

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072225\
 Data File : BM050483.D
 Acq On : 22 Jul 2025 12:48
 Operator : RC/JU
 Sample : PB168813BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168813BS

Quant Time: Jul 22 13:33:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 16:20:15 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	524205	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1962665	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	1307217	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	2577202	20.000	ng	0.00
76) Chrysene-d12	21.427	240	2782474	20.000	ng	0.00
86) Perylene-d12	24.450	264	2918983	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	3807792	125.036	ng	0.00
7) Phenol-d6	7.010	99	4819089	125.529	ng	0.00
23) Nitrobenzene-d5	8.998	82	2878213	74.817	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	2319858	146.061	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	7681143	72.564	ng	0.00
79) Terphenyl-d14	19.815	244	11560426	73.101	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	432094	34.505	ng	98
3) Pyridine	3.722	79	1212995	36.896	ng	99
4) n-Nitrosodimethylamine	3.622	42	609071	39.739	ng	96
6) Aniline	7.169	93	1557979	31.623	ng	99
8) 2-Chlorophenol	7.410	128	1494267	46.533	ng	98
9) Benzaldehyde	6.981	77	846798	37.080	ng	99
10) Phenol	7.040	94	1824323	45.561	ng	99
11) bis(2-Chloroethyl)ether	7.263	93	1344299	41.922	ng	99
12) 1,3-Dichlorobenzene	7.734	146	1613182	41.314	ng	98
13) 1,4-Dichlorobenzene	7.881	146	1651145	41.413	ng	99
14) 1,2-Dichlorobenzene	8.198	146	1585253	41.530	ng	99
15) Benzyl Alcohol	8.081	79	1213353	44.857	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1904234	40.315	ng	99
17) 2-Methylphenol	8.287	107	1177817	45.353	ng	98
18) Hexachloroethane	8.928	117	578463	41.253	ng	97
19) n-Nitroso-di-n-propyla...	8.651	70	1014367	43.616	ng	97
20) 3+4-Methylphenols	8.610	107	1605287	46.045	ng	99
22) Acetophenone	8.663	105	2063900	42.059	ng	# 98
24) Nitrobenzene	9.039	77	1487630	43.335	ng	98
25) Isophorone	9.569	82	2728242	43.705	ng	100
26) 2-Nitrophenol	9.751	139	735672	52.581	ng	97
27) 2,4-Dimethylphenol	9.816	122	1394874	46.852	ng	96
28) bis(2-Chloroethoxy)met...	10.051	93	1798163	43.472	ng	99
29) 2,4-Dichlorophenol	10.286	162	1485574	48.570	ng	99
30) 1,2,4-Trichlorobenzene	10.504	180	1597327	43.655	ng	99
31) Naphthalene	10.692	128	4262299	42.756	ng	100
32) Benzoic acid	9.939	122	954186	51.690	ng	99
33) 4-Chloroaniline	10.792	127	932973	22.137	ng	99
34) Hexachlorobutadiene	10.980	225	966324	43.271	ng	98
35) Caprolactam	11.575	113	413614	49.537	ng	94
36) 4-Chloro-3-methylphenol	11.916	107	1381438	48.366	ng	99
37) 2-Methylnaphthalene	12.298	142	2823299	44.854	ng	99
38) 1-Methylnaphthalene	12.522	142	2956698	44.385	ng	99
40) 1,2,4,5-Tetrachloroben...	12.669	216	1861423	44.777	ng	99
41) Hexachlorocyclopentadiene	12.657	237	2473699	93.092	ng	99
43) 2,4,6-Trichlorophenol	12.904	196	1256058	49.087	ng	98

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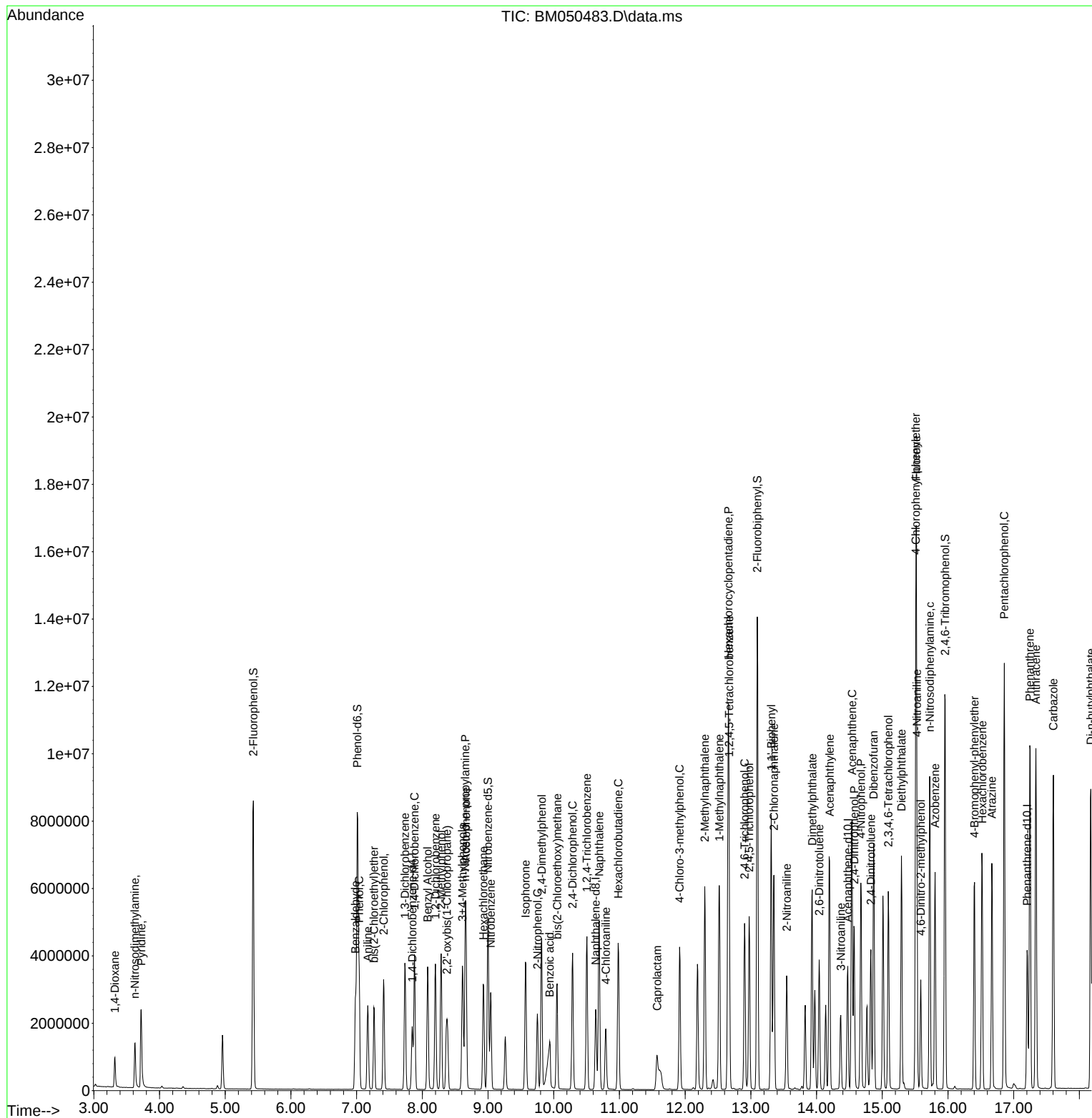
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	1383134	49.493	ng	97
46) 1,1'-Biphenyl	13.310	154	4186623	43.167	ng	99
47) 2-Chloronaphthalene	13.351	162	3298338	42.653	ng	98
48) 2-Nitroaniline	13.545	65	845848	49.005	ng	97
49) Acenaphthylene	14.198	152	5164386	44.191	ng	99
50) Dimethylphthalate	13.933	163	4021245	44.681	ng	99
51) 2,6-Dinitrotoluene	14.039	165	860789	49.814	ng	98
52) Acenaphthene	14.539	154	3170160	42.668	ng	100
53) 3-Nitroaniline	14.368	138	563718	30.675	ng	98
54) 2,4-Dinitrophenol	14.574	184	1113009	113.784	ng	# 80
55) Dibenzofuran	14.868	168	4945509	43.200	ng	100
56) 4-Nitrophenol	14.674	139	1638937	103.706	ng	93
57) 2,4-Dinitrotoluene	14.827	165	1228929	47.535	ng	94
58) Fluorene	15.515	166	4168156	44.204	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	1207167	51.315	ng	95
60) Diethylphthalate	15.292	149	3861880	44.921	ng	99
61) 4-Chlorophenyl-phenylether	15.510	204	2208844	44.799	ng	99
62) 4-Nitroaniline	15.527	138	909774	43.328	ng	97
63) Azobenzene	15.804	77	3450278	43.707	ng	98
65) 4,6-Dinitro-2-methylph...	15.586	198	720304	51.455	ng	90
66) n-Nitrosodiphenylamine	15.721	169	3608052	44.740	ng	100
67) 4-Bromophenyl-phenylether	16.404	248	1312003	46.206	ng	99
68) Hexachlorobenzene	16.521	284	1549201	46.195	ng	93
69) Atrazine	16.668	200	1289427	48.692	ng	98
70) Pentachlorophenol	16.857	266	2215848	106.139	ng	99
71) Phenanthrene	17.245	178	6459797	44.296	ng	99
72) Anthracene	17.339	178	6525802	44.955	ng	100
73) Carbazole	17.604	167	5990146	45.606	ng	99
74) Di-n-butylphthalate	18.174	149	6580213	45.771	ng	99
75) Fluoranthene	19.256	202	7520946	47.440	ng	99
77) Benzidine	19.433	184	3635488	51.225	ng	100
78) Pyrene	19.615	202	7894204	44.299	ng	100
80) Butylbenzylphthalate	20.509	149	2973351	50.602	ng	98
81) Benzo(a)anthracene	21.409	228	8219836	45.339	ng	100
82) 3,3'-Dichlorobenzidine	21.333	252	1768792	28.930	ng	99
83) Chrysene	21.474	228	7646510	44.716	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	4492379	48.161	ng	97
85) Di-n-octyl phthalate	22.480	149	7546967	51.658	ng	98
87) Indeno(1,2,3-cd)pyrene	27.874	276	9671372	46.601	ng	99
88) Benzo(b)fluoranthene	23.497	252	8003768	44.578	ng	99
89) Benzo(k)fluoranthene	23.562	252	8223977	44.143	ng	100
90) Benzo(a)pyrene	24.309	252	7712458	45.887	ng	99
91) Dibenzo(a,h)anthracene	27.932	278	8055574	46.089	ng	99
92) Benzo(g,h,i)perylene	28.932	276	7704675	46.641	ng	98

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

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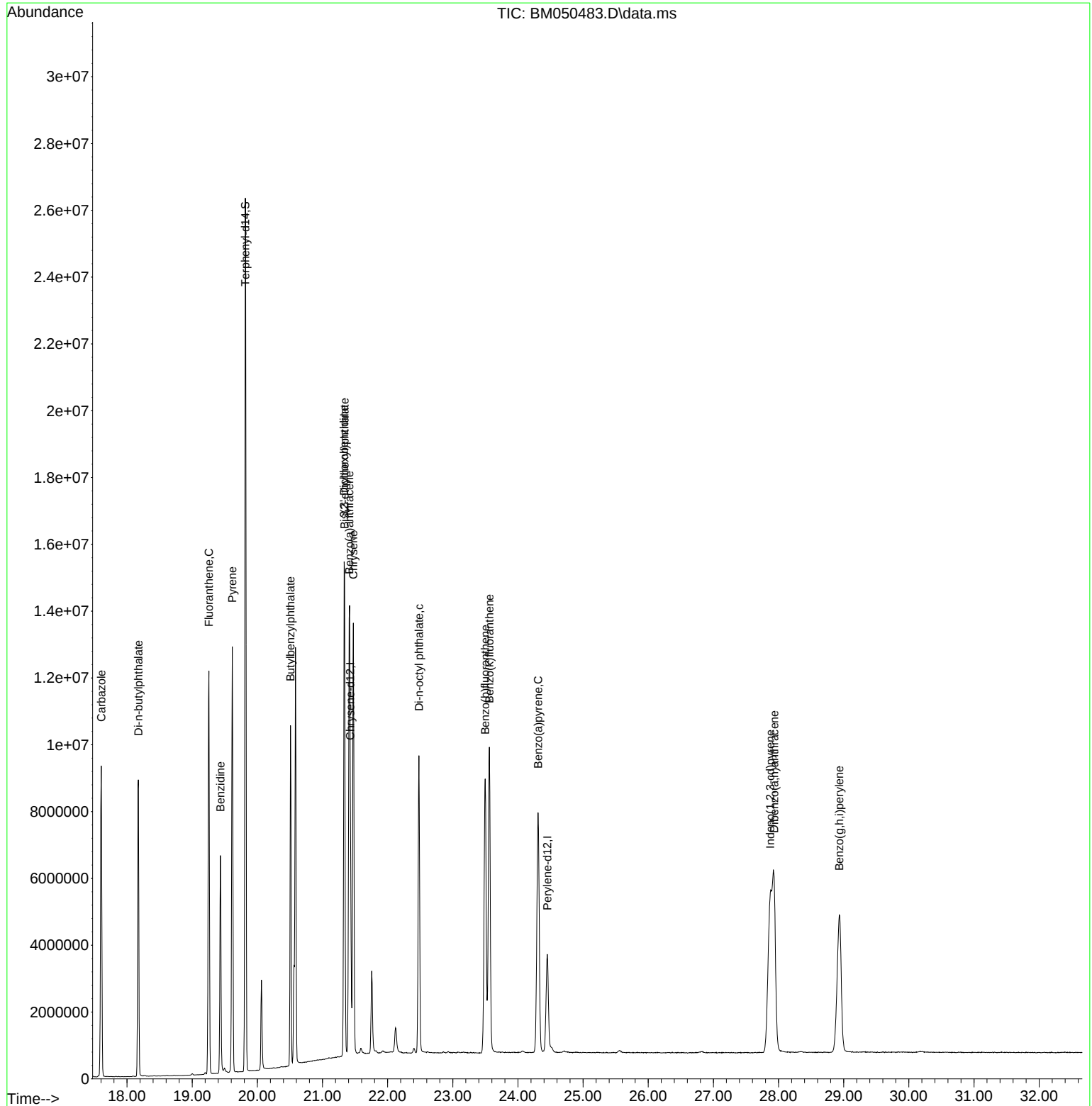
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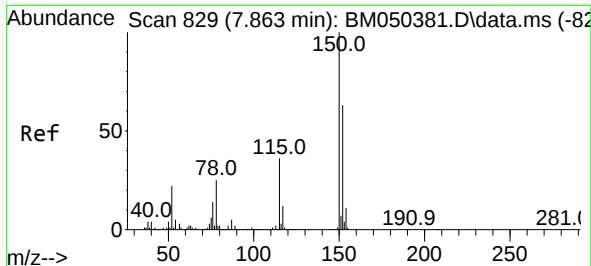


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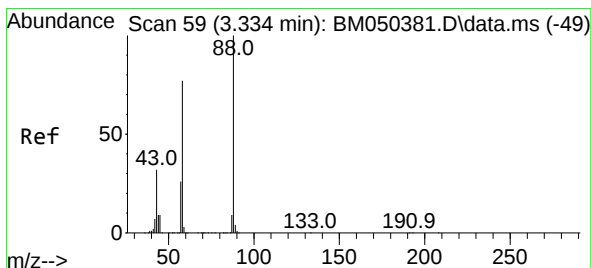
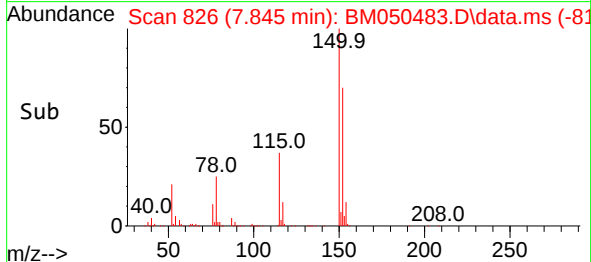
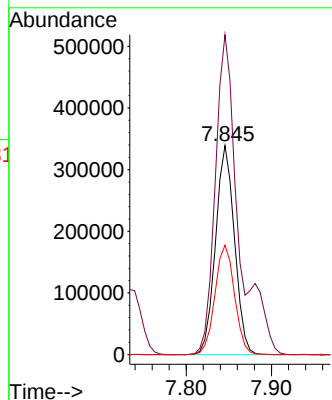
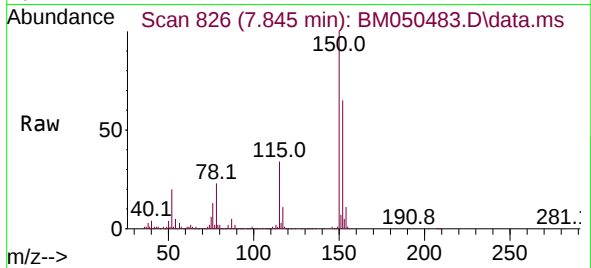




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.845 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM050483.D
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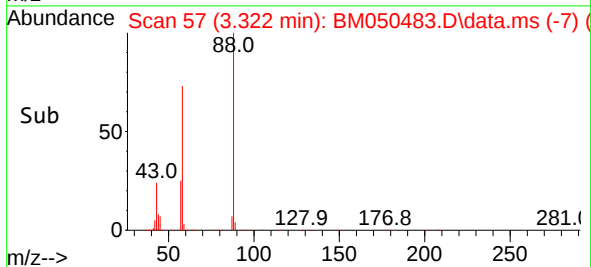
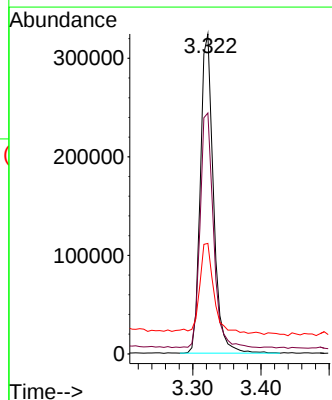
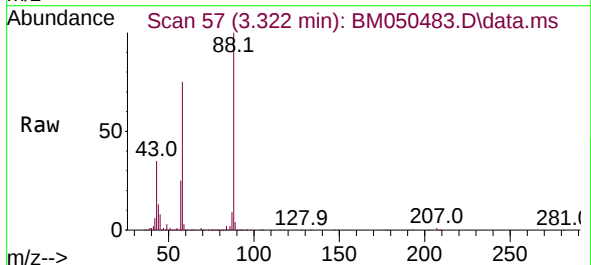
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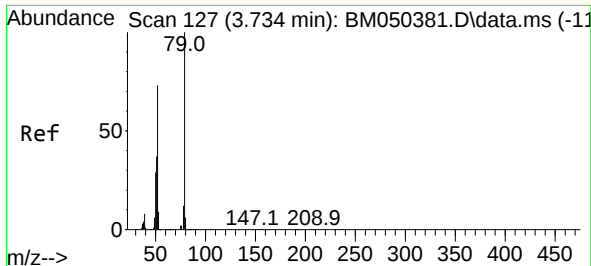
Tgt Ion:152 Resp: 524205
 Ion Ratio Lower Upper
 152 100
 150 153.0 126.2 189.4
 115 52.3 45.8 68.8



