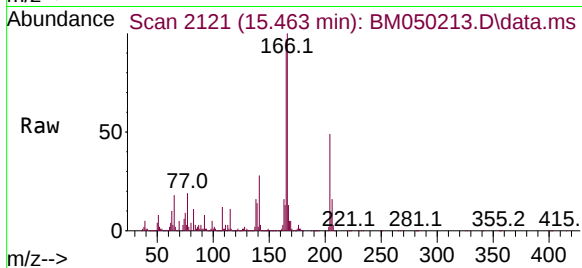




#61
4-Chlorophenyl-phenylether
Concen: 42.854 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

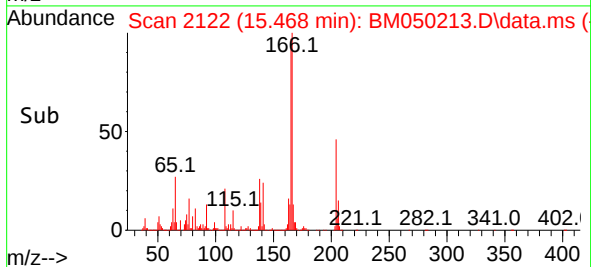
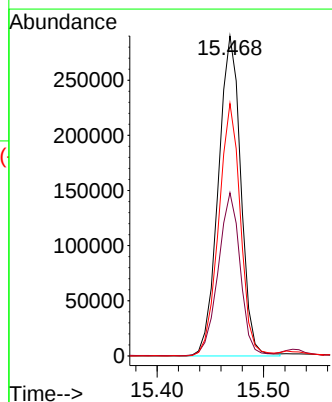
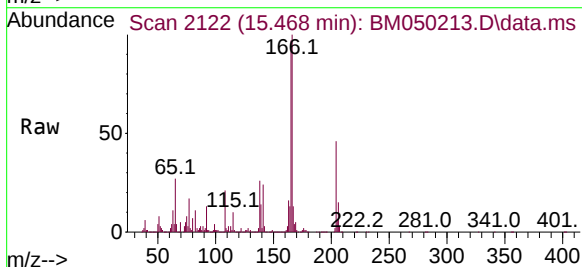
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

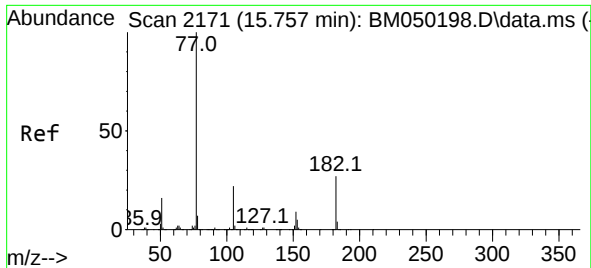
Tgt Ion:204 Resp: 1049834
Ion Ratio Lower Upper
204 100
206 33.0 25.4 38.0
141 57.7 47.9 71.9



#62
4-Nitroaniline
Concen: 38.942 ng
RT: 15.468 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion:138 Resp: 426152
Ion Ratio Lower Upper
138 100
92 51.0 28.8 68.8
108 78.9 58.1 98.1

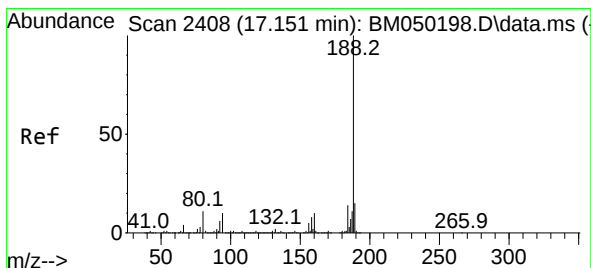
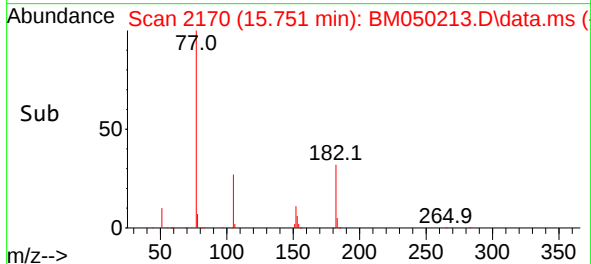
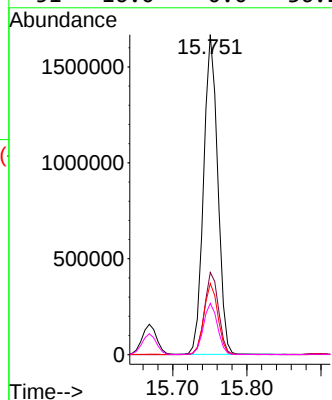
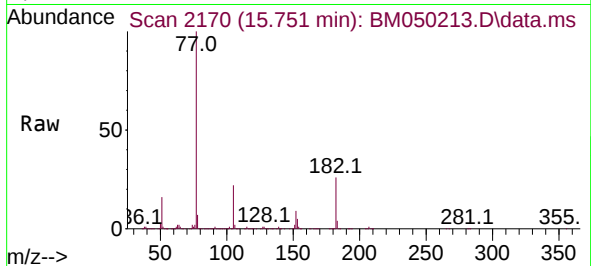




#63
Azobenzene
Concen: 42.700 ng
RT: 15.751 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

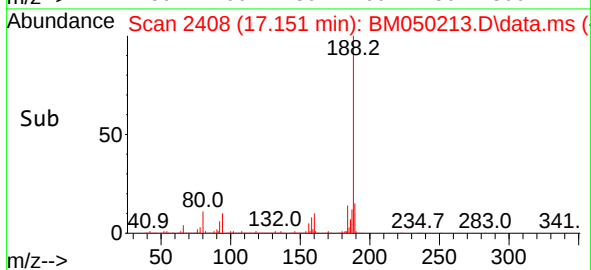
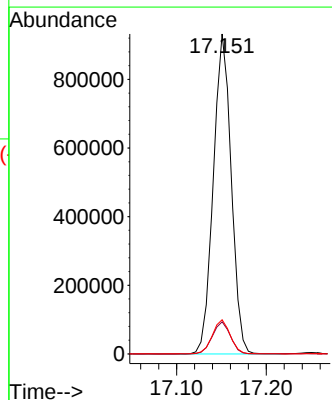
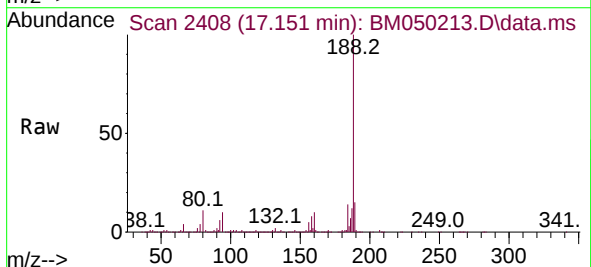
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

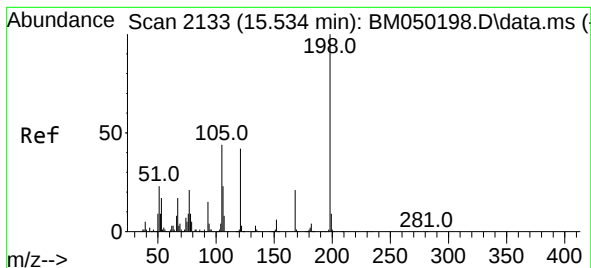
Tgt Ion: 77 Resp: 2199804
Ion Ratio Lower Upper
77 100
182 25.7 6.8 46.8
105 22.2 1.7 41.7
51 16.0 0.0 36.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion:188 Resp: 1293379
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 10.7 8.6 13.0

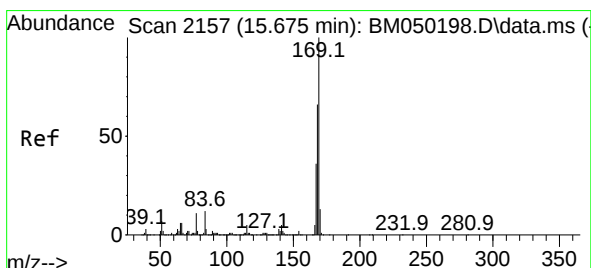
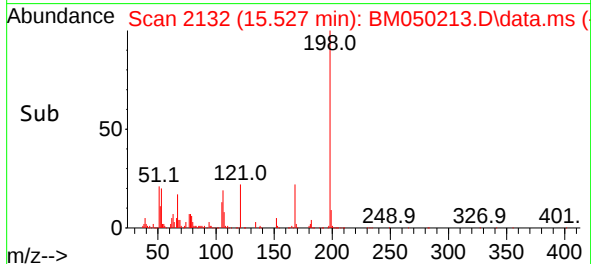
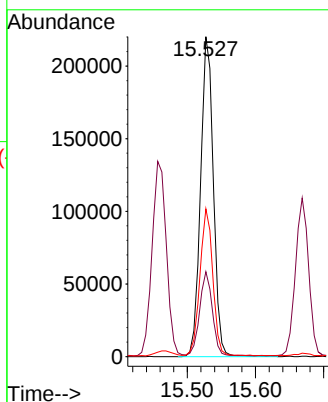
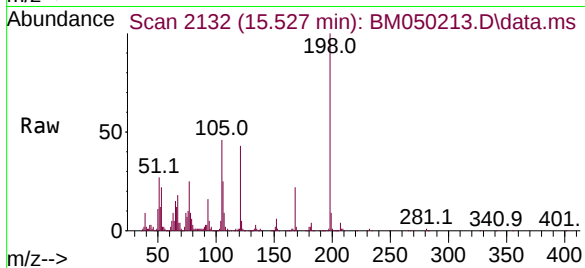