#2
 1,4-Dioxane
 Concen: 34.505 ng
 RT: 3.322 min Scan# 57
 Delta R.T. -0.006 min
 Lab File: BM050483.D
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Tgt Ion: 88 Resp: 432094
 Ion Ratio Lower Upper
 88 100
 58 74.9 61.0 91.6
 43 29.8 24.6 37.0

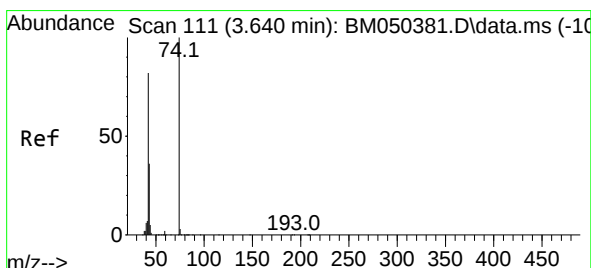
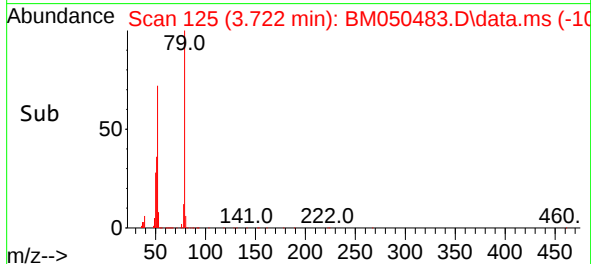
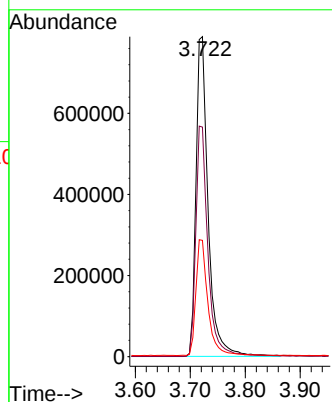
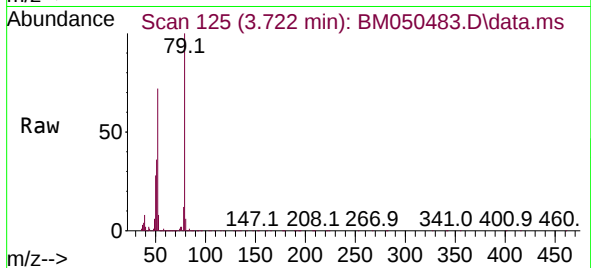




#3
 Pyridine
 Concen: 36.896 ng
 RT: 3.722 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM050483.D
 Acq: 22 Jul 2025 12:48

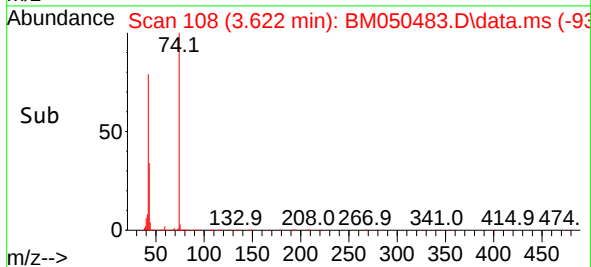
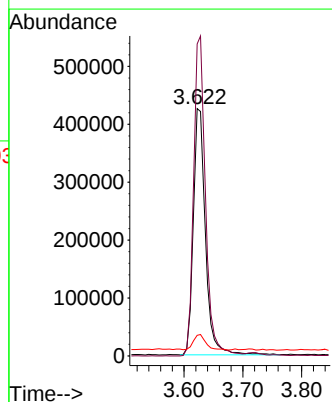
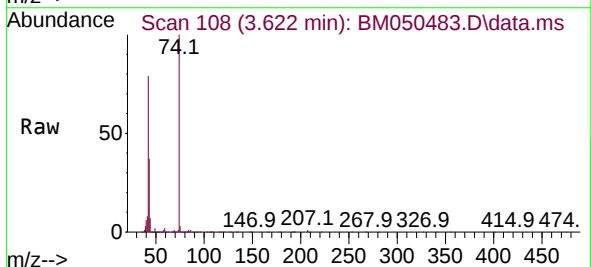
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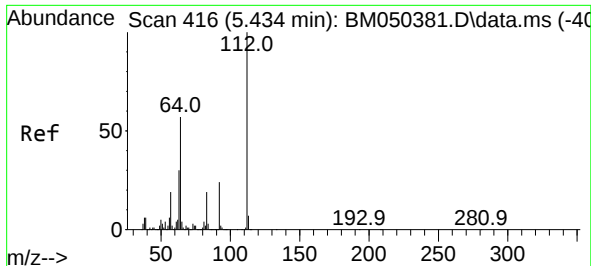
Tgt Ion: 79 Resp: 1212995
 Ion Ratio Lower Upper
 79 100
 52 71.7 58.3 87.5
 51 36.3 29.6 44.4



#4
 n-Nitrosodimethylamine
 Concen: 39.739 ng
 RT: 3.622 min Scan# 108
 Delta R.T. -0.012 min
 Lab File: BM050483.D
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Tgt Ion: 42 Resp: 609071
 Ion Ratio Lower Upper
 42 100
 74 126.1 97.5 146.3
 44 8.3 5.7 8.5

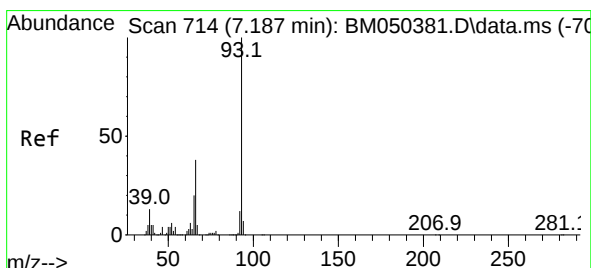
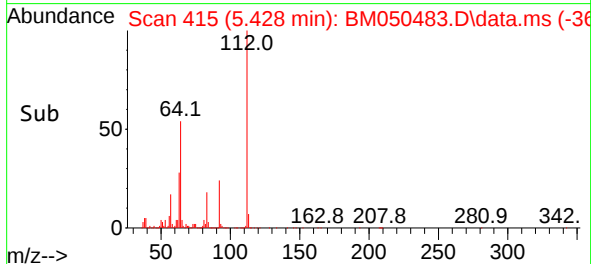
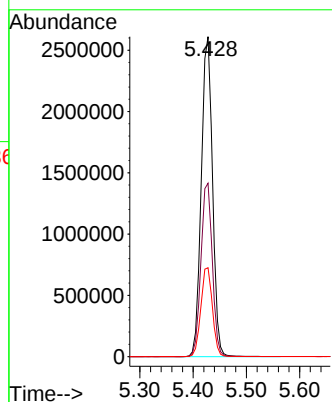
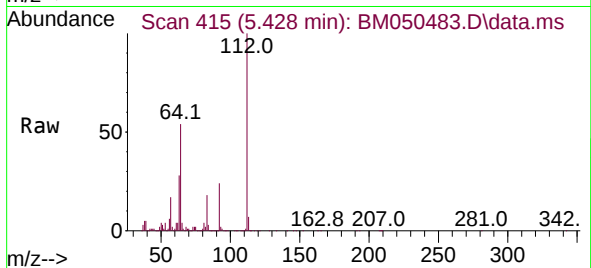




#5
2-Fluorophenol
Concen: 125.036 ng
RT: 5.428 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050483.D
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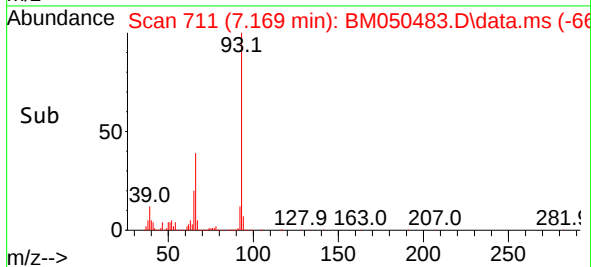
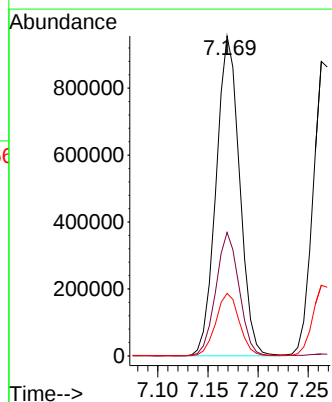
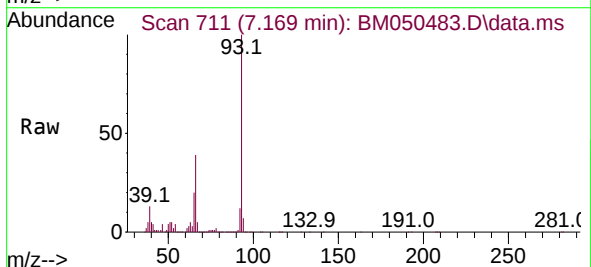
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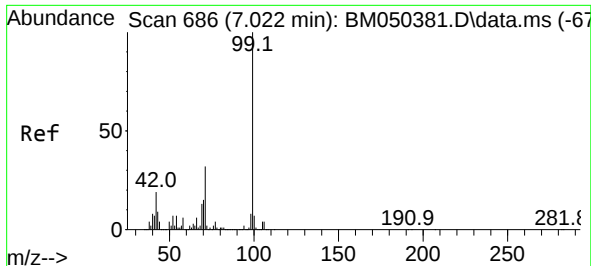
Tgt Ion:112 Resp: 3807792
Ion Ratio Lower Upper
112 100
64 54.2 45.5 68.3
63 27.8 24.2 36.4



#6
Aniline
Concen: 31.623 ng
RT: 7.169 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM050483.D
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Tgt Ion: 93 Resp: 1557979
Ion Ratio Lower Upper
93 100
66 38.6 30.5 45.7
65 19.5 15.9 23.9

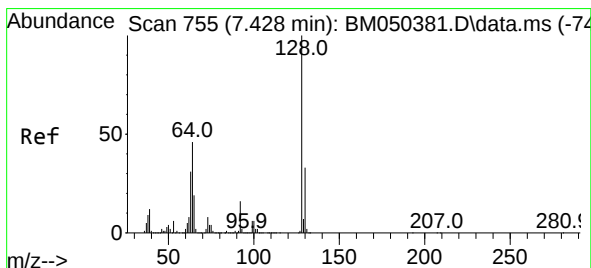
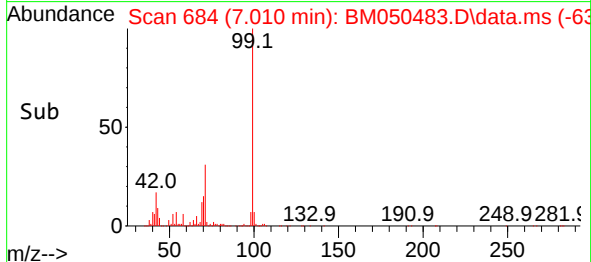
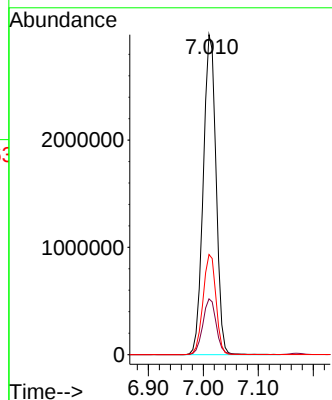
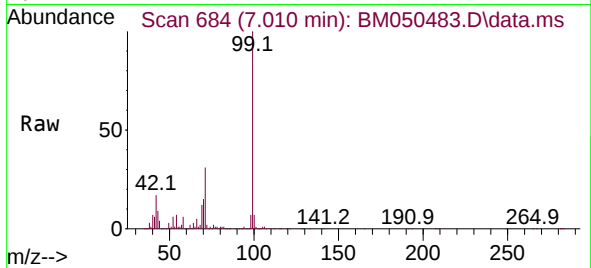




#7
Phenol-d6
Concen: 125.529 ng
RT: 7.010 min Scan# 681
Delta R.T. 0.000 min
Lab File: BM050483.D
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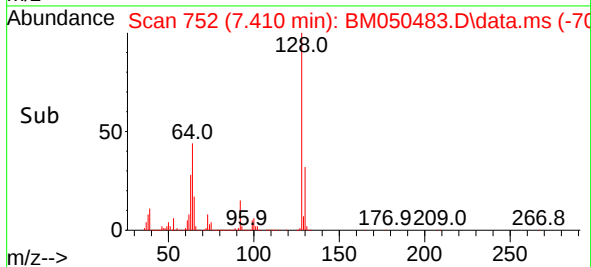
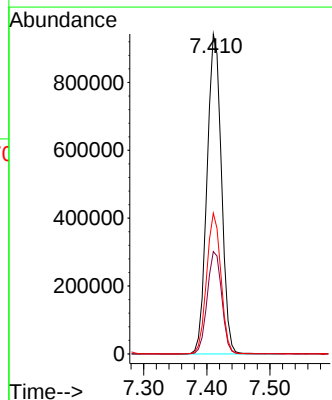
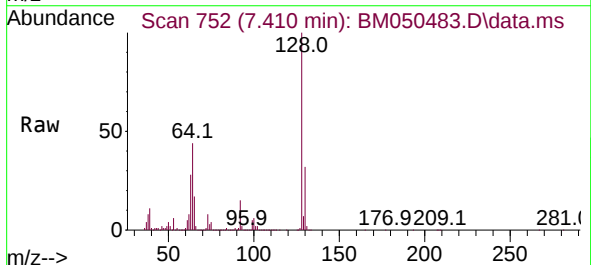
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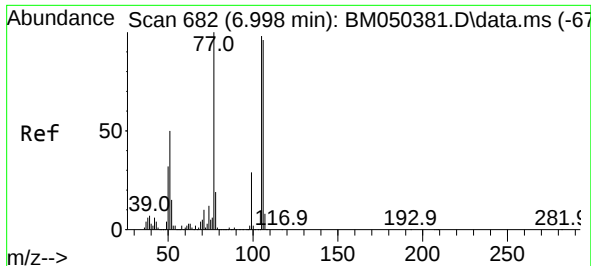
Tgt Ion: 99 Resp: 4819089
Ion Ratio Lower Upper
99 100
42 17.4 15.0 22.6
71 31.3 25.9 38.9



#8
2-Chlorophenol
Concen: 46.533 ng
RT: 7.410 min Scan# 752
Delta R.T. -0.006 min
Lab File: BM050483.D
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Tgt Ion: 128 Resp: 1494267
Ion Ratio Lower Upper
128 100
130 32.0 13.3 53.3
64 44.0 25.6 65.6

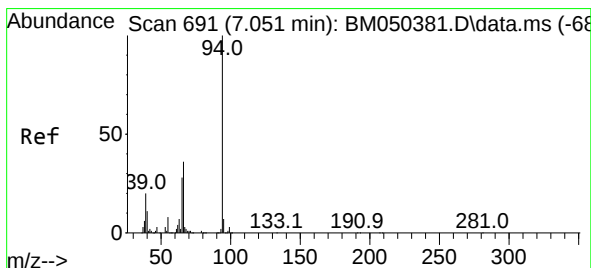
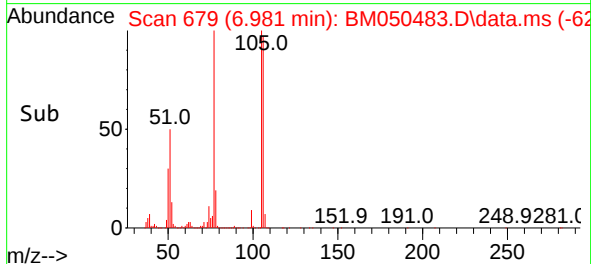
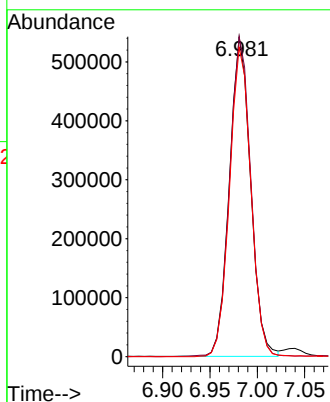
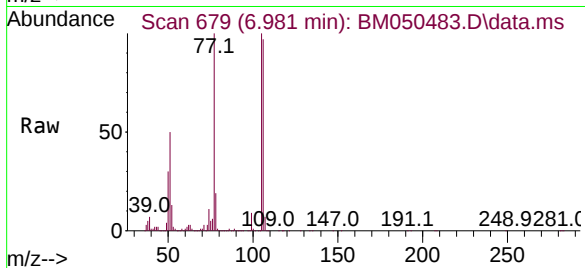




#9
Benzaldehyde
Concen: 37.080 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
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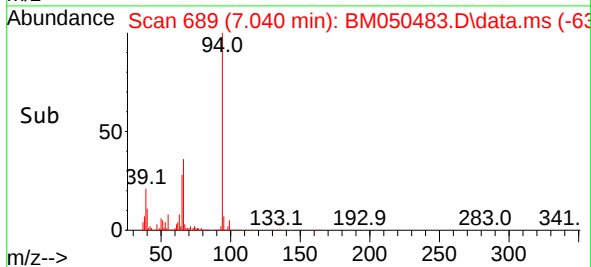
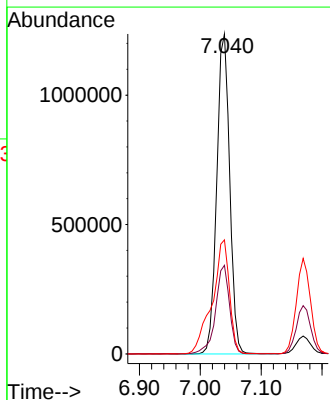
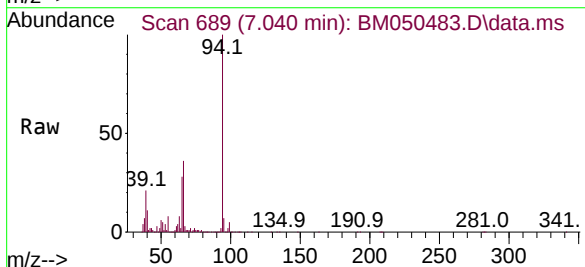
Instrument :
BNA_M
ClientSampleId :
PB168813BS