#65
4,6-Dinitro-2-methylphenol
Concen: 40.753 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

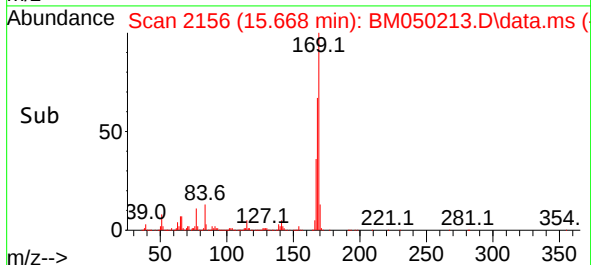
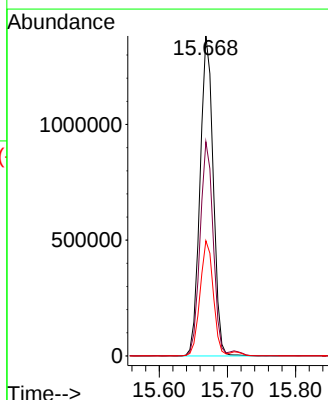
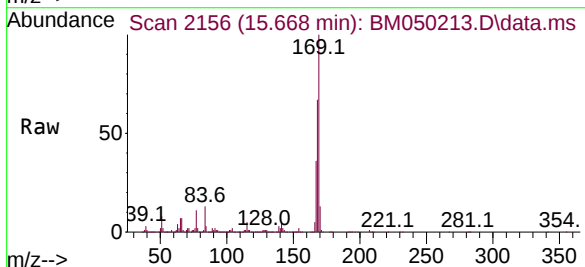
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

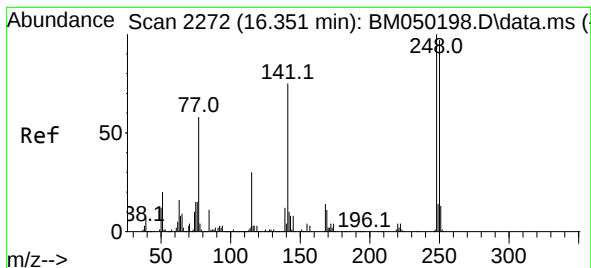
Tgt Ion:198 Resp: 287886
Ion Ratio Lower Upper
198 100
51 26.5 4.5 44.5
105 46.2 24.9 64.9



#66
n-Nitrosodiphenylamine
Concen: 45.740 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion:169 Resp: 1858818
Ion Ratio Lower Upper
169 100
168 66.9 53.1 79.7
167 36.0 29.0 43.6

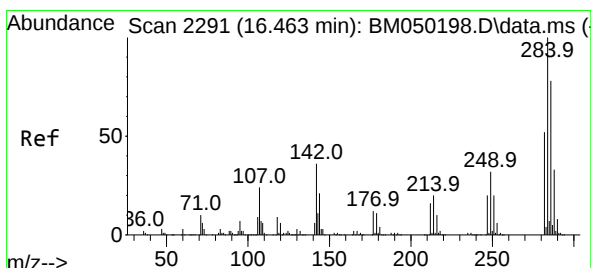
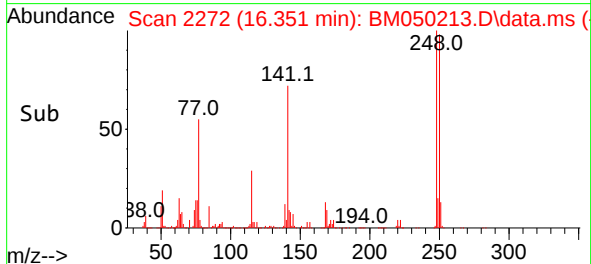
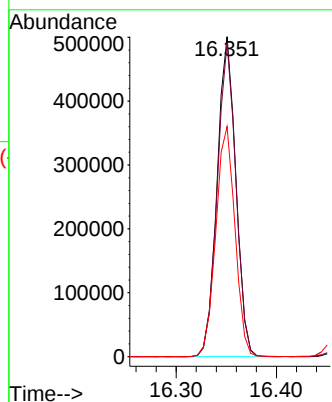
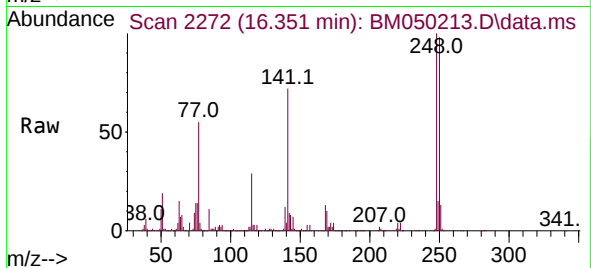




#67
4-Bromophenyl-phenylether
Concen: 47.215 ng
RT: 16.351 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

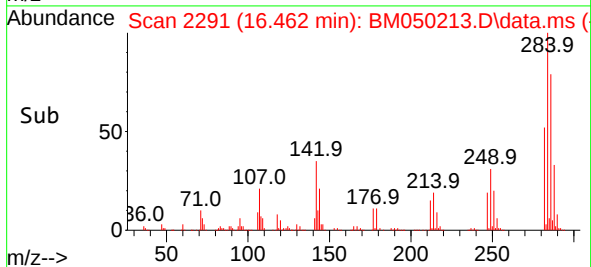
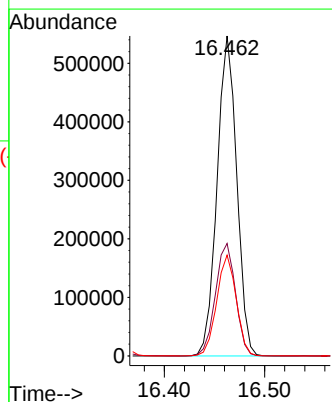
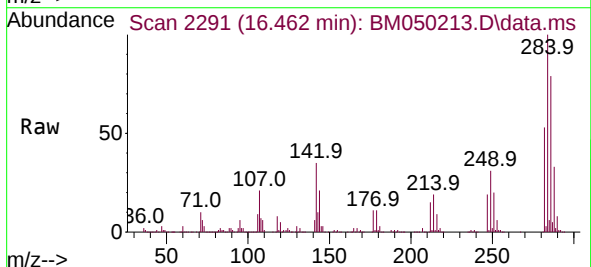
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

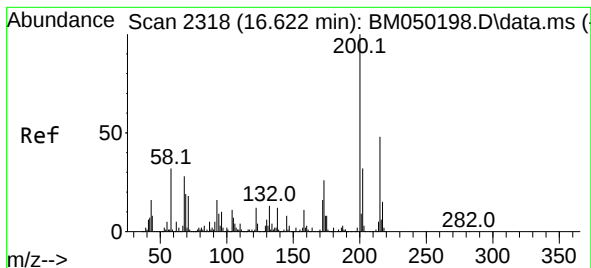
Tgt Ion:248 Resp: 651215
Ion Ratio Lower Upper
248 100
250 98.1 78.0 117.0
141 71.9 60.1 90.1



#68
Hexachlorobenzene
Concen: 46.295 ng
RT: 16.462 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion:284 Resp: 746011
Ion Ratio Lower Upper
284 100
142 35.1 28.8 43.2
249 31.5 25.8 38.6





#69

Atrazine

Concen: 46.931 ng

RT: 16.621 min Scan# 2318

Delta R.T. -0.006 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

Instrument :

BNA_M

ClientSampleId :

COMP-12MS

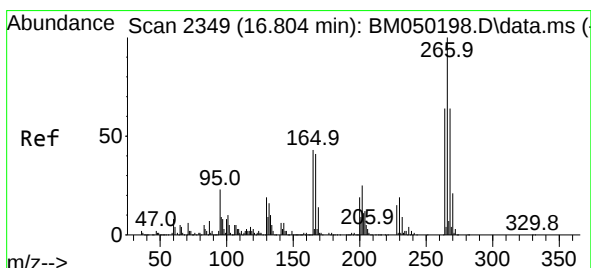
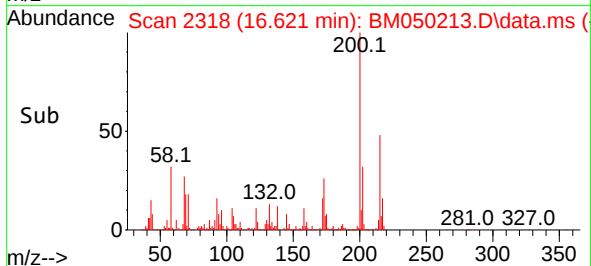
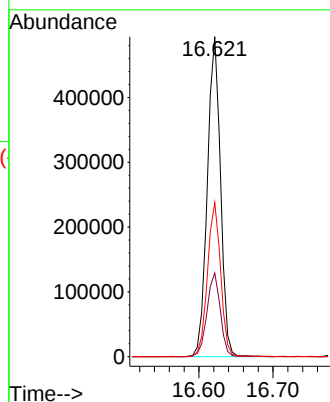
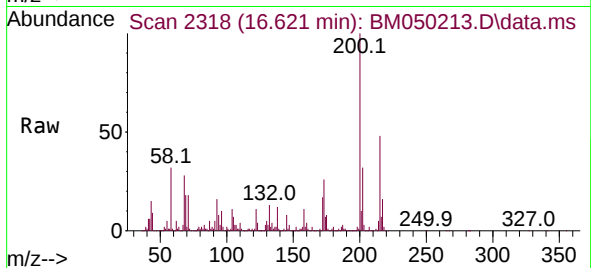
Tgt Ion:200 Resp: 607699

Ion Ratio Lower Upper

200 100

173 26.1 6.0 46.0

215 48.1 28.1 68.1



#70

Pentachlorophenol

Concen: 91.715 ng

RT: 16.798 min Scan# 2348

Delta R.T. -0.006 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

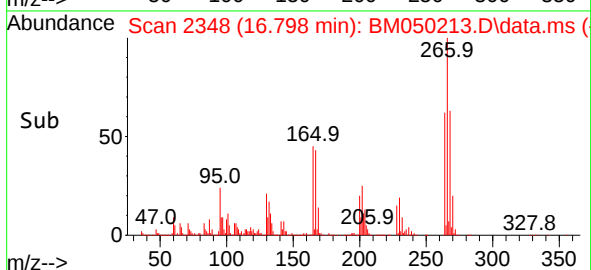
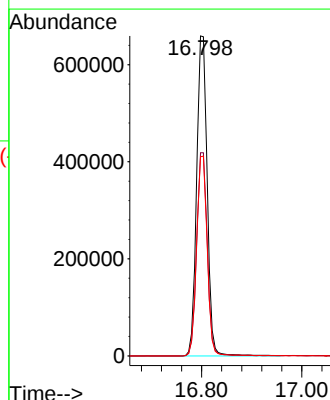
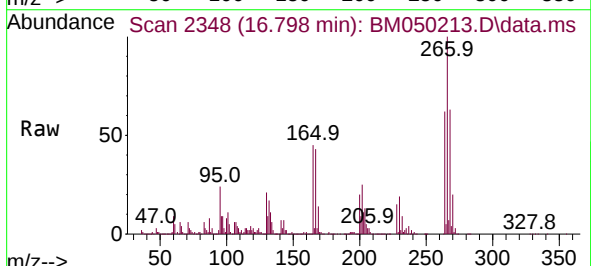
Tgt Ion:266 Resp: 960880

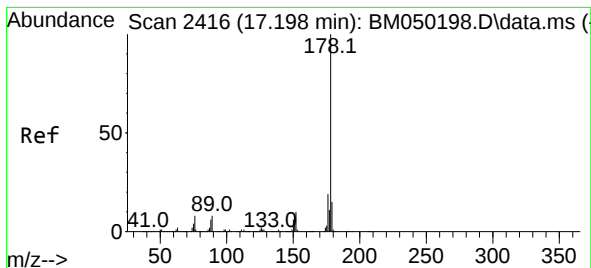
Ion Ratio Lower Upper

266 100

268 63.5 51.0 76.6

264 62.2 50.8 76.2

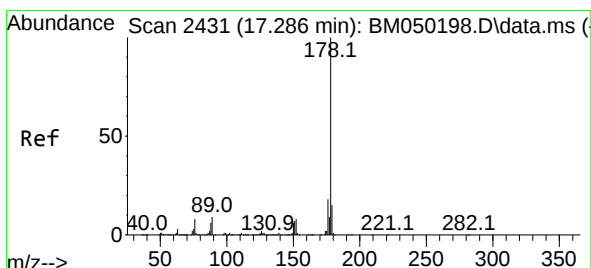
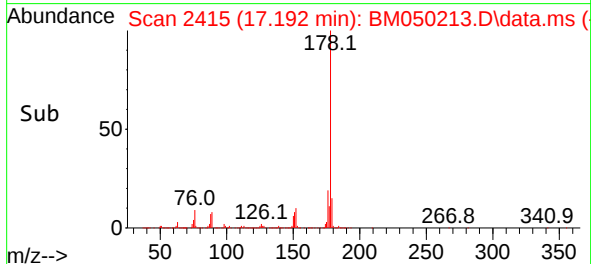
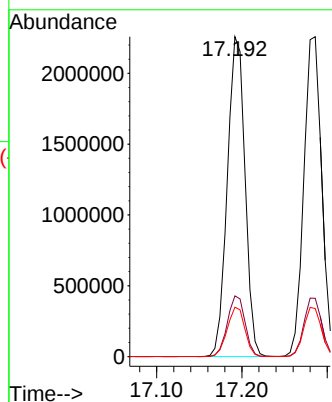
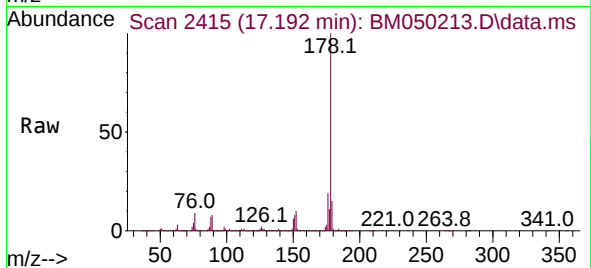




#71
Phenanthrene
Concen: 44.102 ng
RT: 17.192 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

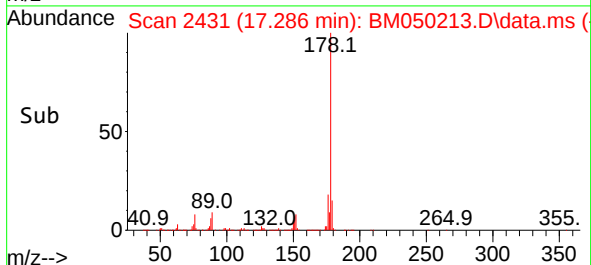
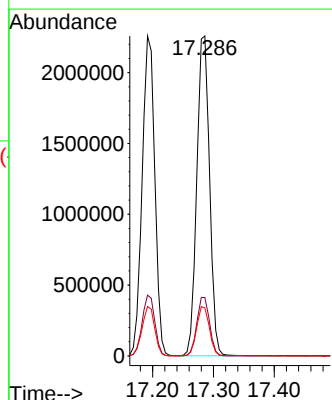
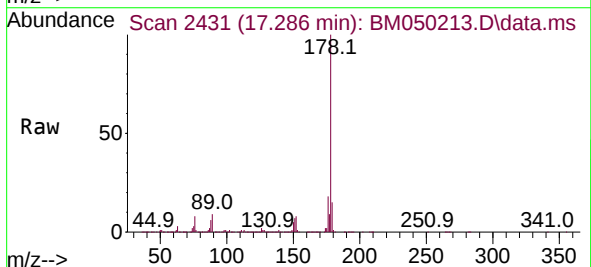
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

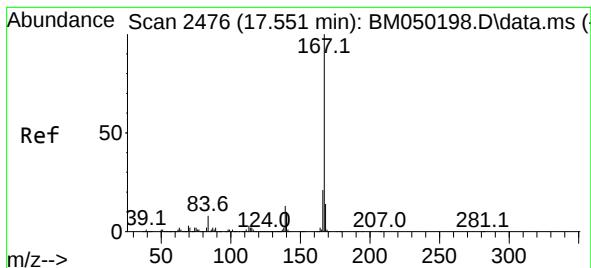
Tgt Ion:178 Resp: 3258540
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.4 12.3 18.5



#72
Anthracene
Concen: 44.451 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM050213.D
Acq: 06 Jun 2025 14:06

Tgt Ion:178 Resp: 3285651
Ion Ratio Lower Upper
178 100
176 18.2 14.8 22.2
179 15.0 12.3 18.5





#73

Carbazole

Concen: 43.350 ng

RT: 17.545 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

Instrument :

BNA_M

ClientSampleId :