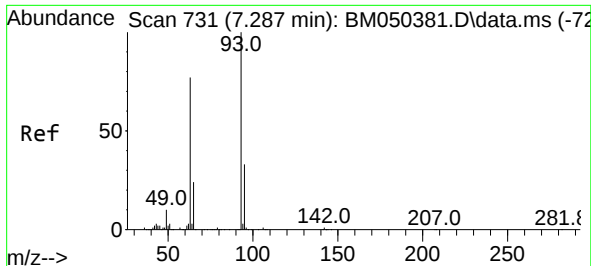
Tgt Ion: 77 Resp: 846798
Ion Ratio Lower Upper
77 100
105 100.2 78.4 118.4
106 96.8 76.3 116.3



#10
Phenol
Concen: 45.561 ng
RT: 7.040 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion: 94 Resp: 1824323
Ion Ratio Lower Upper
94 100
65 27.7 8.1 48.1
66 35.6 15.8 55.8

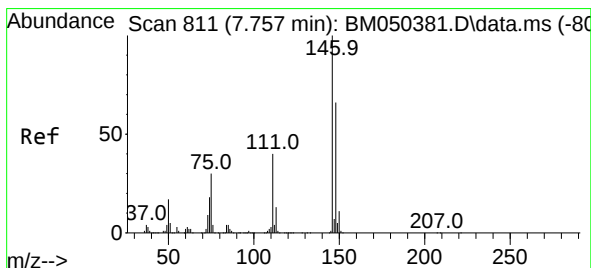
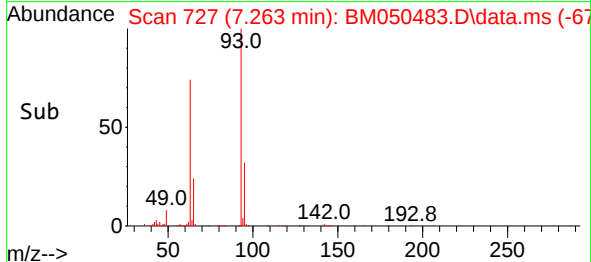
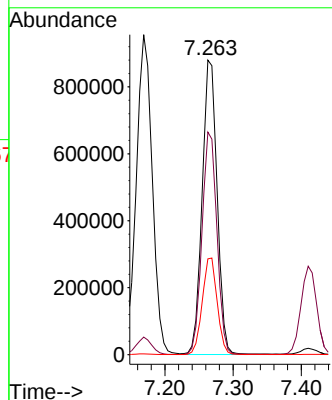
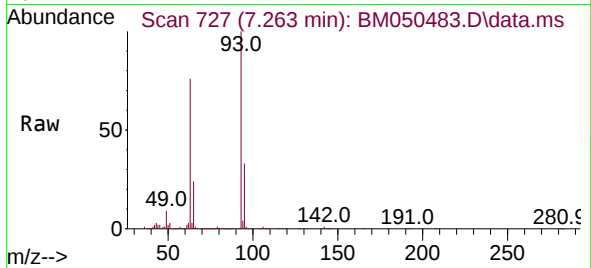




#11
bis(2-Chloroethyl)ether
Concen: 41.922 ng
RT: 7.263 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

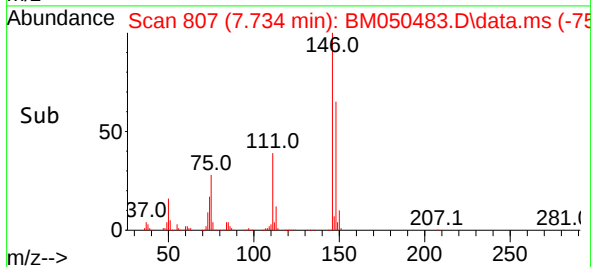
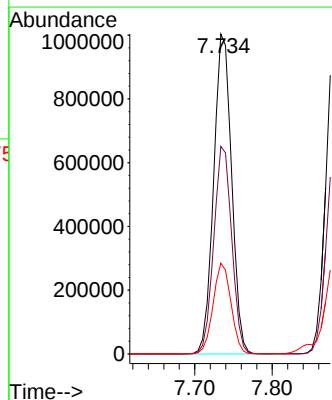
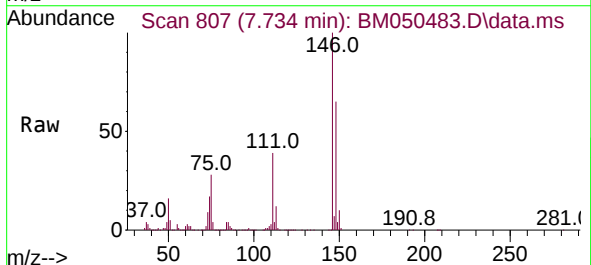
Instrument :
BNA_M
ClientSampleId :
PB168813BS

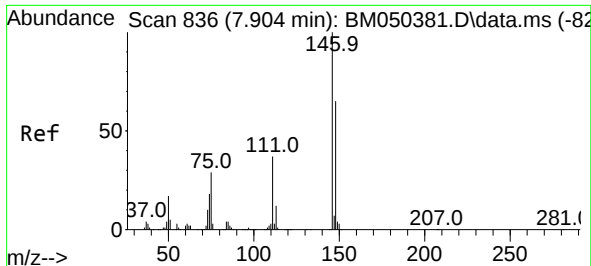
Tgt Ion: 93 Resp: 1344299
Ion Ratio Lower Upper
93 100
63 75.5 56.9 96.9
95 32.5 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.314 ng
RT: 7.734 min Scan# 807
Delta R.T. -0.006 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:146 Resp: 1613182
Ion Ratio Lower Upper
146 100
148 64.9 53.2 79.8
75 28.3 23.9 35.9

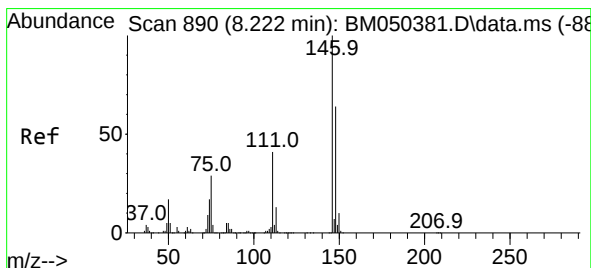
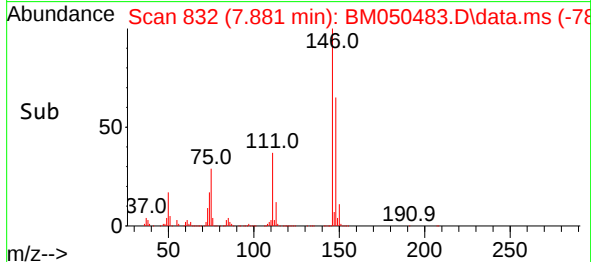
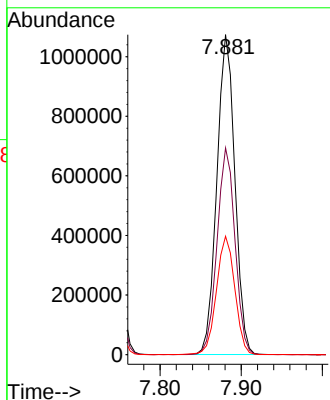
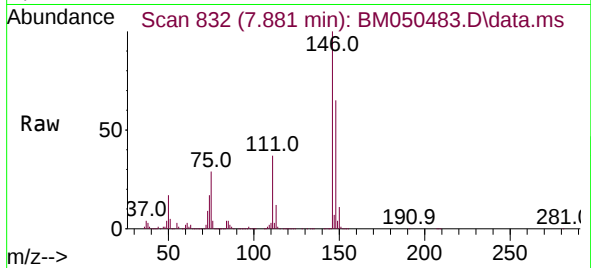




#13
1,4-Dichlorobenzene
Concen: 41.413 ng
RT: 7.881 min Scan# 831
Delta R.T. -0.006 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

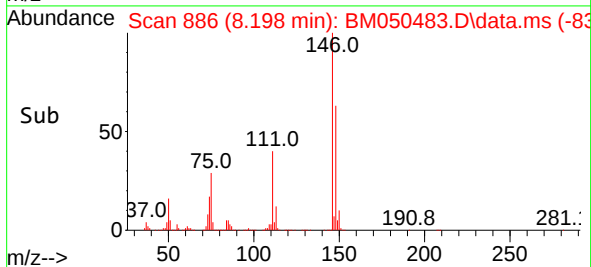
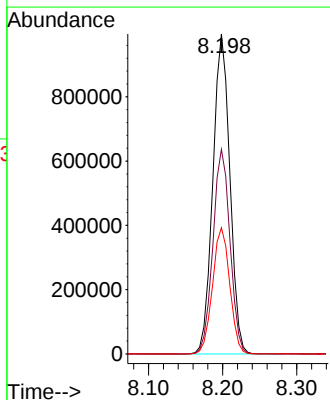
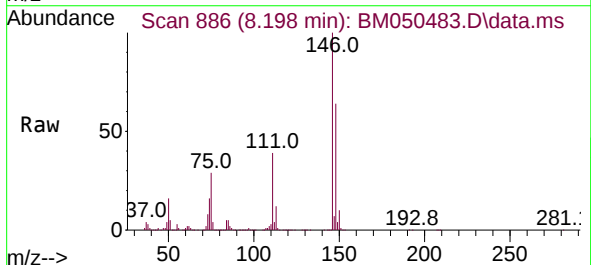
Instrument :
BNA_M
ClientSampleId :
PB168813BS

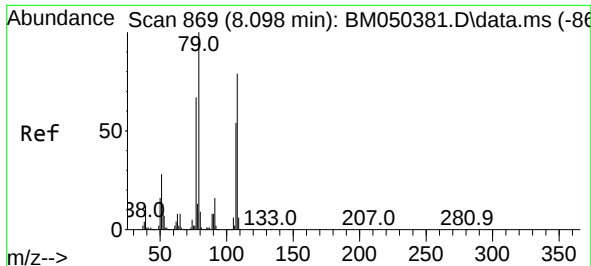
Tgt Ion:146 Resp: 1651145
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
111 37.0 30.0 45.0



#14
1,2-Dichlorobenzene
Concen: 41.530 ng
RT: 8.198 min Scan# 886
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:146 Resp: 1585253
Ion Ratio Lower Upper
146 100
148 63.9 51.5 77.3
111 39.4 32.6 49.0

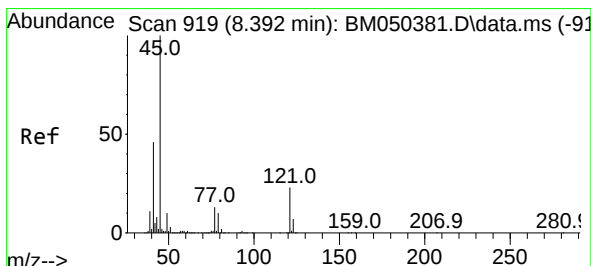
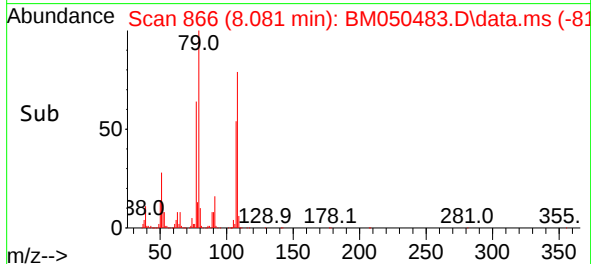
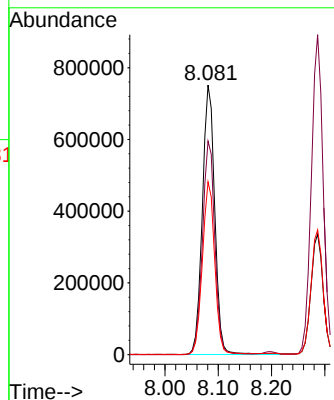
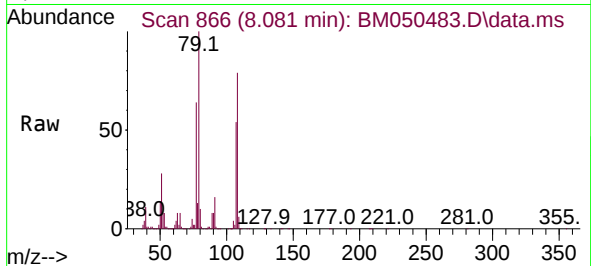




#15
Benzyl Alcohol
Concen: 44.857 ng
RT: 8.081 min Scan# 866
Delta R.T. -0.006 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

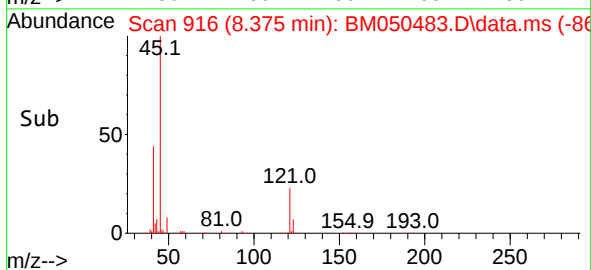
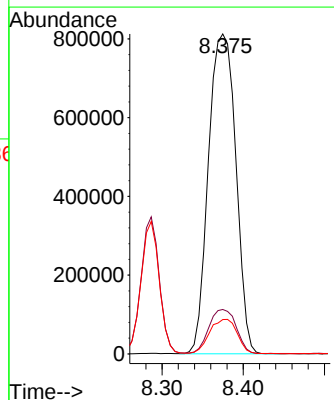
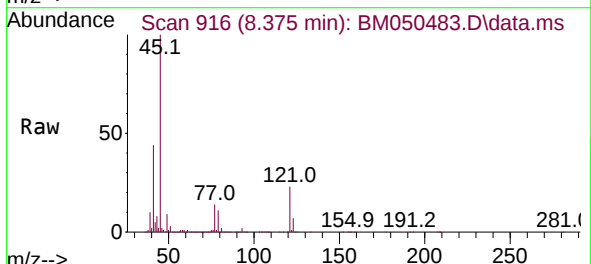
Instrument :
BNA_M
ClientSampleId :
PB168813BS

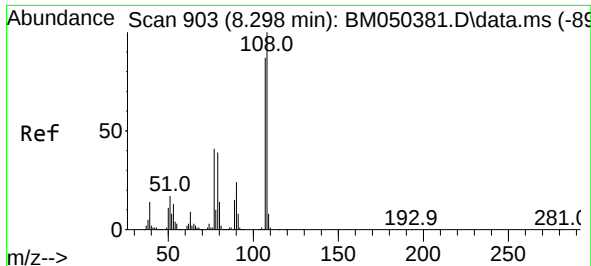
Tgt Ion: 79 Resp: 1213353
Ion Ratio Lower Upper
79 100
108 79.2 63.0 94.4
77 64.1 53.4 80.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.315 ng
RT: 8.375 min Scan# 916
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion: 45 Resp: 1904234
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.5
79 10.7 0.0 30.3

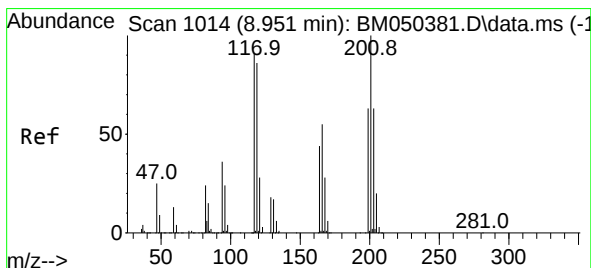
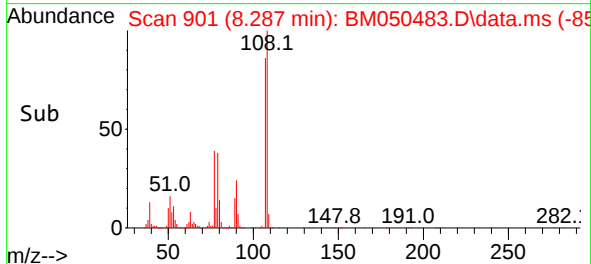
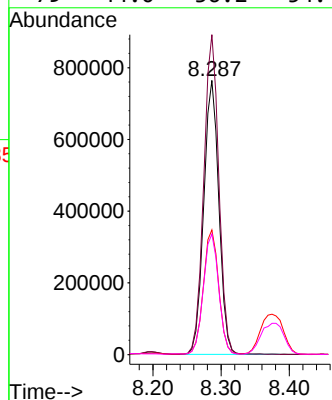
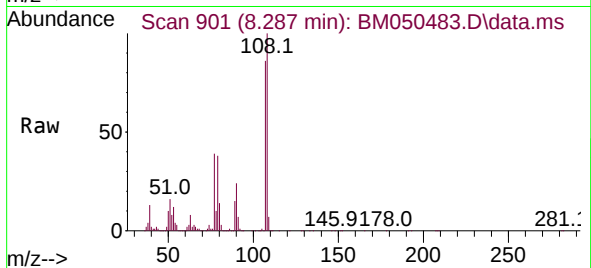




#17
2-Methylphenol
Concen: 45.353 ng
RT: 8.287 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

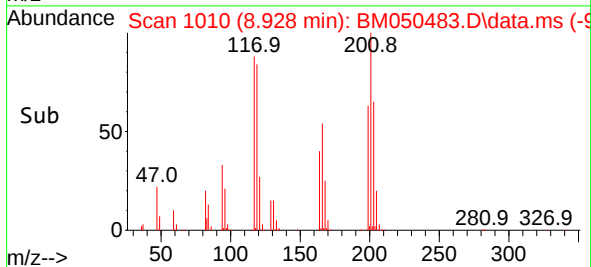
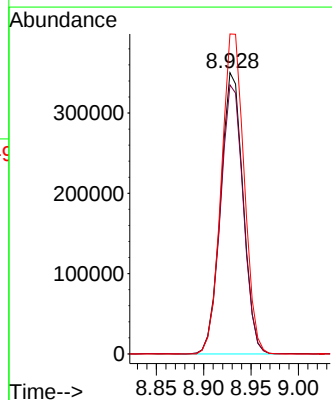
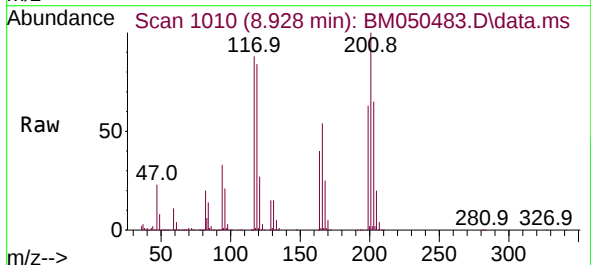
Instrument :
BNA_M
ClientSampleId :
PB168813BS

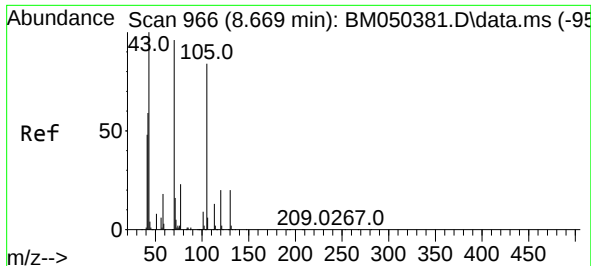
Tgt Ion:107 Resp: 1177817
Ion Ratio Lower Upper
107 100
108 116.7 92.1 138.1
77 45.5 38.2 57.4
79 44.0 36.2 54.4



#18
Hexachloroethane
Concen: 41.253 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:117 Resp: 578463
Ion Ratio Lower Upper
117 100
119 95.7 75.6 113.4
201 113.8 87.9 131.9

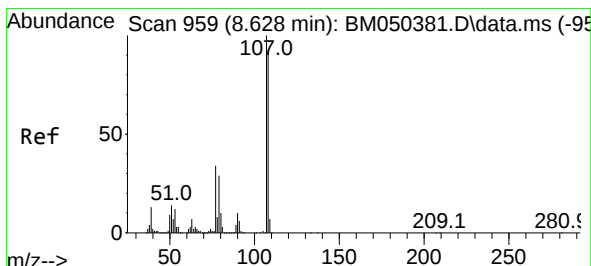
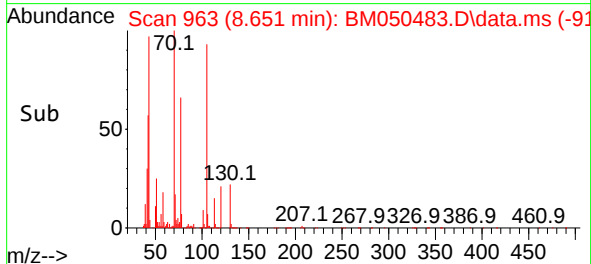
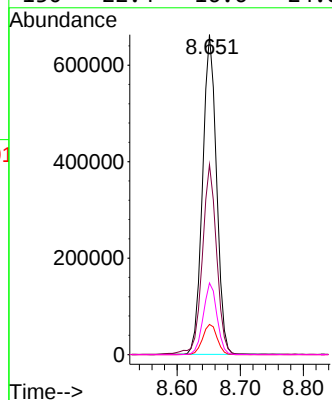
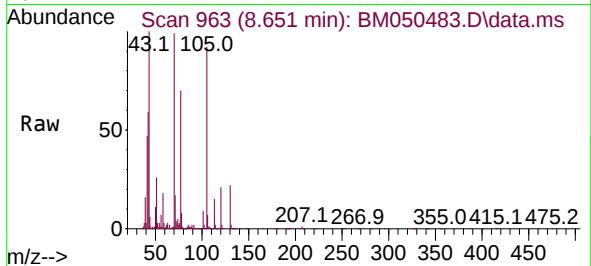




#19
n-Nitroso-di-n-propylamine
Concen: 43.616 ng
RT: 8.651 min Scan# 966
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

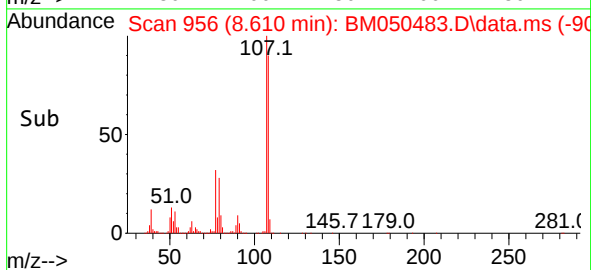
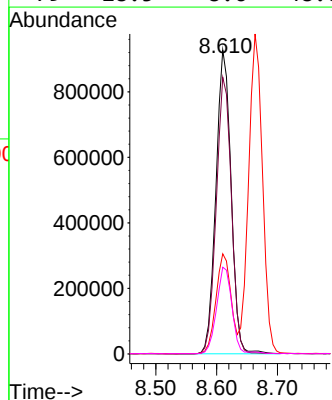
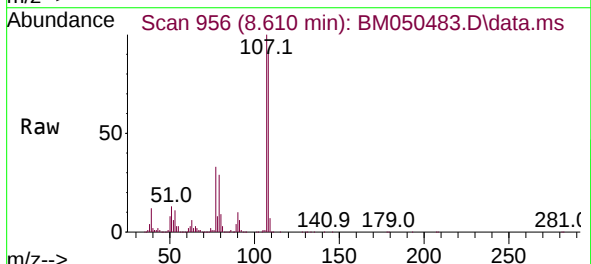
Instrument :
BNA_M
ClientSampleId :
PB168813BS

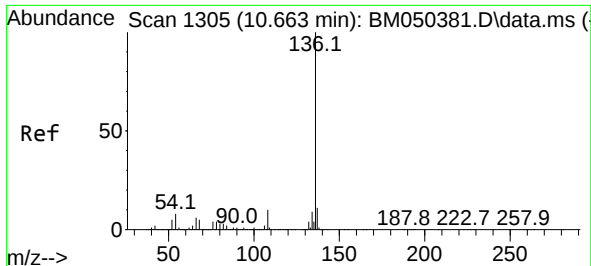
Tgt Ion: 70 Resp: 1014367
Ion Ratio Lower Upper
70 100
42 59.4 49.7 74.5
101 9.4 7.7 11.5
130 22.4 16.6 24.8



#20
3+4-Methylphenols
Concen: 46.045 ng
RT: 8.610 min Scan# 956
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion: 107 Resp: 1605287
Ion Ratio Lower Upper
107 100
108 91.0 71.5 111.5
77 32.9 13.7 53.7
79 28.5 8.6 48.6

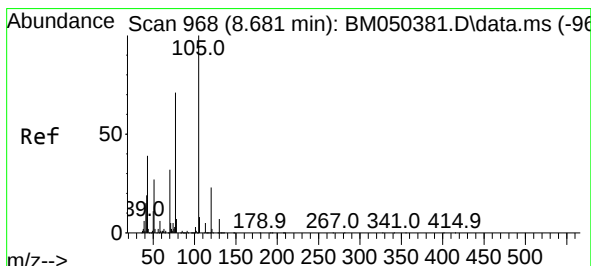
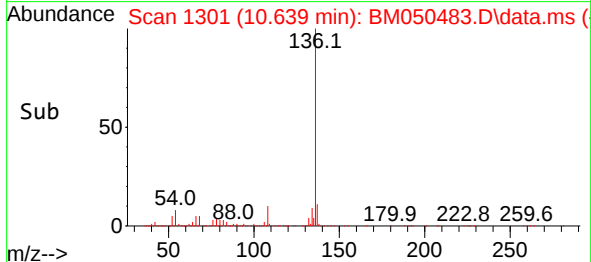
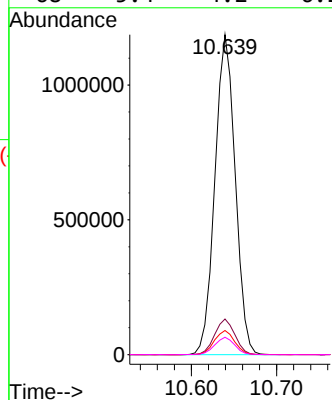
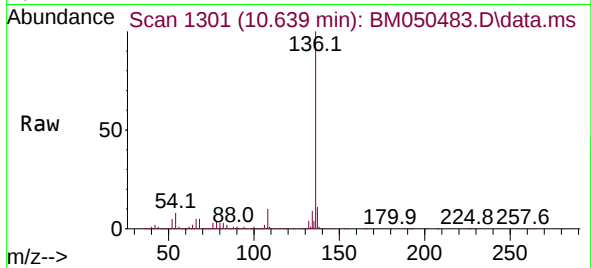




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

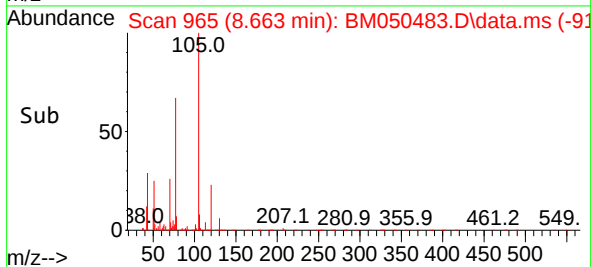
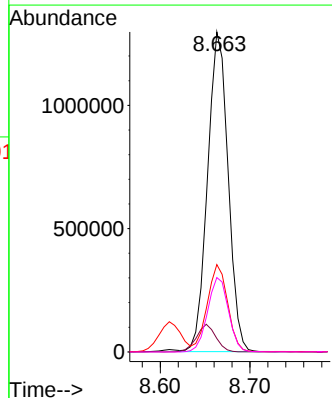
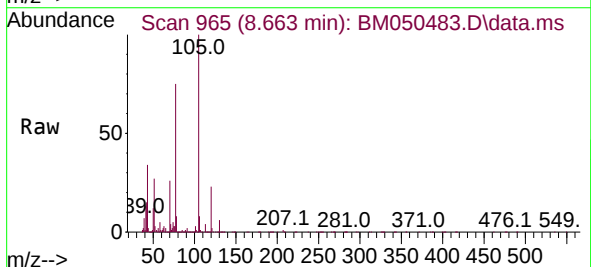
Instrument :
BNA_M
ClientSampleId :
PB168813BS

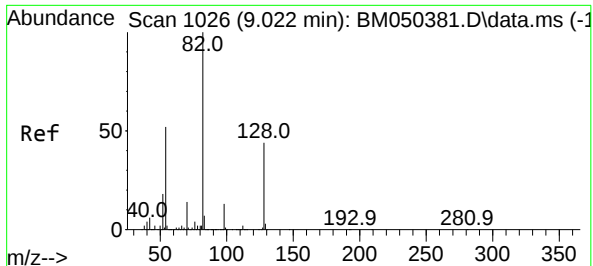
Tgt Ion:136 Resp: 1962665
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.5 6.3 9.5
68 5.4 4.2 6.2



#22
Acetophenone
Concen: 42.059 ng
RT: 8.663 min Scan# 965
Delta R.T. -0.006 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:105 Resp: 2063900
Ion Ratio Lower Upper
105 100
71 4.2 4.4 6.6#
51 27.3 23.0 34.6
120 23.2 18.3 27.5





#23

Nitrobenzene-d5

Concen: 74.817 ng

RT: 8.998 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

Instrument :

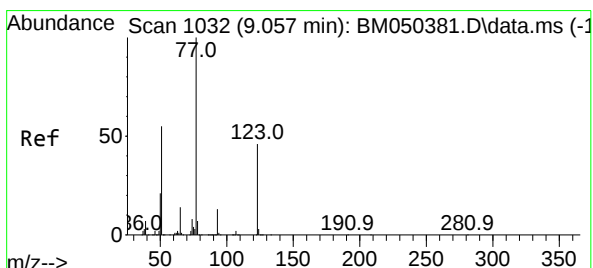
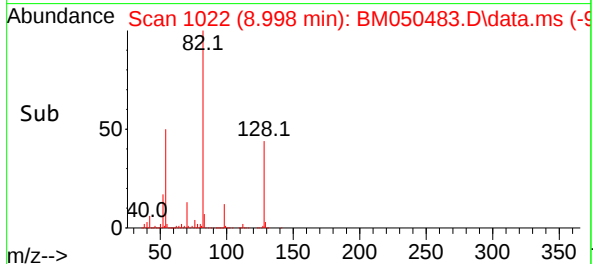
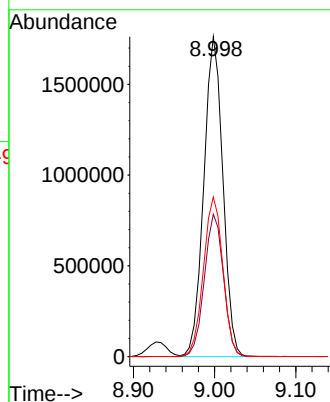
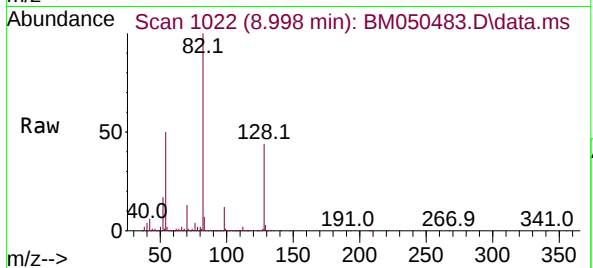
BNA_M

ClientSampleId :

PB168813BS

Tgt Ion: 82 Resp: 2878213

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.2	52.8
54	49.9	41.5	62.3



#24

Nitrobenzene

Concen: 43.335 ng

RT: 9.039 min Scan# 1029

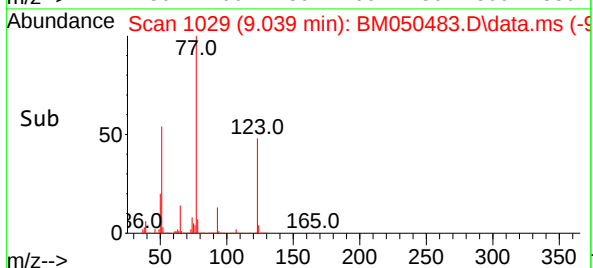
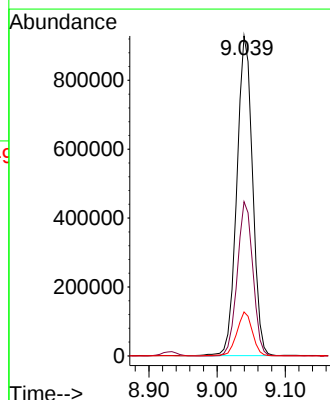
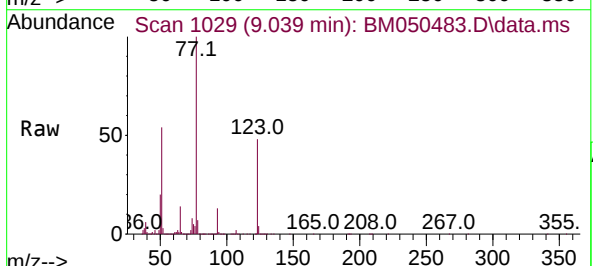
Delta R.T. -0.006 min

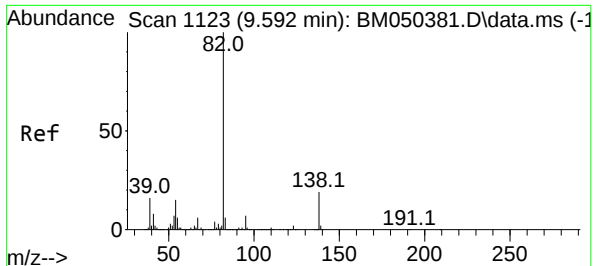
Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

Tgt Ion: 77 Resp: 1487630

Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.0	55.6
65	13.7	11.0	16.4

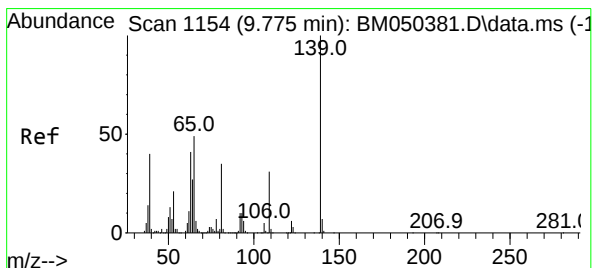
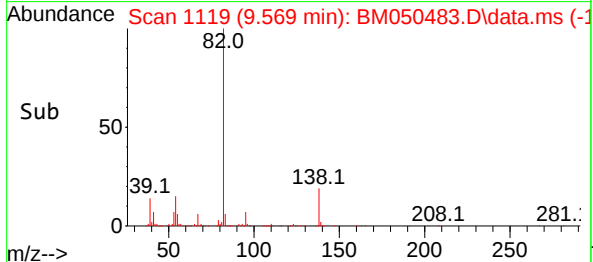
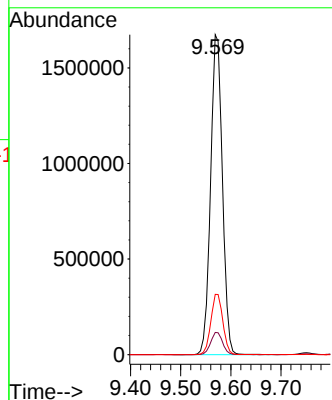
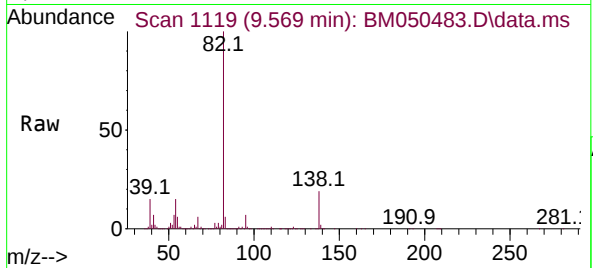




#25
Isophorone
Concen: 43.705 ng
RT: 9.569 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

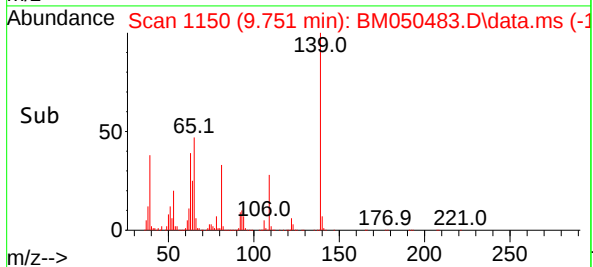
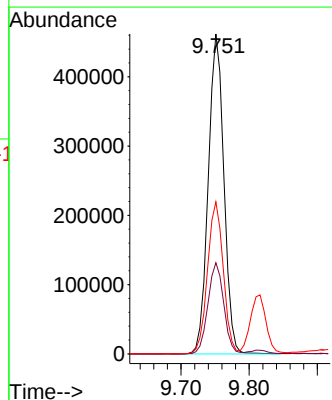
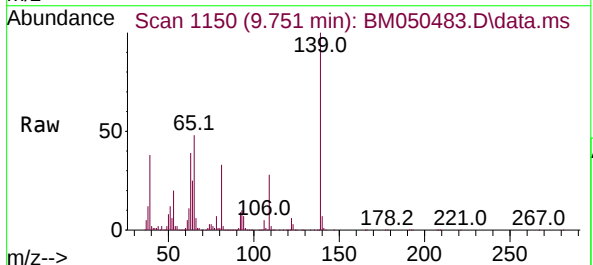
Instrument :
BNA_M
ClientSampleId :
PB168813BS