COMP-12MS

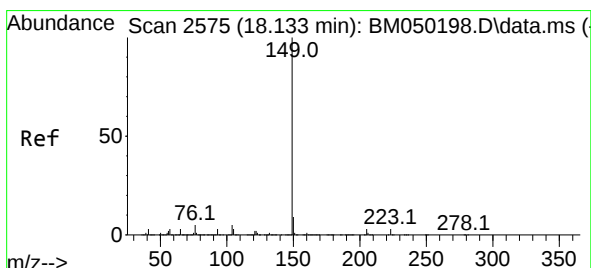
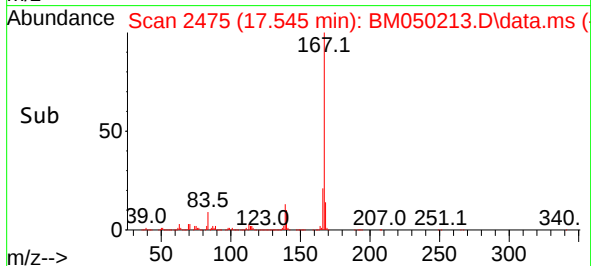
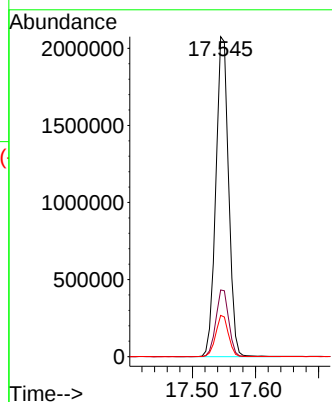
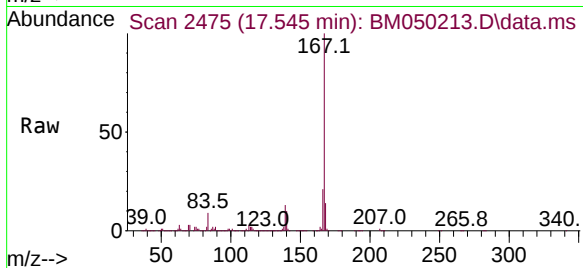
Tgt Ion:167 Resp: 2919116

Ion Ratio Lower Upper

167 100

166 20.8 17.0 25.6

139 12.9 10.2 15.4



#74

Di-n-butylphthalate

Concen: 45.491 ng

RT: 18.133 min Scan# 2575

Delta R.T. -0.000 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

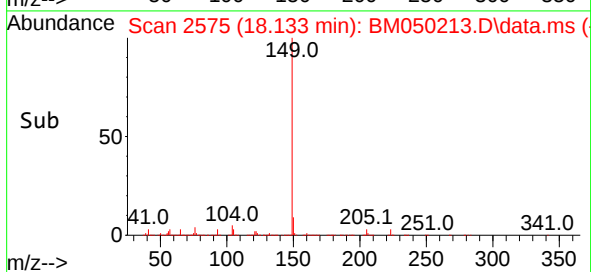
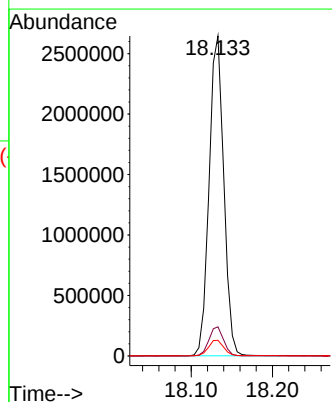
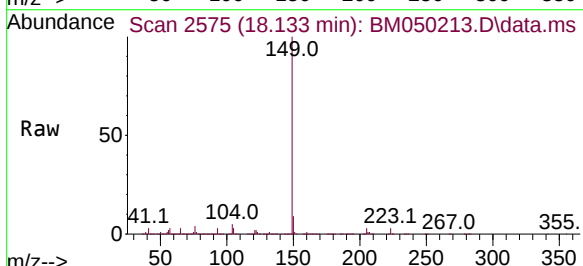
Tgt Ion:149 Resp: 3333066

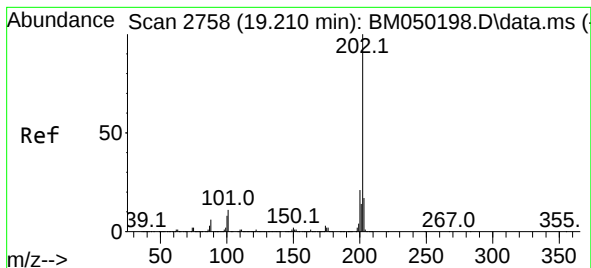
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.9 4.0 6.0





#75

Fluoranthene

Concen: 42.860 ng

RT: 19.203 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

Instrument :

BNA_M

ClientSampleId :

COMP-12MS

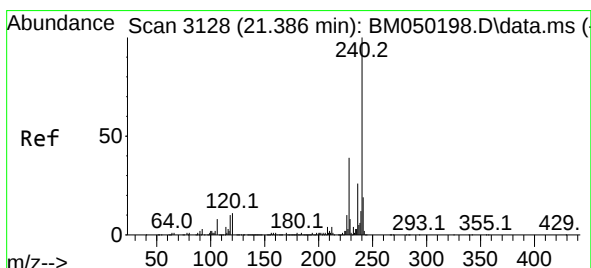
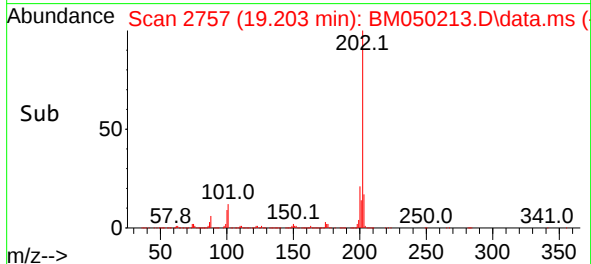
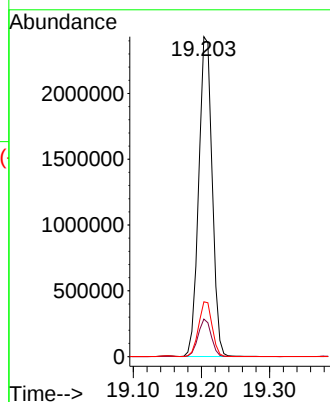
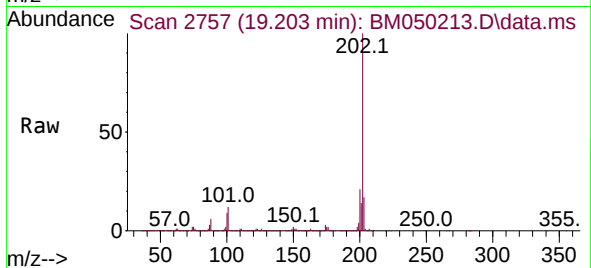
Tgt Ion:202 Resp: 3339548

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.1

203 17.1 0.0 37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

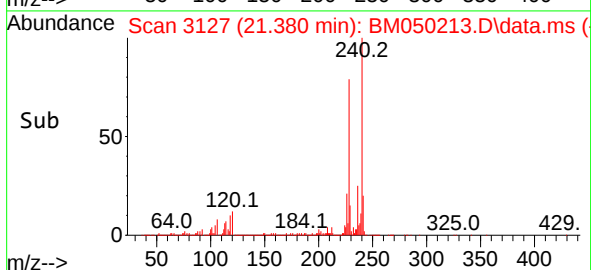
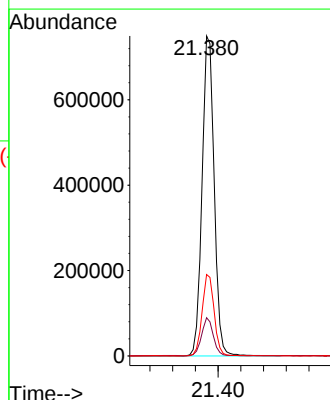
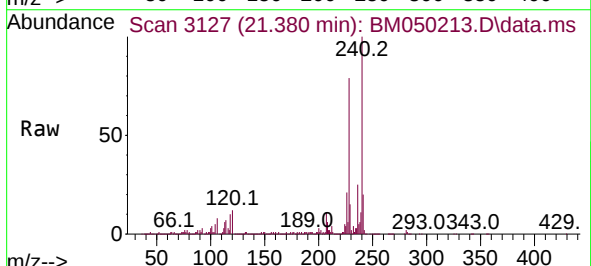
Tgt Ion:240 Resp: 1106417

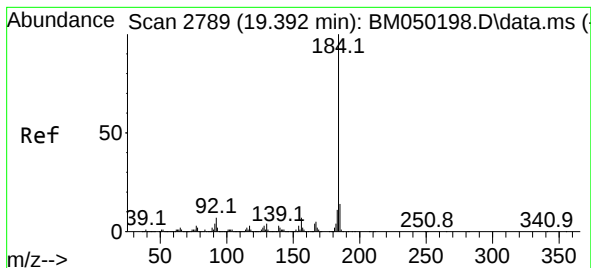
Ion Ratio Lower Upper

240 100

120 11.9 9.0 13.4

236 25.4 20.7 31.1





#77

Benzidine

Concen: 19.152 ng

RT: 19.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

Instrument :

BNA_M

ClientSampleId :

COMP-12MS

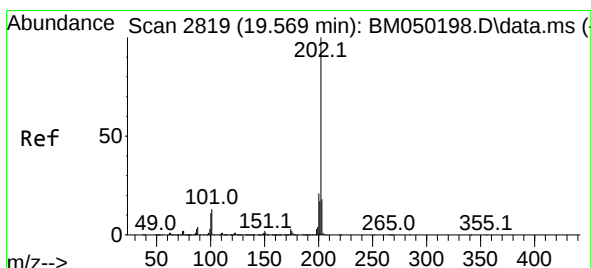
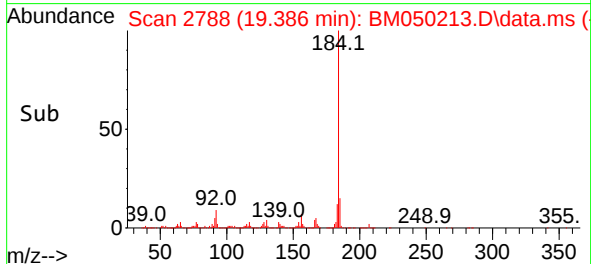
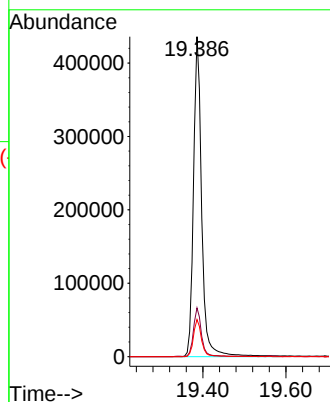
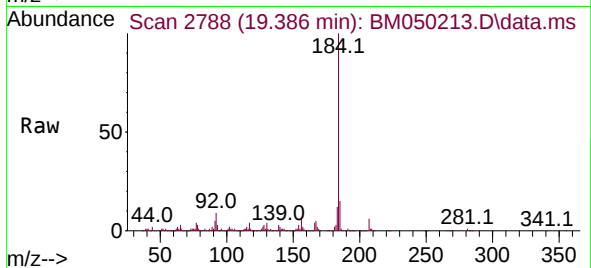
Tgt Ion:184 Resp: 595875

Ion Ratio Lower Upper

184 100

185 15.2 11.5 17.3

183 11.6 9.0 13.4



#78

Pyrene

Concen: 46.548 ng

RT: 19.568 min Scan# 2819

Delta R.T. -0.000 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

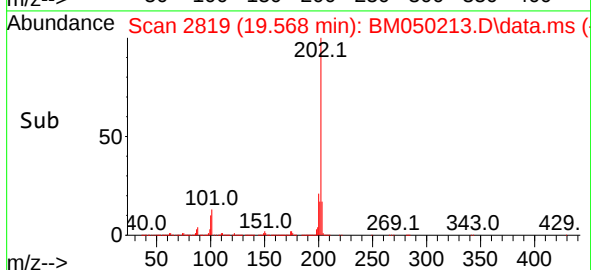
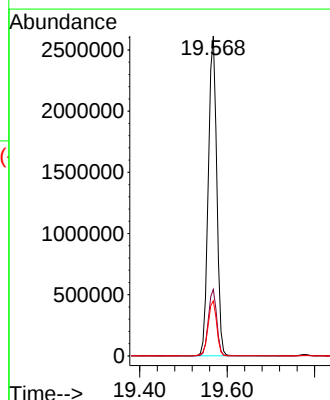
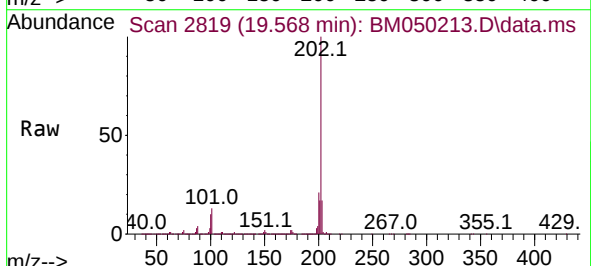
Tgt Ion:202 Resp: 3471185

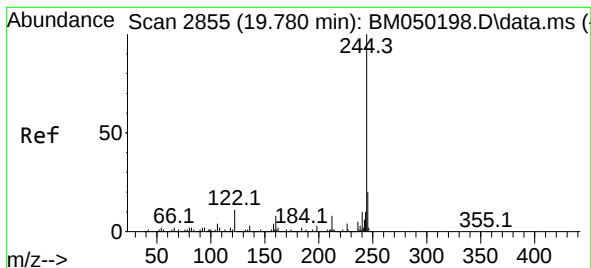
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 17.2 14.1 21.1





#79

Terphenyl-d14

Concen: 77.284 ng

RT: 19.780 min Scan# 2855

Delta R.T. -0.006 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

Instrument :

BNA_M

ClientSampleId :

COMP-12MS

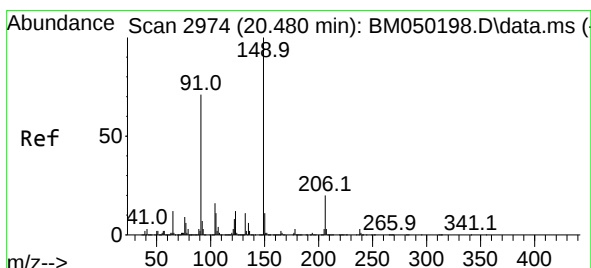
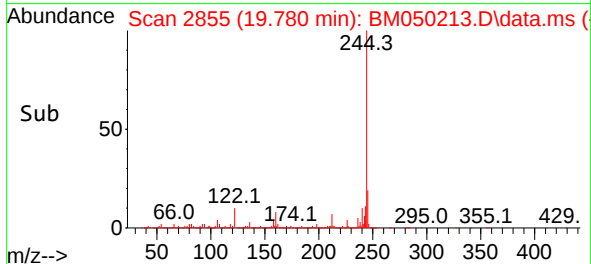
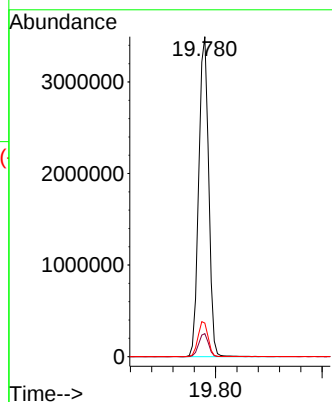
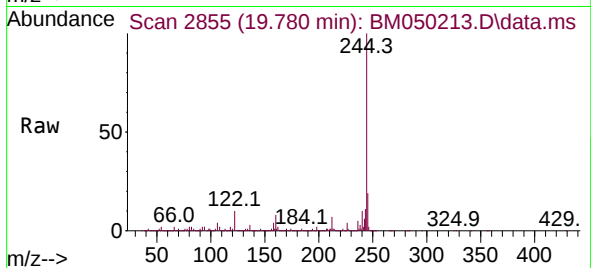
Tgt Ion:244 Resp: 4512257

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 10.5 8.6 12.8



#80

Butylbenzylphthalate

Concen: 49.729 ng

RT: 20.480 min Scan# 2974

Delta R.T. -0.000 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

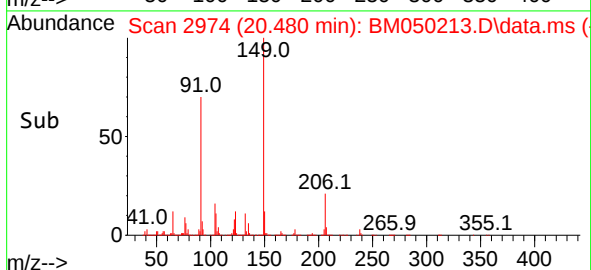
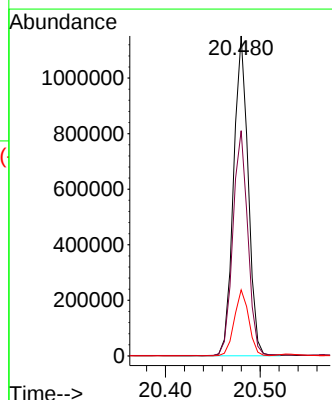
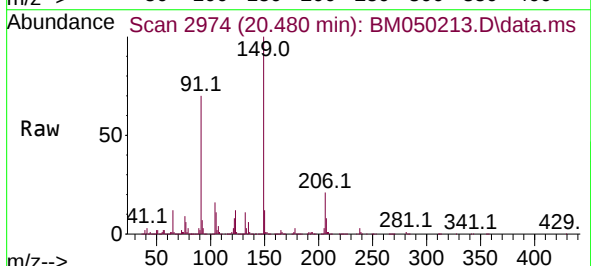
Tgt Ion:149 Resp: 1237003