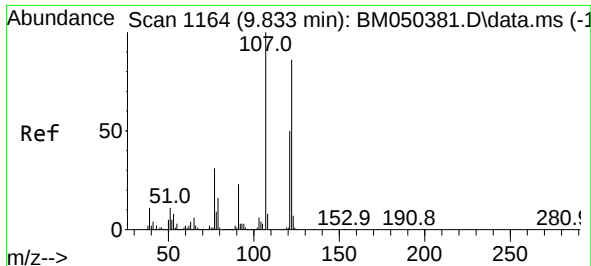
Tgt Ion: 82 Resp: 2728242
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 18.8 15.3 22.9



#26
2-Nitrophenol
Concen: 52.581 ng
RT: 9.751 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:139 Resp: 735672
Ion Ratio Lower Upper
139 100
109 28.5 24.6 36.8
65 47.5 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 46.852 ng

RT: 9.816 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BM050483.D

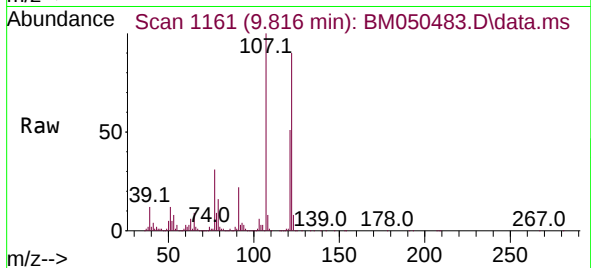
Acq: 22 Jul 2025 12:48

Instrument :

BNA_M

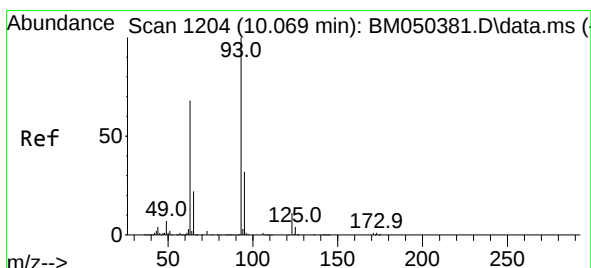
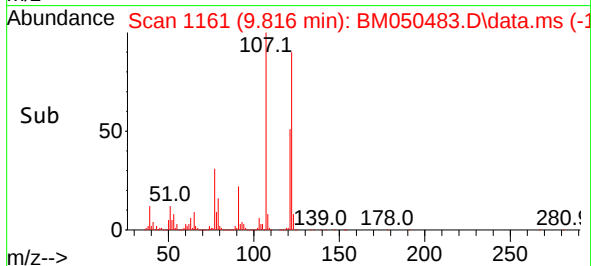
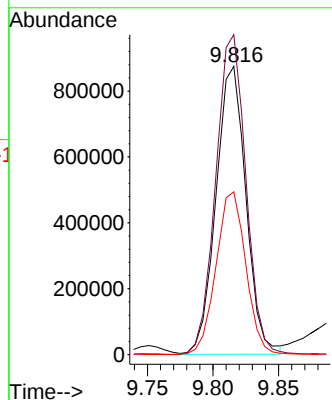
ClientSampleId :

PB168813BS



Tgt Ion:122 Resp: 1394874

Ion	Ratio	Lower	Upper
122	100		
107	111.0	93.0	139.6
121	56.5	46.1	69.1



#28

bis(2-Chloroethoxy)methane

Concen: 43.472 ng

RT: 10.051 min Scan# 1201

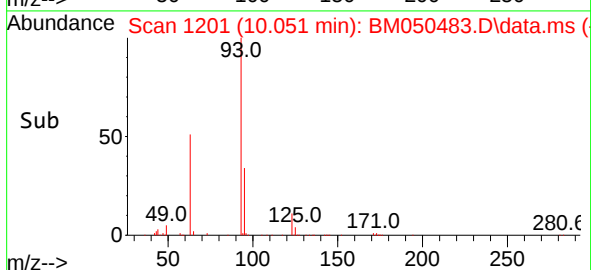
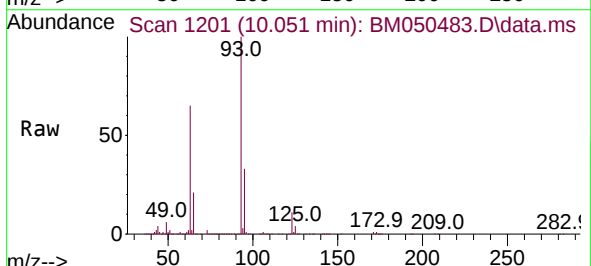
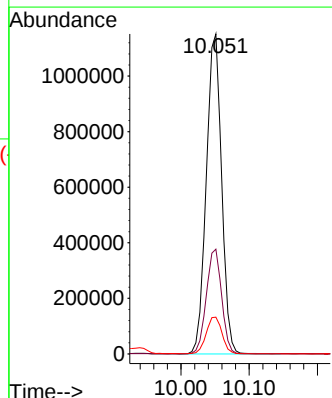
Delta R.T. 0.000 min

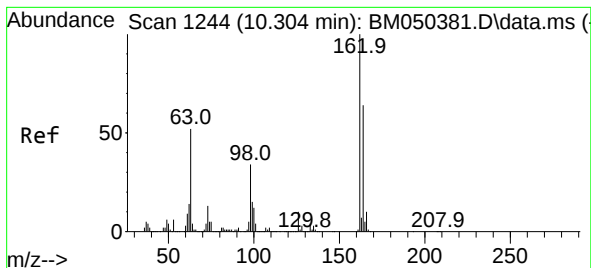
Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

Tgt Ion: 93 Resp: 1798163

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.6
123	11.5	9.1	13.7

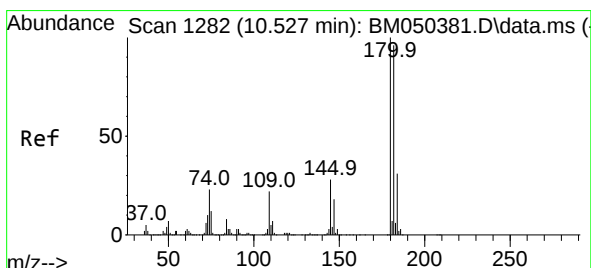
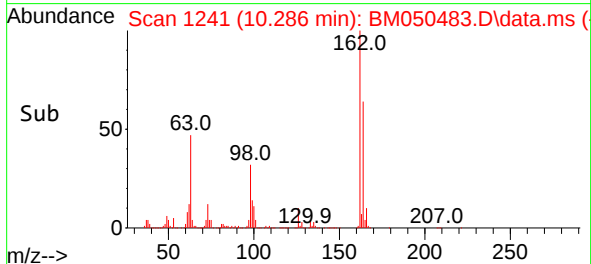
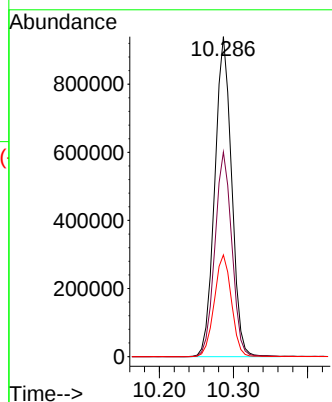
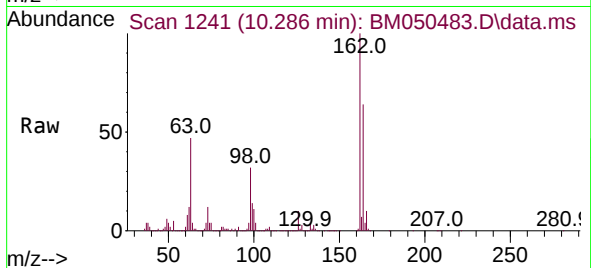




#29
2,4-Dichlorophenol
Concen: 48.570 ng
RT: 10.286 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

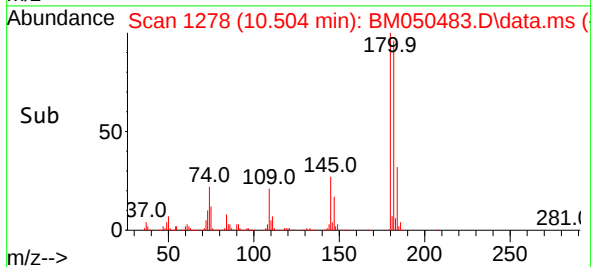
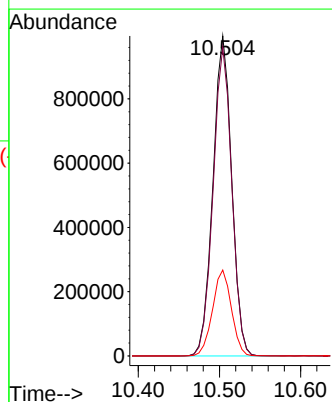
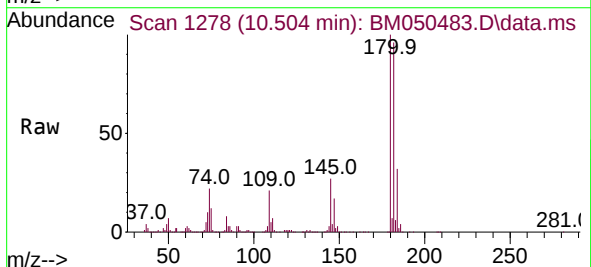
Instrument :
BNA_M
ClientSampleId :
PB168813BS

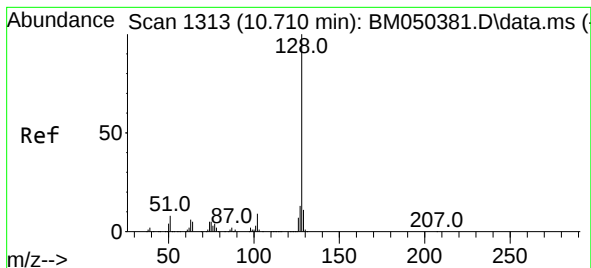
Tgt Ion:162 Resp: 1485574
Ion Ratio Lower Upper
162 100
164 63.9 43.7 83.7
98 31.8 13.7 53.7



#30
1,2,4-Trichlorobenzene
Concen: 43.655 ng
RT: 10.504 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:180 Resp: 1597327
Ion Ratio Lower Upper
180 100
182 96.4 76.8 115.2
145 26.8 22.6 33.8

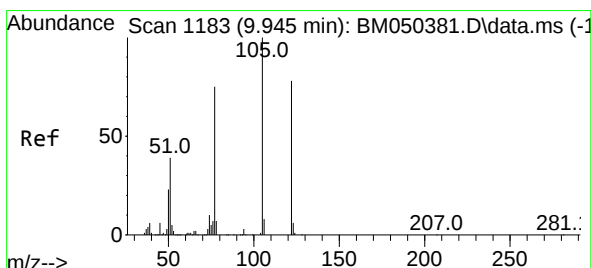
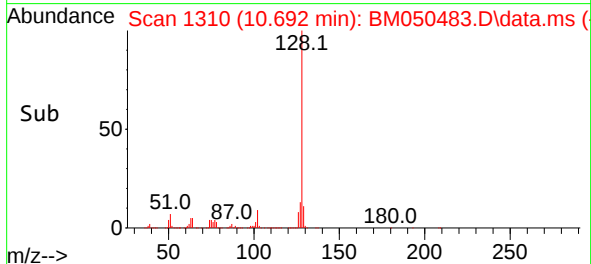
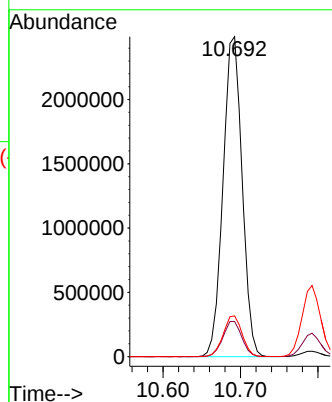
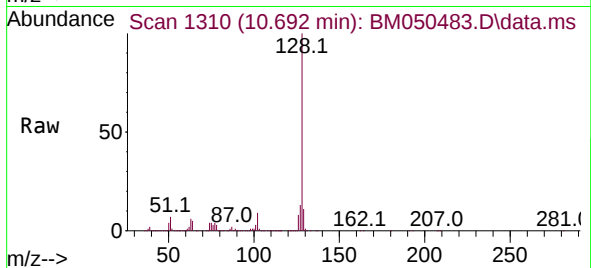




#31
Naphthalene
Concen: 42.756 ng
RT: 10.692 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

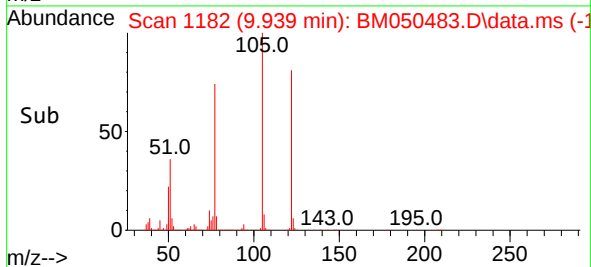
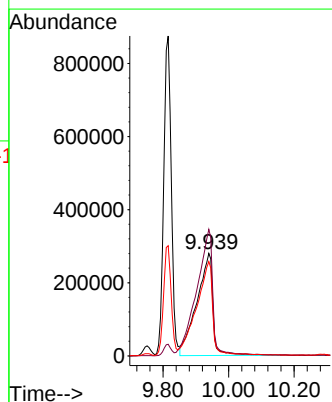
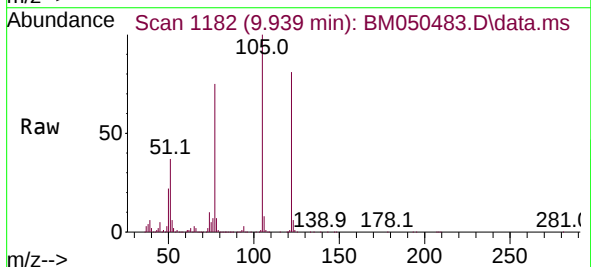
Instrument :
BNA_M
ClientSampleId :
PB168813BS

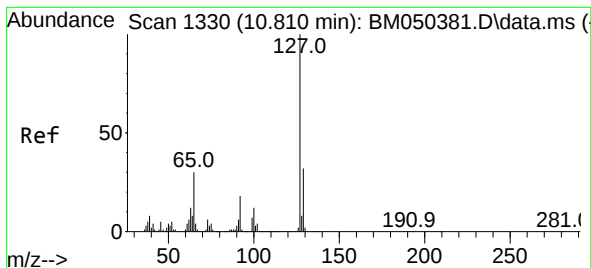
Tgt Ion:128 Resp: 4262299
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.7 10.4 15.6



#32
Benzoic acid
Concen: 51.690 ng
RT: 9.939 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:122 Resp: 954186
Ion Ratio Lower Upper
122 100
105 123.4 104.0 144.0
77 92.1 73.8 113.8

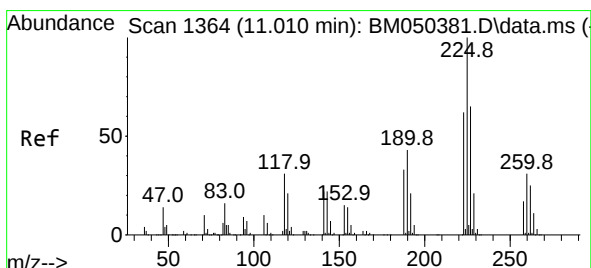
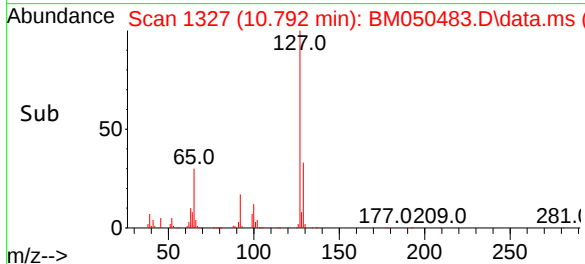
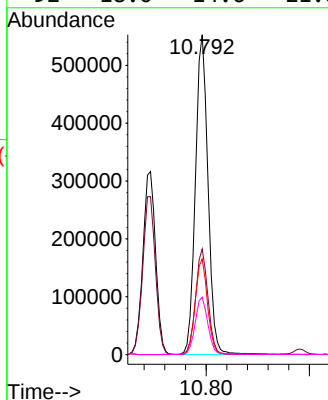
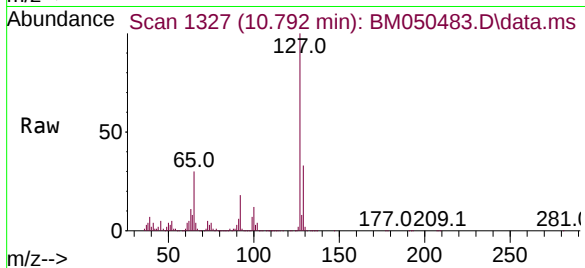




#33
4-Chloroaniline
Concen: 22.137 ng
RT: 10.792 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

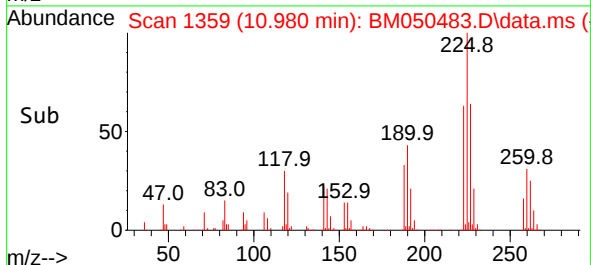
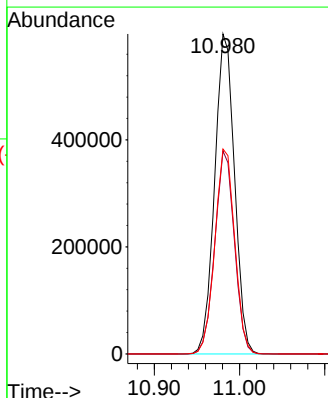
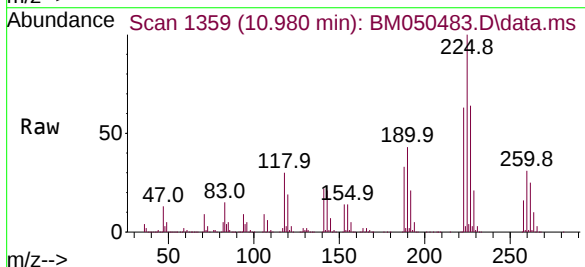
Instrument :
BNA_M
ClientSampleId :
PB168813BS

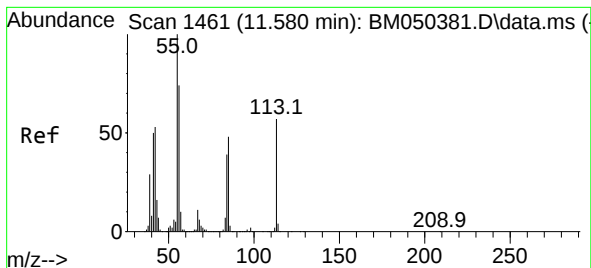
Tgt Ion:127	Resp: 932973
Ion Ratio	Lower Upper
127 100	
129 33.0	25.5 38.3
65 29.9	23.9 35.9
92 18.0	14.6 21.8