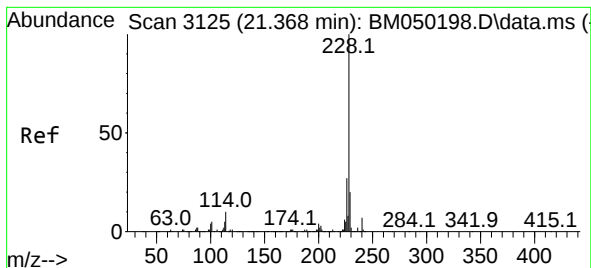
Ion Ratio Lower Upper

149 100

91 70.4 56.9 85.3

206 20.6 16.1 24.1





#81

Benzo(a)anthracene

Concen: 45.210 ng

RT: 21.362 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

Instrument :

BNA_M

ClientSampleId :

COMP-12MS

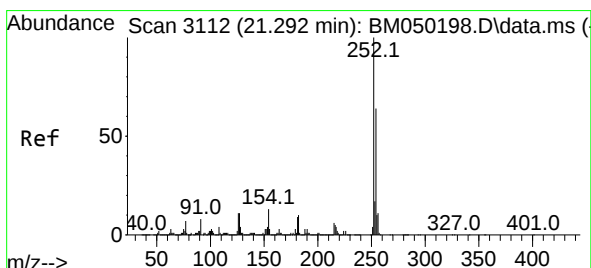
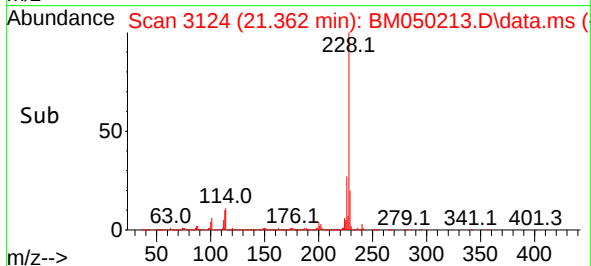
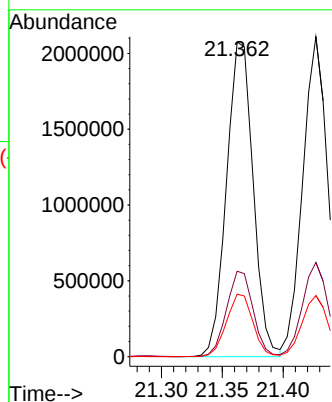
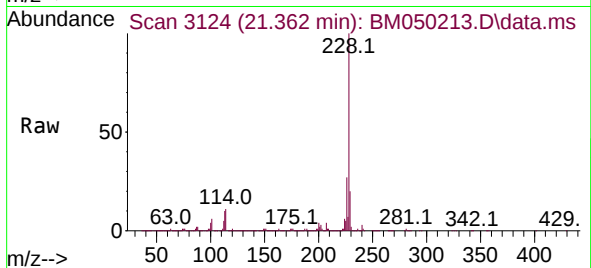
Tgt Ion:228 Resp: 3166143

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 21.992 ng

RT: 21.286 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

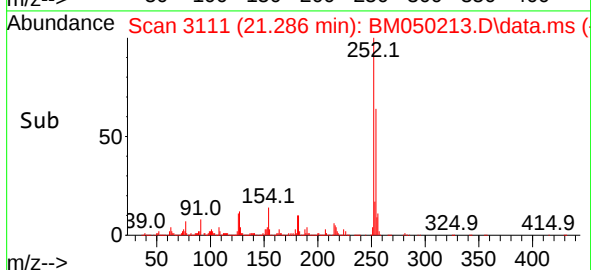
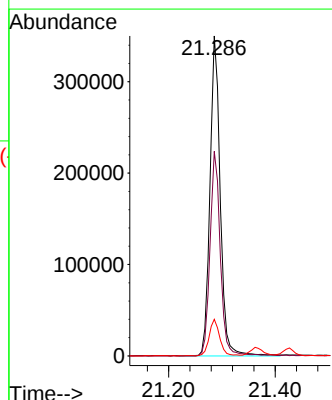
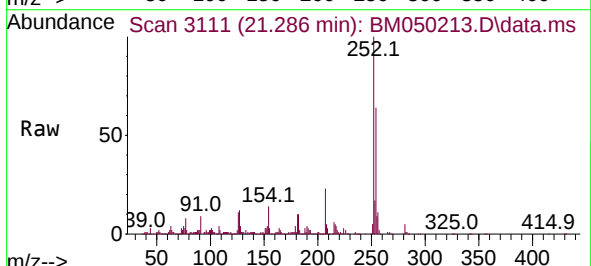
Tgt Ion:252 Resp: 469675

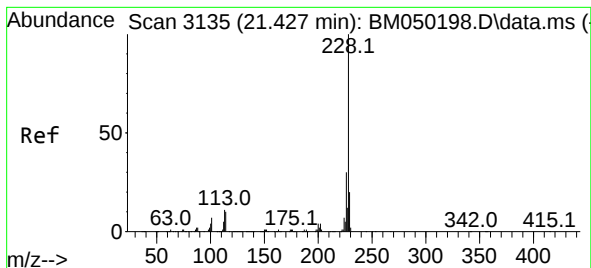
Ion Ratio Lower Upper

252 100

254 63.9 51.4 77.0

126 11.4 8.6 12.8





#83

Chrysene

Concen: 45.226 ng

RT: 21.427 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

Instrument :

BNA_M

ClientSampleId :

COMP-12MS

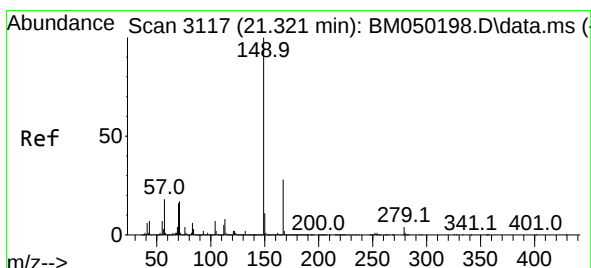
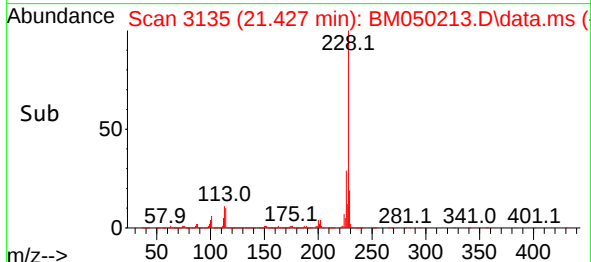
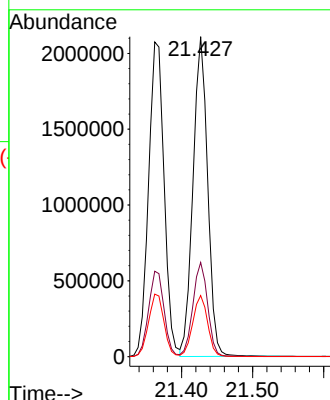
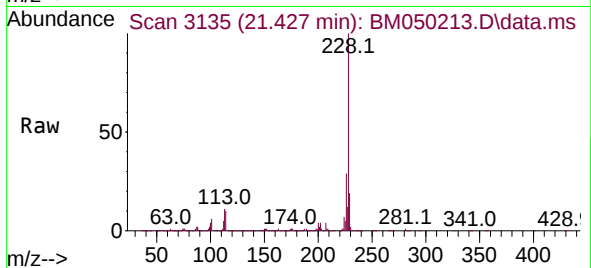
Tgt Ion:228 Resp: 3012726

Ion Ratio Lower Upper

228 100

226 29.4 24.3 36.5

229 19.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.493 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

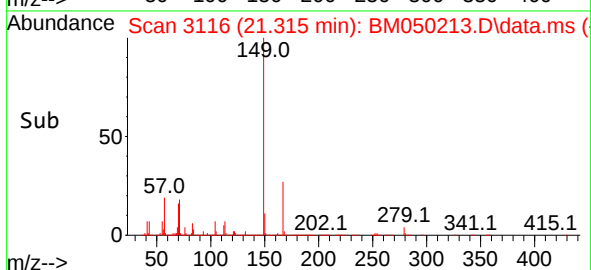
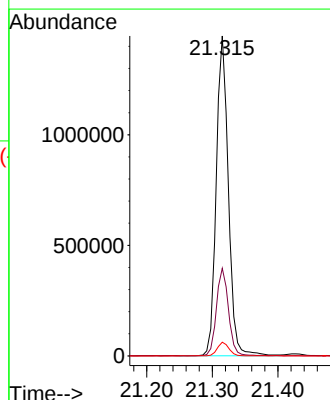
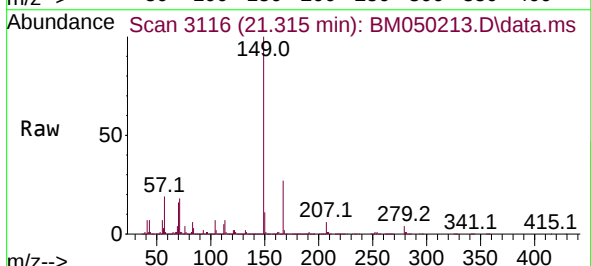
Tgt Ion:149 Resp: 1858055

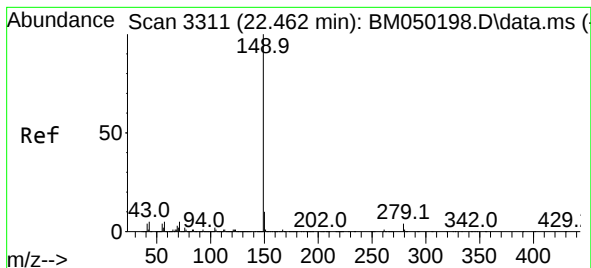
Ion Ratio Lower Upper

149 100

167 27.4 22.3 33.5

279 4.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 51.980 ng

RT: 22.456 min Scan# 3311

Delta R.T. -0.006 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

Instrument :

BNA_M

ClientSampleId :

COMP-12MS

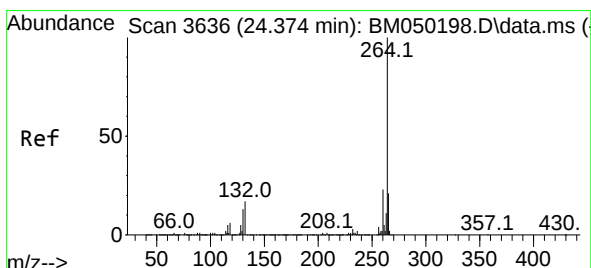
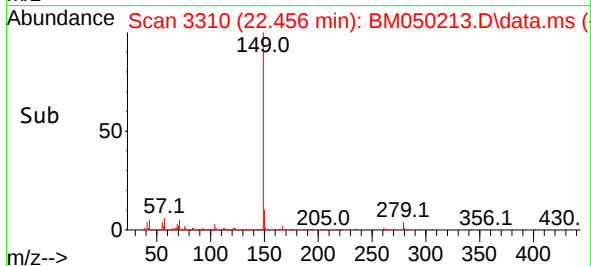
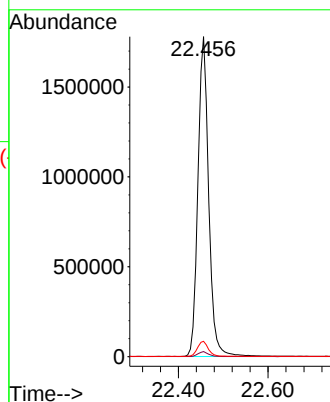
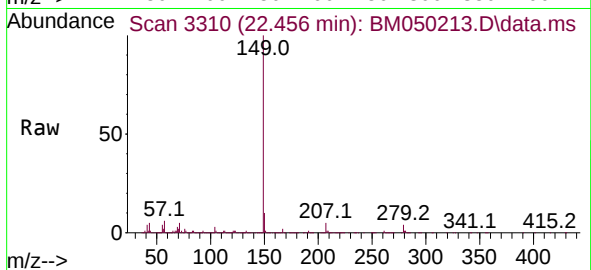
Tgt Ion:149 Resp: 2955416

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 4.9 3.8 5.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.368 min Scan# 3635

Delta R.T. -0.006 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

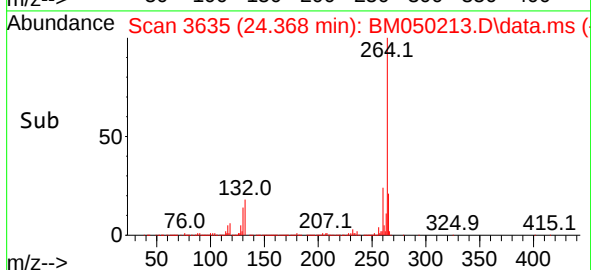
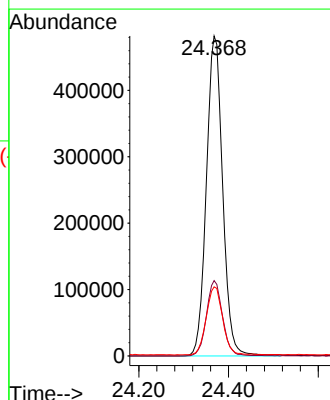
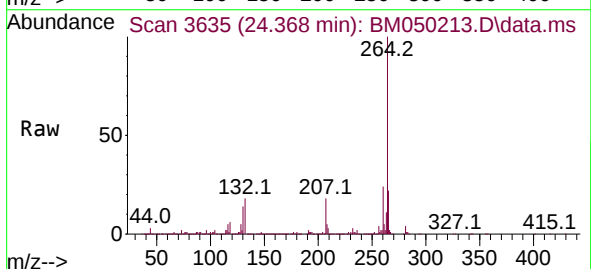
Tgt Ion:264 Resp: 1212630

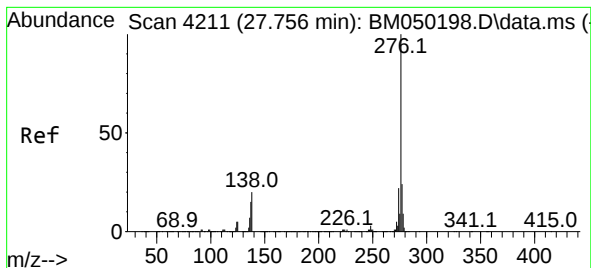
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.6 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.070 ng

RT: 27.738 min Scan# 4211

Delta R.T. -0.024 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

Instrument :

BNA_M

ClientSampleId :

COMP-12MS

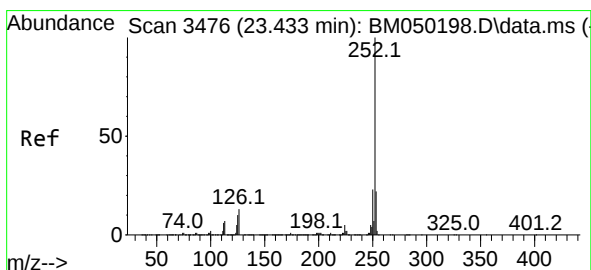
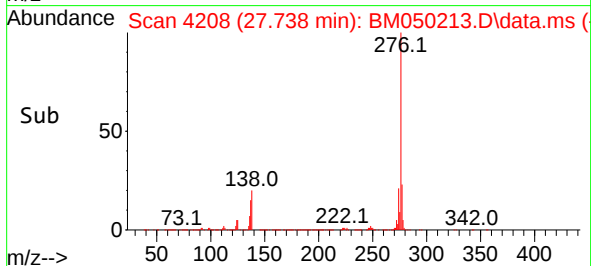
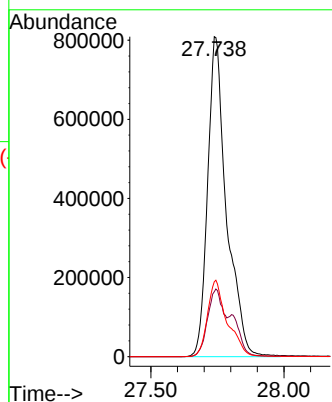
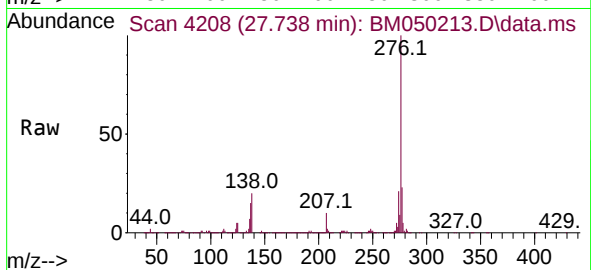
Tgt Ion:276 Resp: 3987489