#34
Hexachlorobutadiene
Concen: 43.271 ng
RT: 10.980 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:225	Resp: 966324
Ion Ratio	Lower Upper
225 100	
223 63.4	49.7 74.5
227 64.0	52.1 78.1

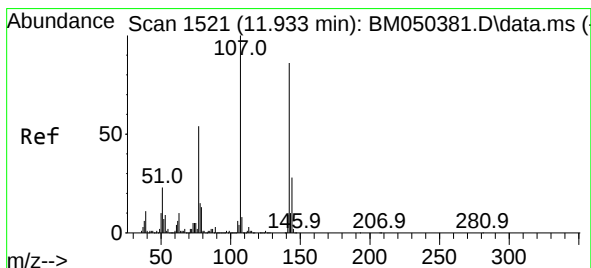
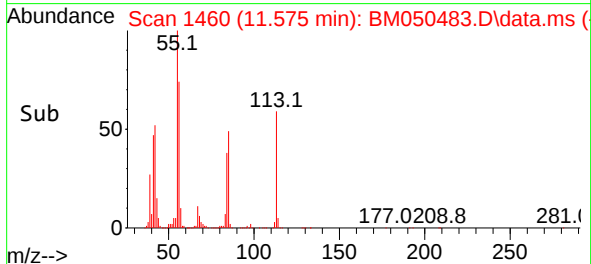
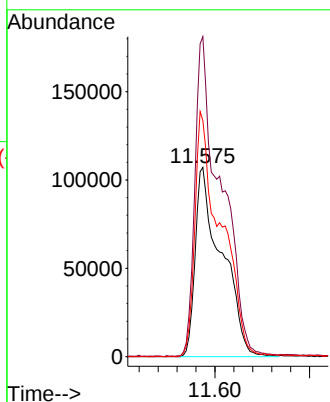
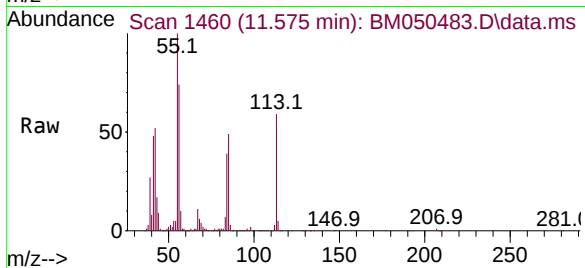




#35
Caprolactam
Concen: 49.537 ng
RT: 11.575 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

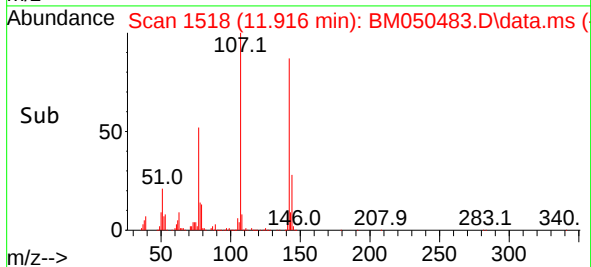
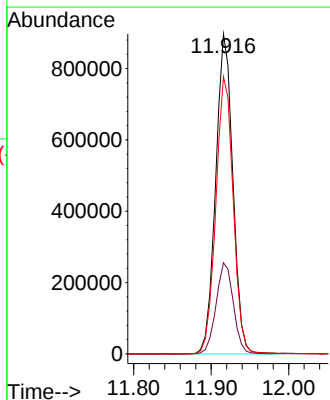
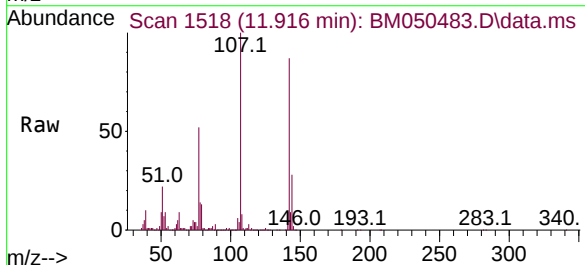
Instrument :
BNA_M
ClientSampleId :
PB168813BS

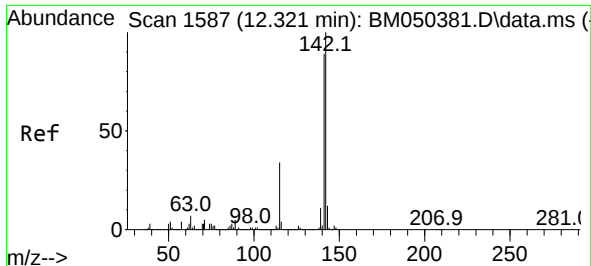
Tgt Ion:113 Resp: 413614
Ion Ratio Lower Upper
113 100
55 169.2 157.2 197.2
56 124.8 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 48.366 ng
RT: 11.916 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:107 Resp: 1381438
Ion Ratio Lower Upper
107 100
144 28.5 22.2 33.4
142 86.6 68.7 103.1

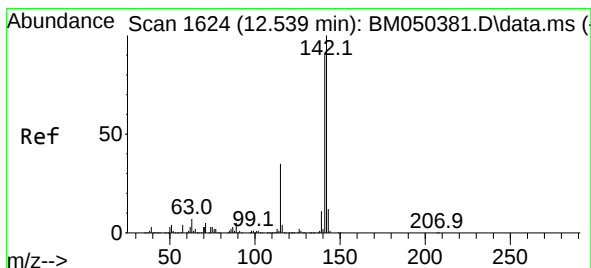
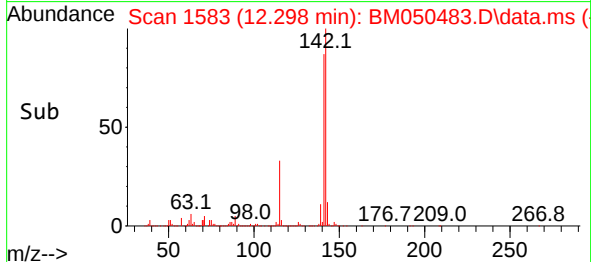
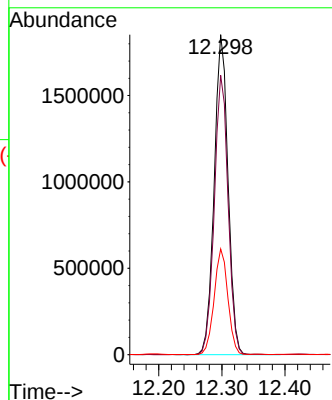
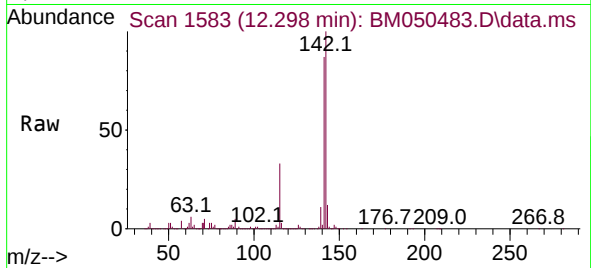




#37
2-Methylnaphthalene
Concen: 44.854 ng
RT: 12.298 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

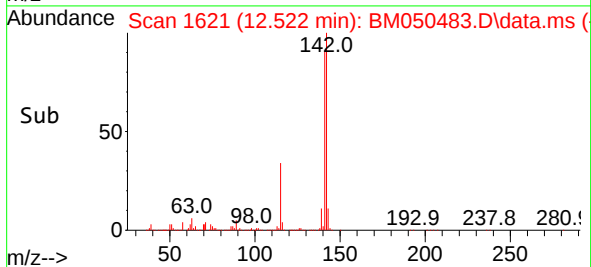
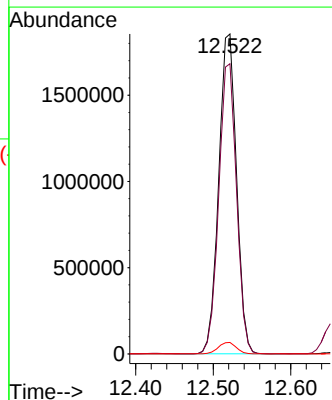
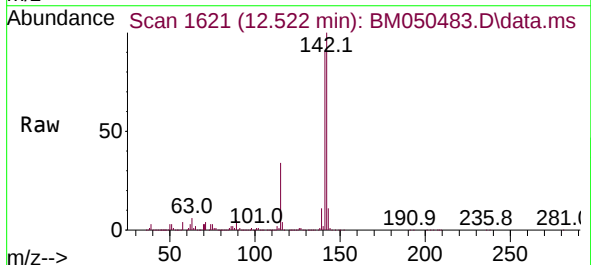
Instrument :
BNA_M
ClientSampleId :
PB168813BS

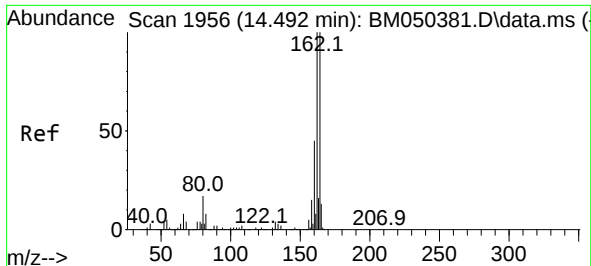
Tgt Ion:142 Resp: 2823299
Ion Ratio Lower Upper
142 100
141 87.3 70.8 106.2
115 33.1 27.0 40.4



#38
1-Methylnaphthalene
Concen: 44.385 ng
RT: 12.522 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:142 Resp: 2956698
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9
116 3.6 3.0 4.6

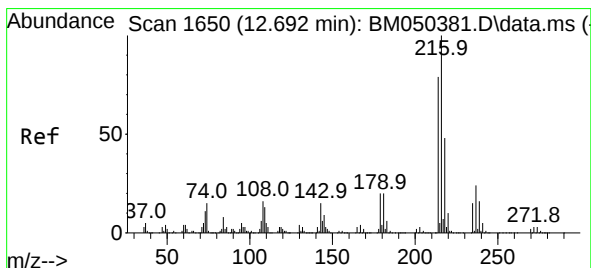
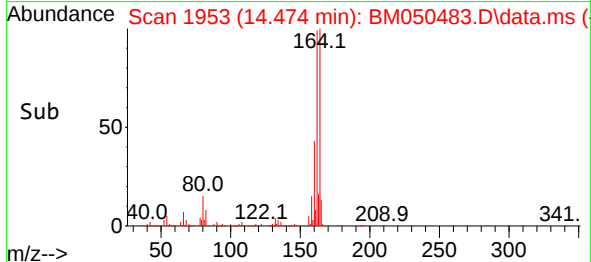
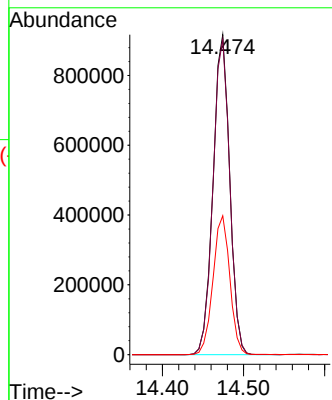
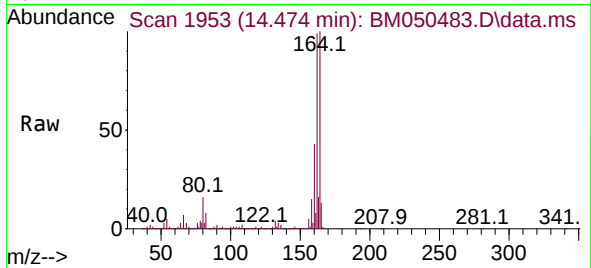




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

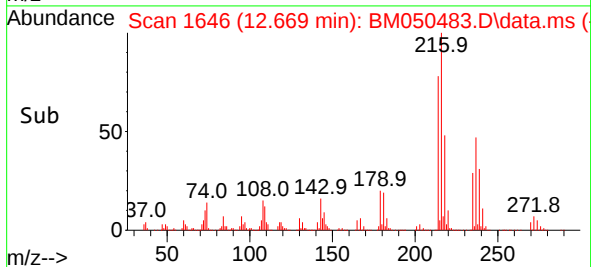
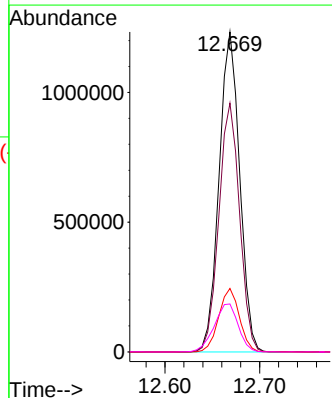
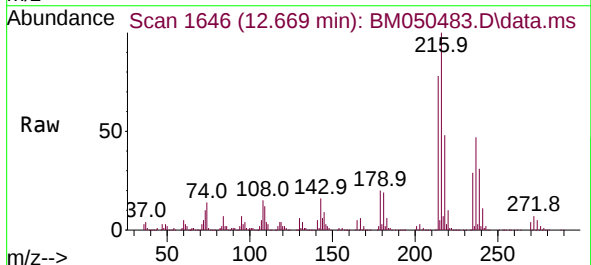
Instrument :
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ClientSampleId :
PB168813BS

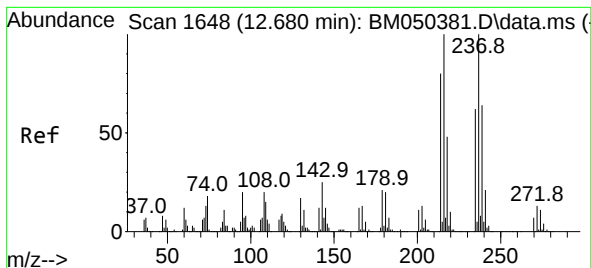
Tgt Ion:164 Resp: 1307217
Ion Ratio Lower Upper
164 100
162 98.5 79.9 119.9
160 43.4 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.777 ng
RT: 12.669 min Scan# 1646
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:216 Resp: 1861423
Ion Ratio Lower Upper
216 100
214 78.2 63.3 94.9
179 19.9 16.4 24.6
108 17.5 13.9 20.9

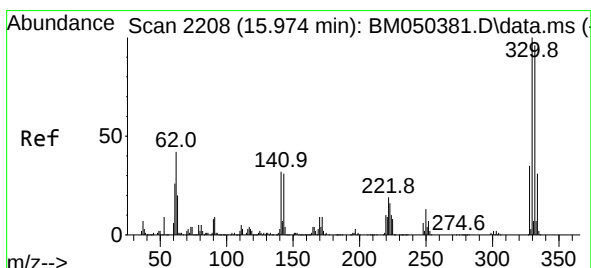
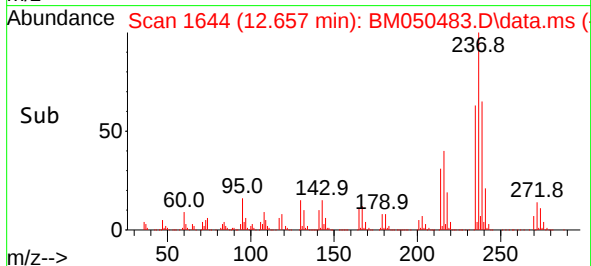
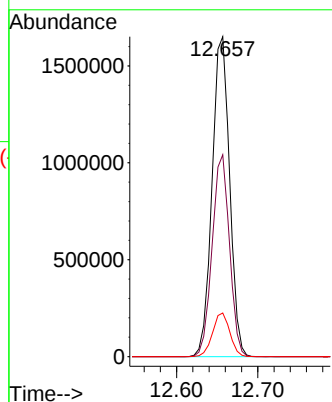
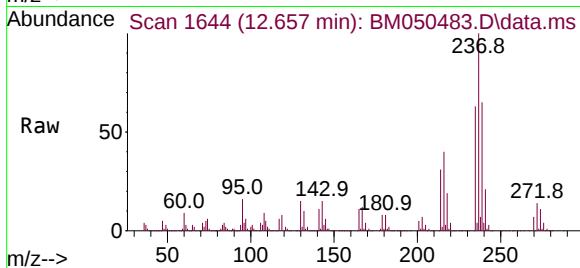




#41
Hexachlorocyclopentadiene
Concen: 93.092 ng
RT: 12.657 min Scan# 1644
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

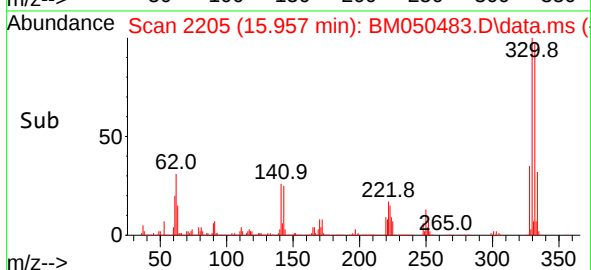
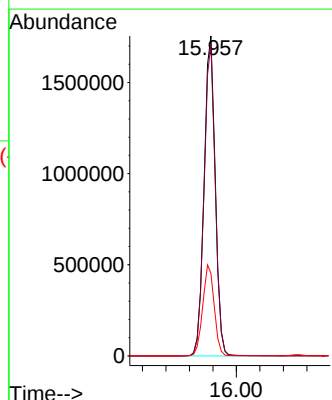
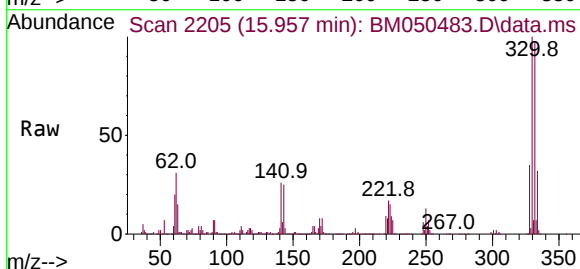
Instrument :
BNA_M
ClientSampleId :
PB168813BS

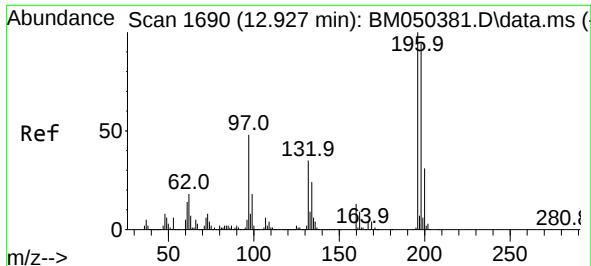
Tgt Ion:237 Resp: 2473699
Ion Ratio Lower Upper
237 100
235 63.1 42.3 82.3
272 13.6 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 146.061 ng
RT: 15.957 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:330 Resp: 2319858
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 29.2 27.4 41.0