Ion Ratio Lower Upper

276 100

138 17.8 20.6 30.8#

277 24.9 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 45.355 ng

RT: 23.433 min Scan# 3476

Delta R.T. -0.006 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

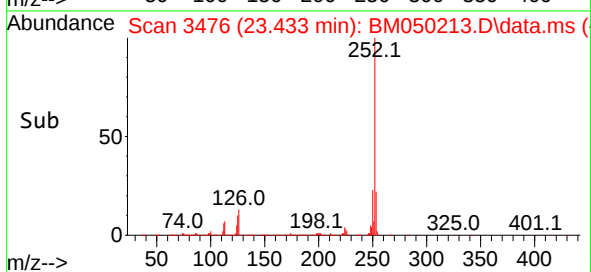
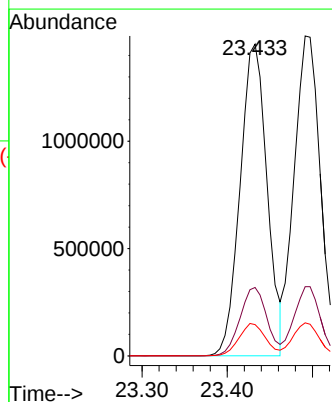
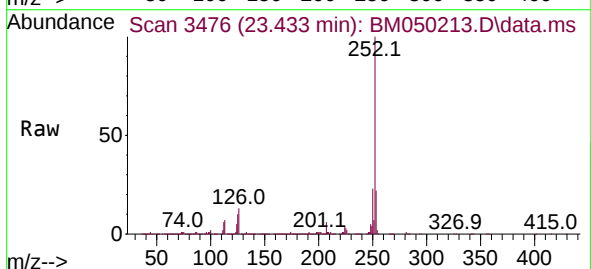
Tgt Ion:252 Resp: 3197636

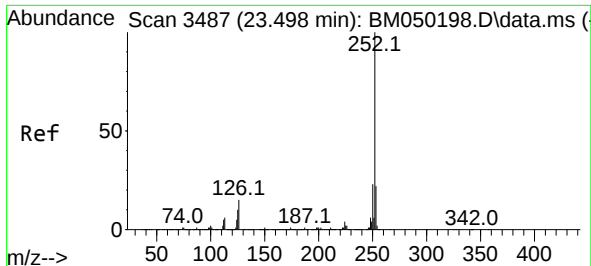
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 10.0 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 44.761 ng

RT: 23.491 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

Instrument :

BNA_M

ClientSampleId :

COMP-12MS

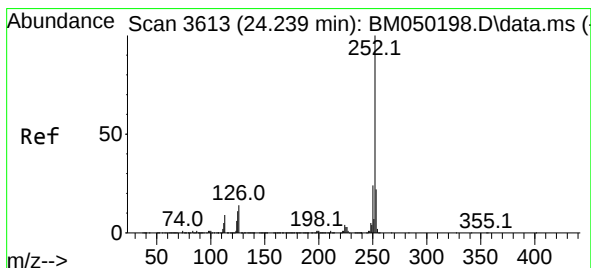
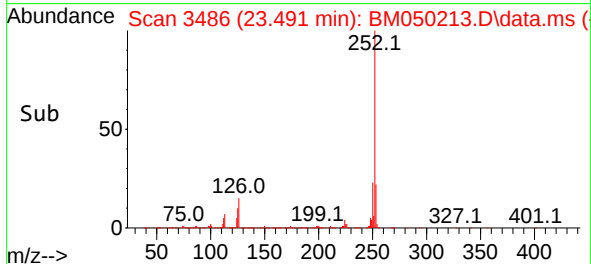
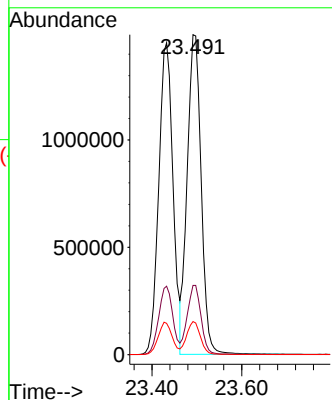
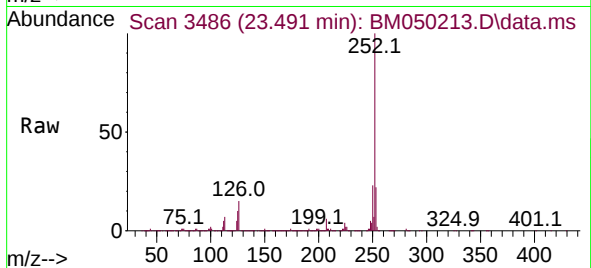
Tgt Ion:252 Resp: 3221599

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 10.3 8.2 12.4



#90

Benzo(a)pyrene

Concen: 46.506 ng

RT: 24.233 min Scan# 3612

Delta R.T. -0.006 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

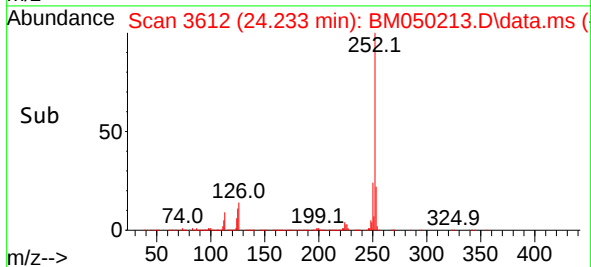
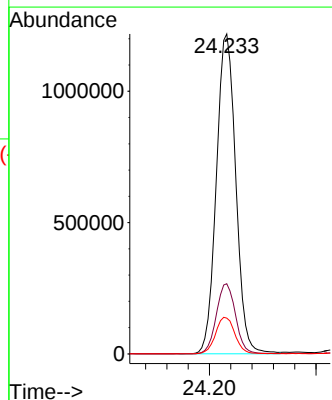
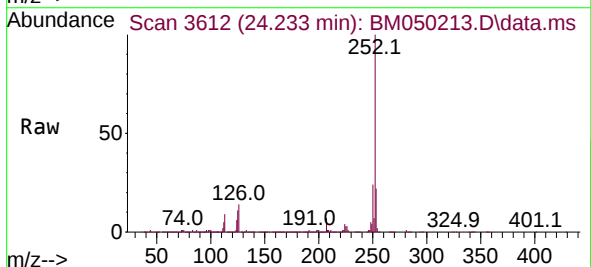
Tgt Ion:252 Resp: 3082761

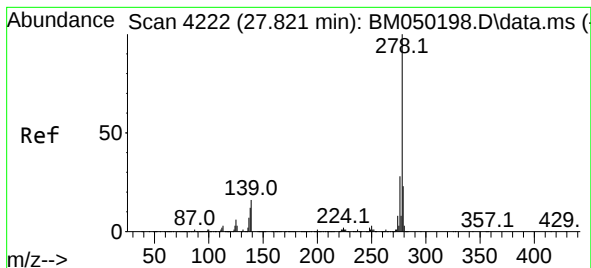
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 11.2 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 50.476 ng

RT: 27.809 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

Instrument :

BNA_M

ClientSampleId :

COMP-12MS

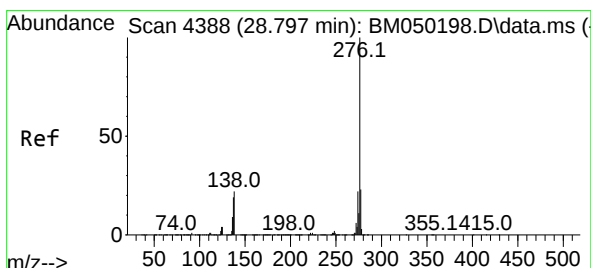
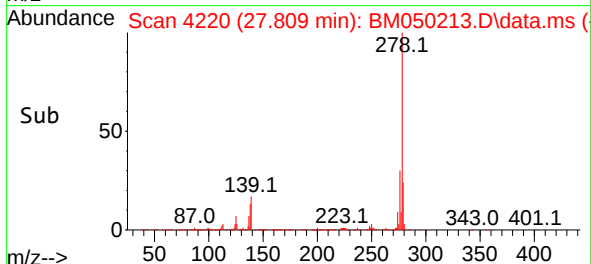
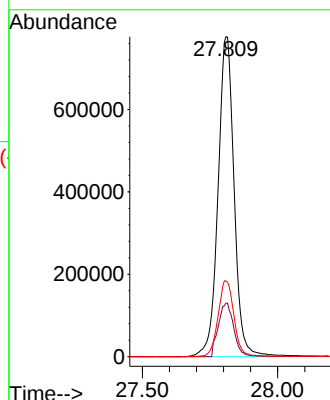
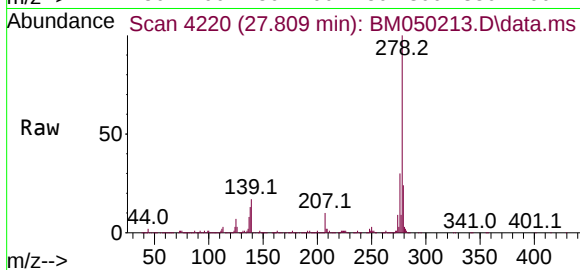
Tgt Ion:278 Resp: 3199032

Ion Ratio Lower Upper

278 100

139 16.7 12.8 19.2

279 23.6 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 51.971 ng

RT: 28.791 min Scan# 4387

Delta R.T. -0.024 min

Lab File: BM050213.D

Acq: 06 Jun 2025 14:06

Tgt Ion:276 Resp: 3296635

Ion Ratio Lower Upper

276 100

277 23.0 18.6 27.8

138 22.4 17.8 26.6