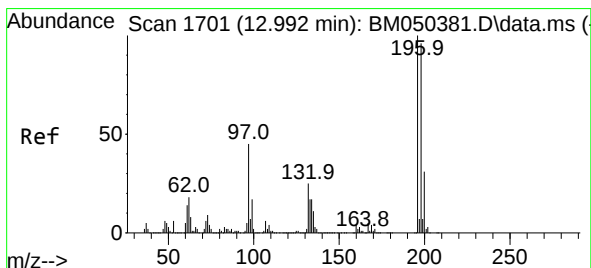
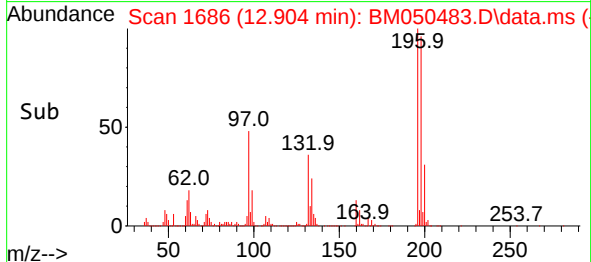
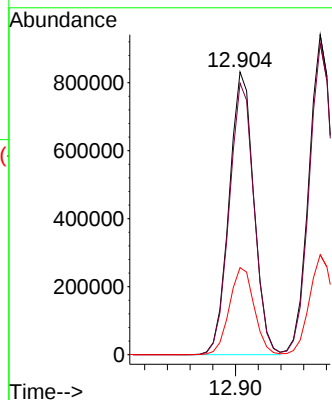
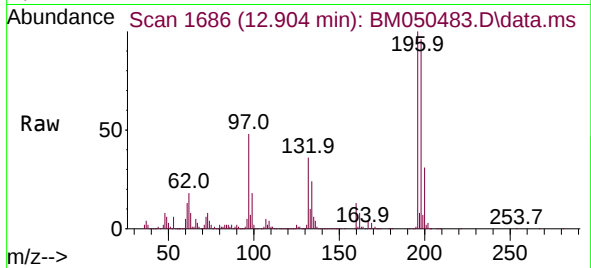




#43
2,4,6-Trichlorophenol
Concen: 49.087 ng
RT: 12.904 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

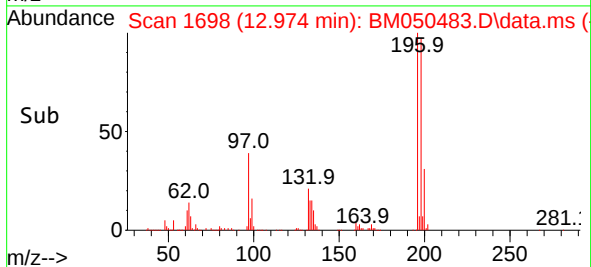
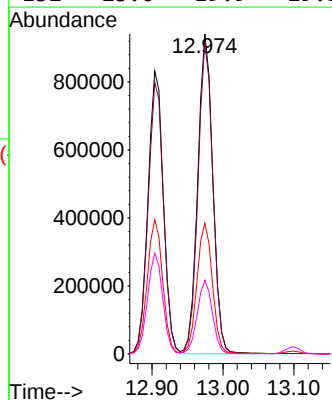
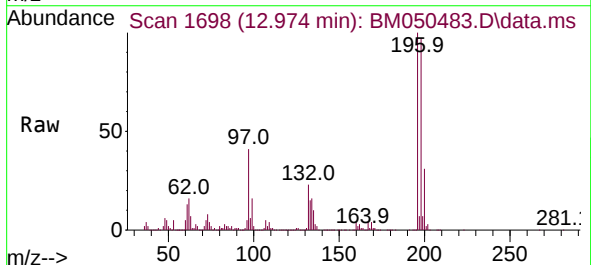
Instrument :
BNA_M
ClientSampleId :
PB168813BS

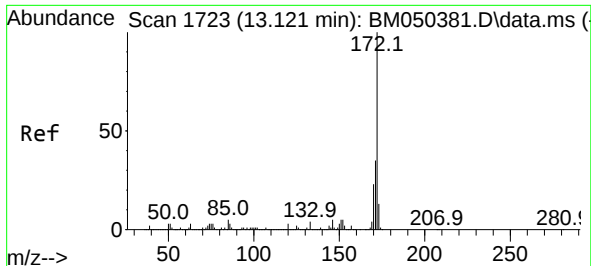
Tgt Ion:196 Resp: 1256058
Ion Ratio Lower Upper
196 100
198 96.1 75.1 112.7
200 30.8 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 49.493 ng
RT: 12.974 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:196 Resp: 1383134
Ion Ratio Lower Upper
196 100
198 97.3 77.2 115.8
97 40.8 36.2 54.4
132 23.0 19.9 29.9

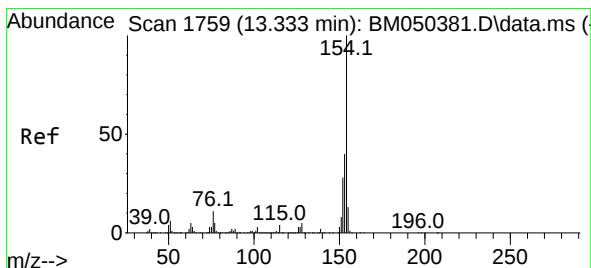
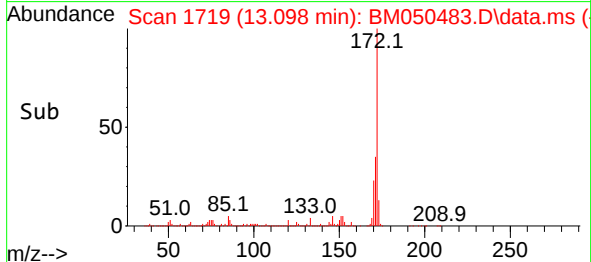
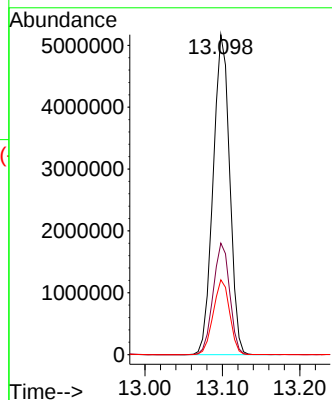
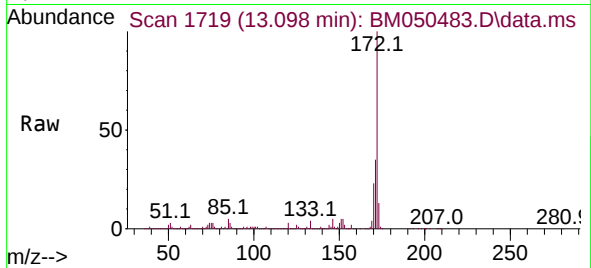




#45
2-Fluorobiphenyl
Concen: 72.564 ng
RT: 13.098 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

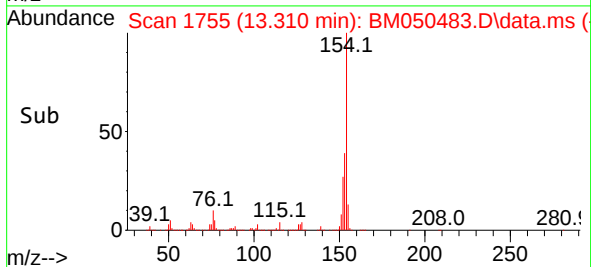
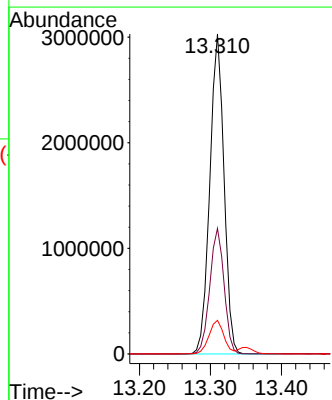
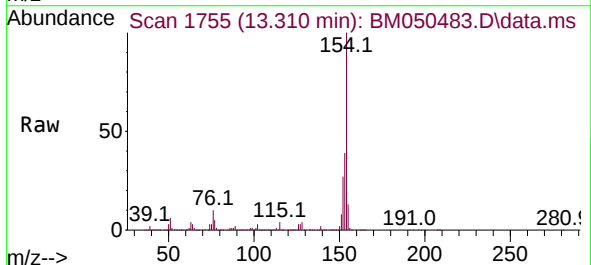
Instrument :
BNA_M
ClientSampleId :
PB168813BS

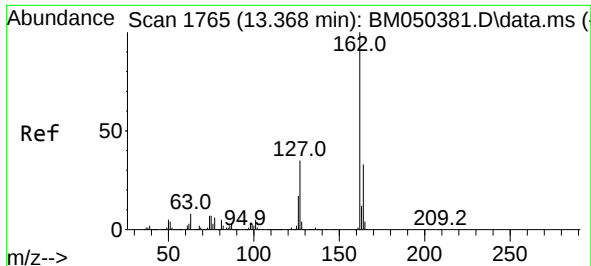
Tgt Ion:172 Resp: 7681143
Ion Ratio Lower Upper
172 100
171 34.8 27.7 41.5
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 43.167 ng
RT: 13.310 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:154 Resp: 4186623
Ion Ratio Lower Upper
154 100
153 39.2 19.7 59.7
76 10.5 0.0 30.9

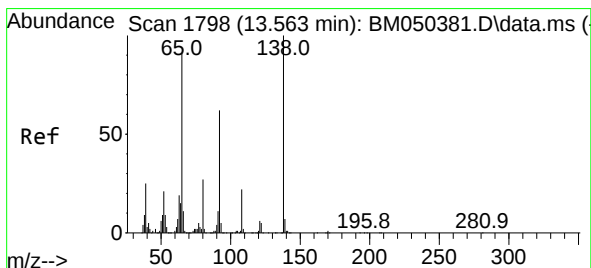
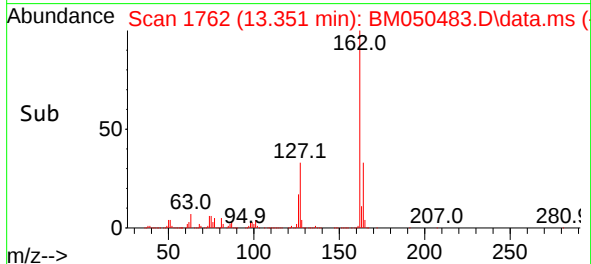
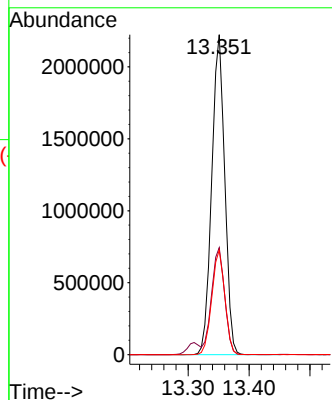
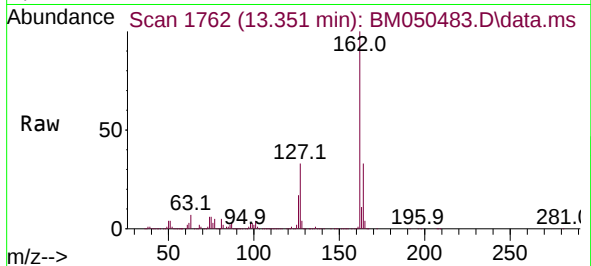




#47
2-Chloronaphthalene
Concen: 42.653 ng
RT: 13.351 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

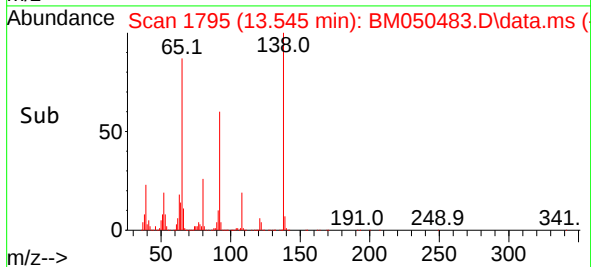
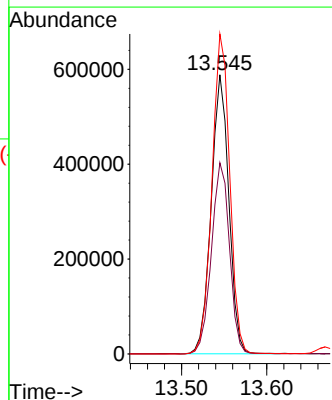
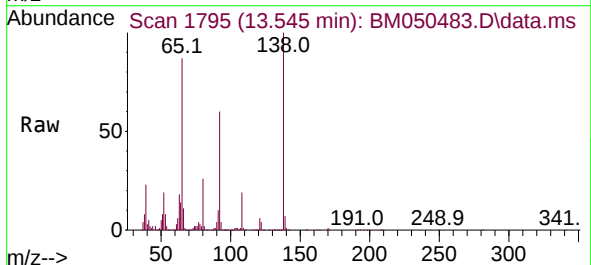
Instrument :
BNA_M
ClientSampleId :
PB168813BS

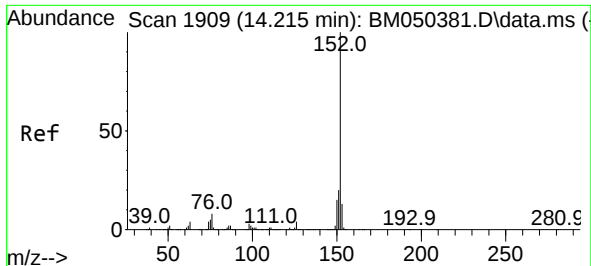
Tgt Ion:162 Resp: 3298338
Ion Ratio Lower Upper
162 100
127 33.4 28.3 42.5
164 32.7 26.6 40.0



#48
2-Nitroaniline
Concen: 49.005 ng
RT: 13.545 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion: 65 Resp: 845848
Ion Ratio Lower Upper
65 100
92 68.5 54.3 81.5
138 114.6 87.8 131.6

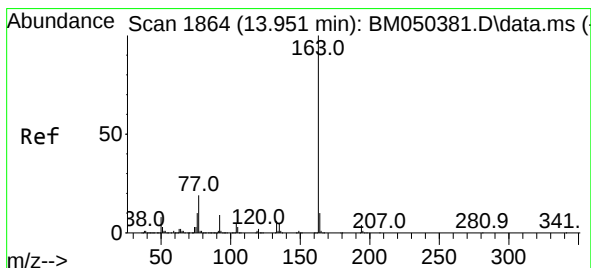
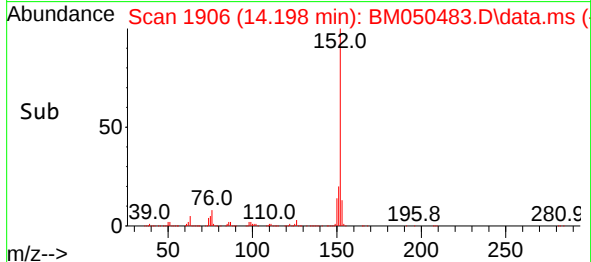
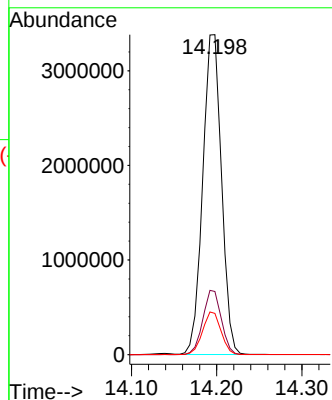
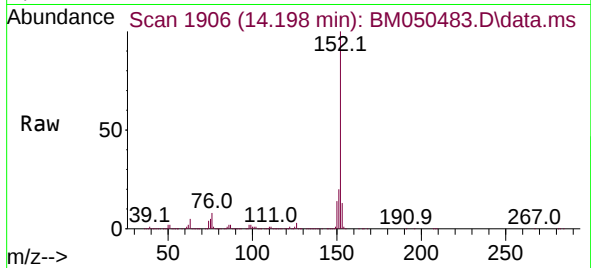




#49
Acenaphthylene
Concen: 44.191 ng
RT: 14.198 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

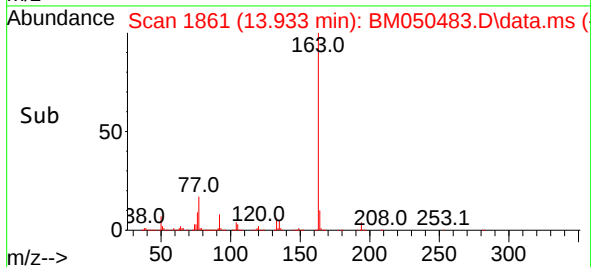
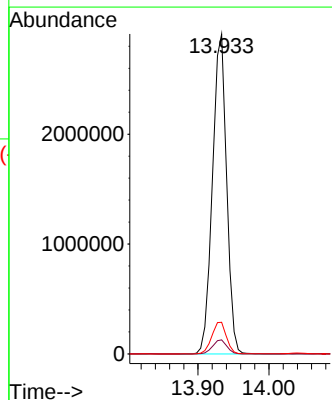
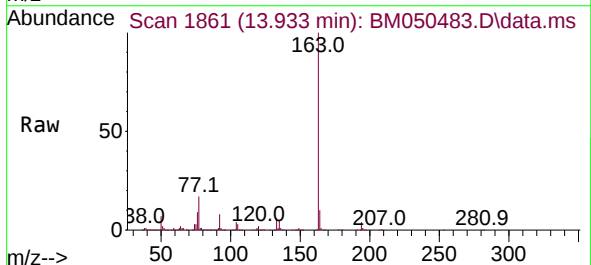
Instrument :
BNA_M
ClientSampleId :
PB168813BS

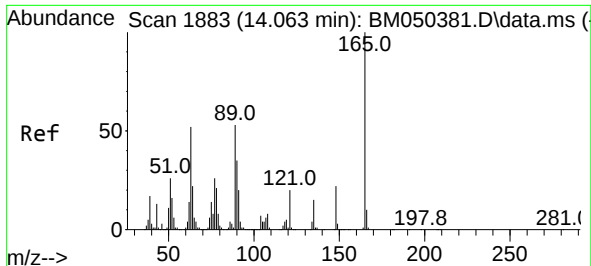
Tgt Ion:152 Resp: 5164386
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 12.9 10.6 15.8



#50
Dimethylphthalate
Concen: 44.681 ng
RT: 13.933 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:163 Resp: 4021245
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 9.9 8.2 12.2

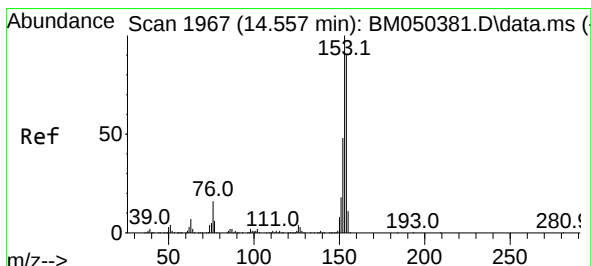
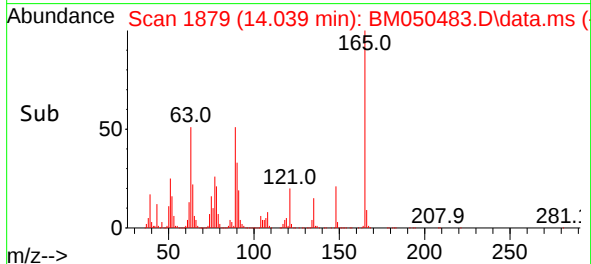
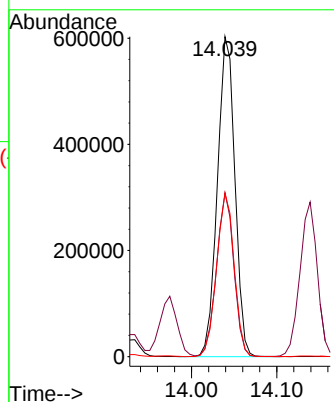
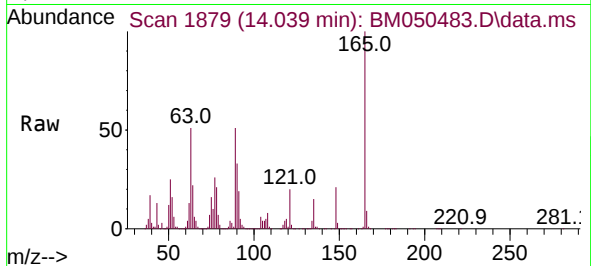




#51
2,6-Dinitrotoluene
Concen: 49.814 ng
RT: 14.039 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

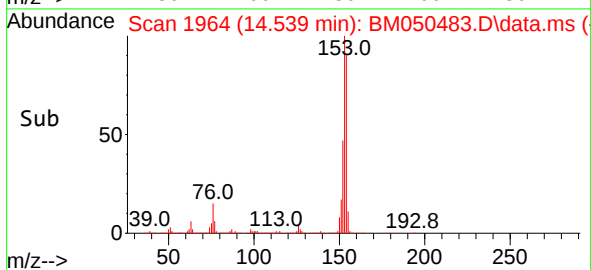
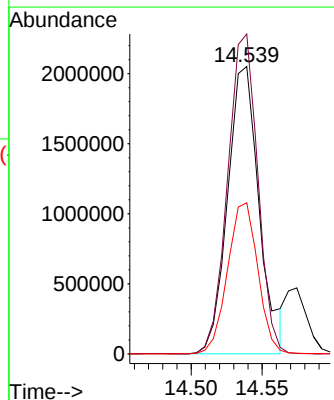
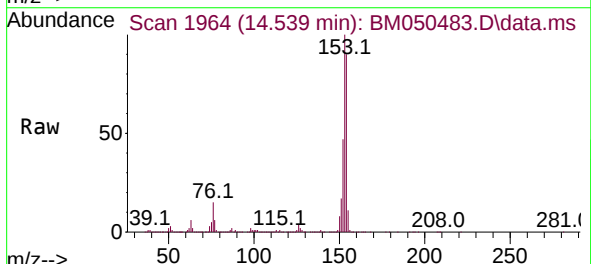
Instrument :
BNA_M
ClientSampleId :
PB168813BS

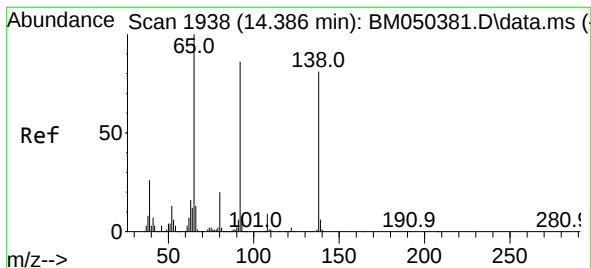
Tgt Ion:165 Resp: 860789
Ion Ratio Lower Upper
165 100
63 51.2 42.4 63.6
89 51.1 42.2 63.2



#52
Acenaphthene
Concen: 42.668 ng
RT: 14.539 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:154 Resp: 3170160
Ion Ratio Lower Upper
154 100
153 111.3 89.2 133.8
152 52.5 42.6 64.0

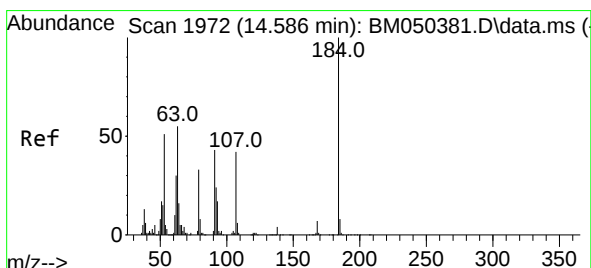
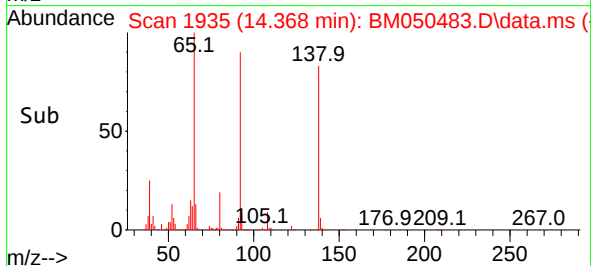
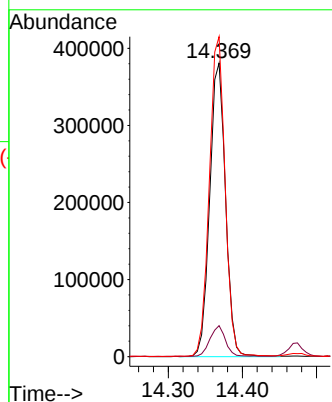
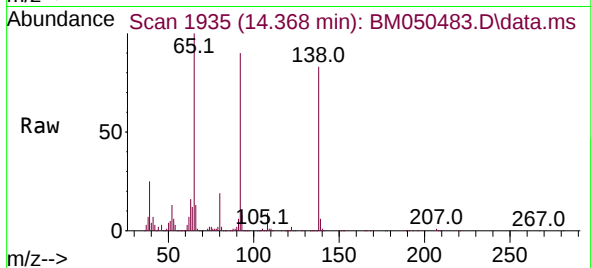




#53
3-Nitroaniline
Concen: 30.675 ng
RT: 14.368 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

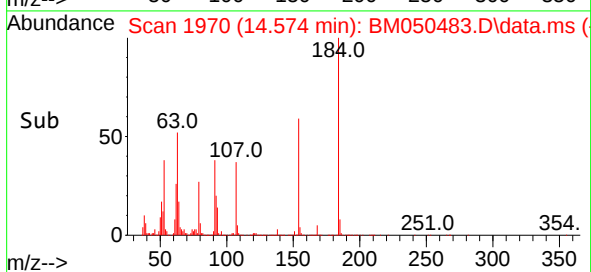
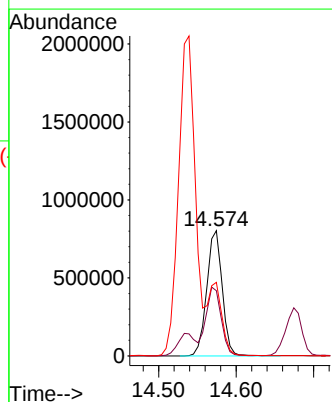
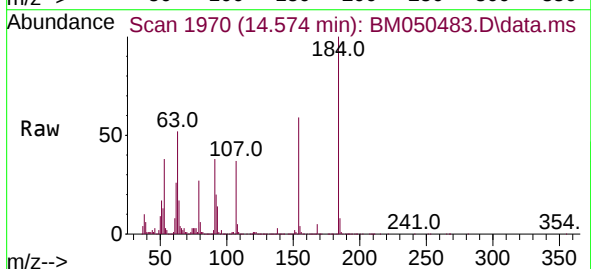
Instrument :
BNA_M
ClientSampleId :
PB168813BS

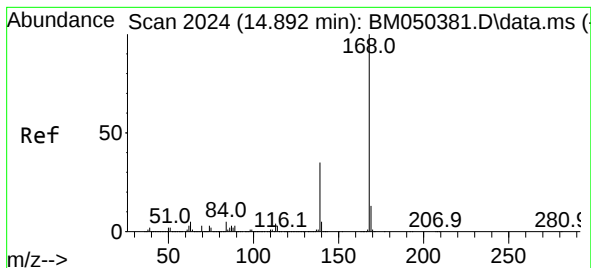
Tgt Ion:138 Resp: 563718
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 109.0 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 113.784 ng
RT: 14.574 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:184 Resp: 1113009
Ion Ratio Lower Upper
184 100
63 52.1 53.4 80.0#
154 58.7 61.6 92.4#

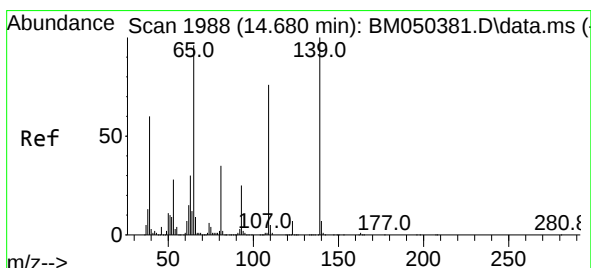
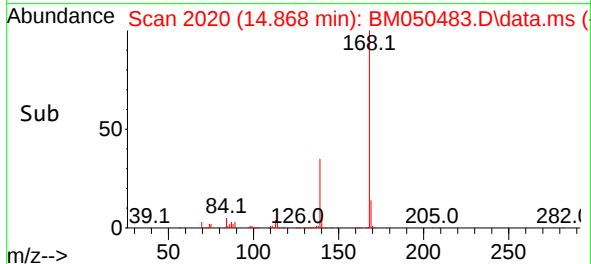
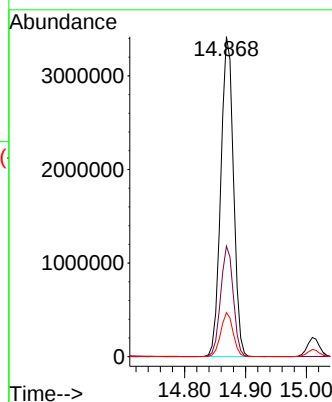
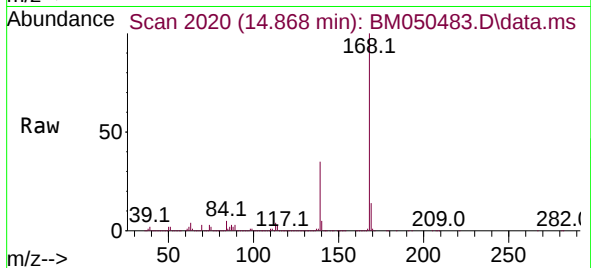




#55
Dibenzenofuran
Concen: 43.200 ng
RT: 14.868 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

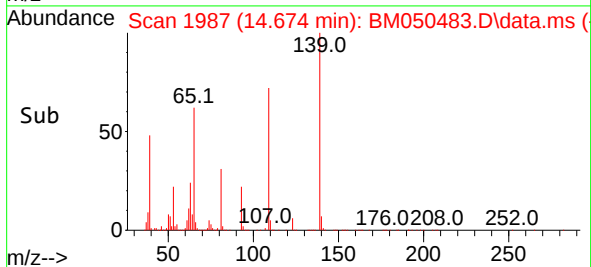
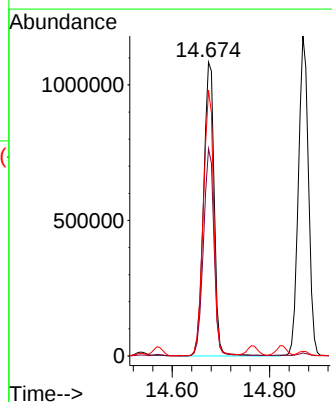
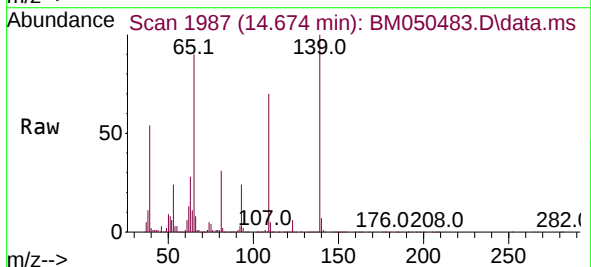
Instrument :
BNA_M
ClientSampleId :
PB168813BS

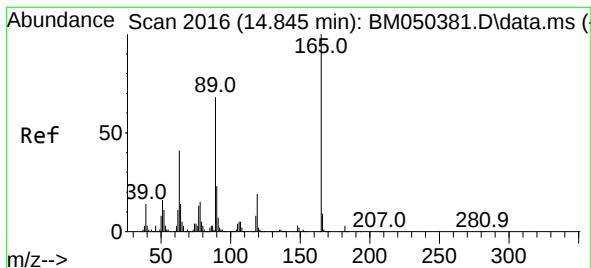
Tgt Ion:168 Resp: 4945509
Ion Ratio Lower Upper
168 100
139 34.5 27.7 41.5
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 103.706 ng
RT: 14.674 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:139 Resp: 1638937
Ion Ratio Lower Upper
139 100
109 70.5 56.5 96.5
65 90.3 76.4 116.4

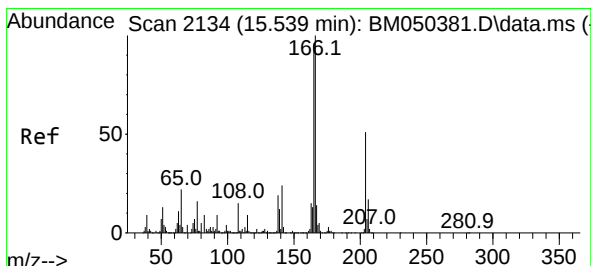
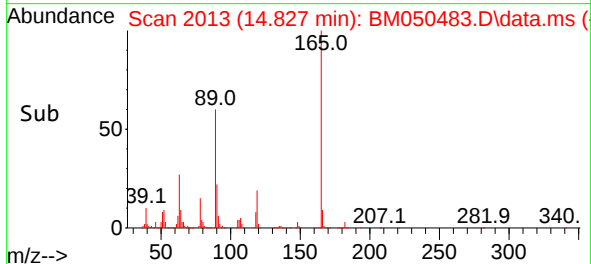
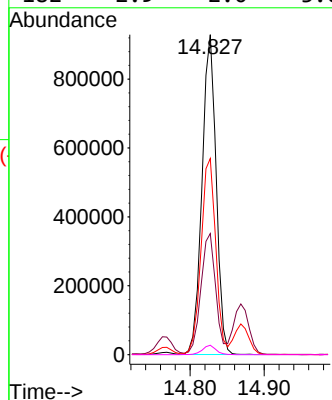
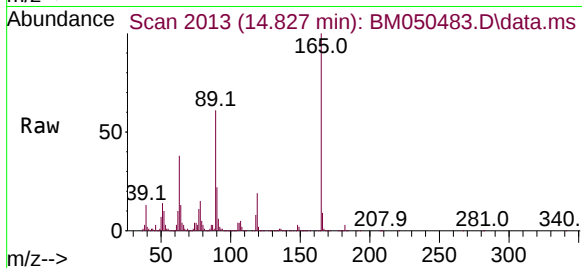




#57
2,4-Dinitrotoluene
Concen: 47.535 ng
RT: 14.827 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

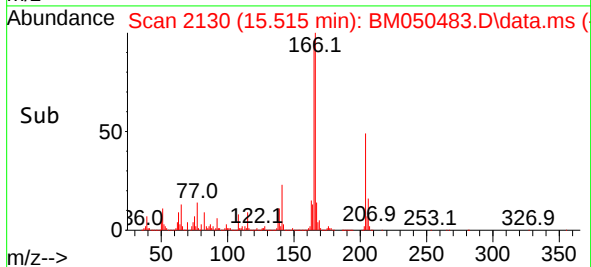
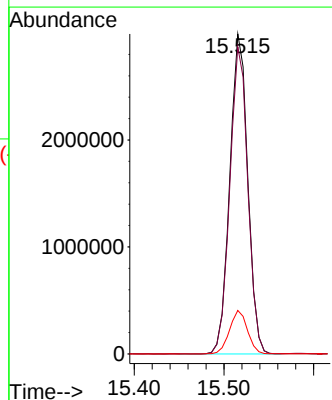
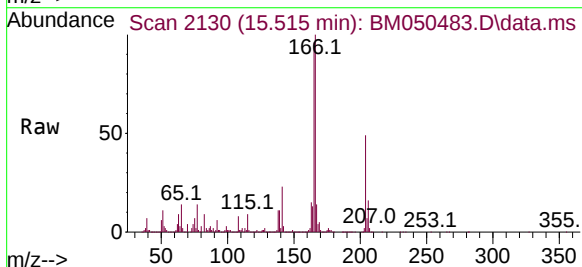
Instrument :
BNA_M
ClientSampleId :
PB168813BS

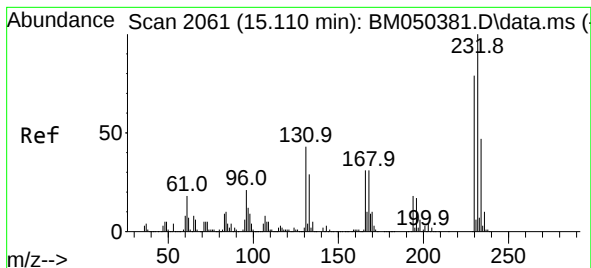
Tgt Ion:165 Resp: 1228929
Ion Ratio Lower Upper
165 100
63 37.8 32.5 48.7
89 61.3 54.0 81.0
182 2.9 2.0 3.0



#58
Fluorene
Concen: 44.204 ng
RT: 15.515 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:166 Resp: 4168156
Ion Ratio Lower Upper
166 100
165 95.9 77.0 115.6
167 13.6 10.9 16.3

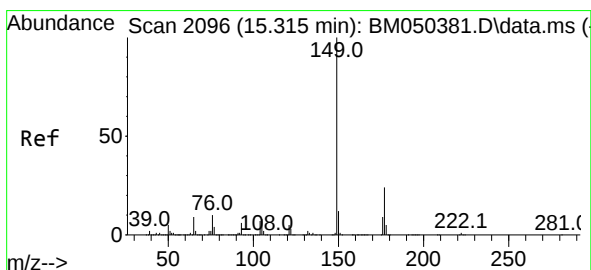
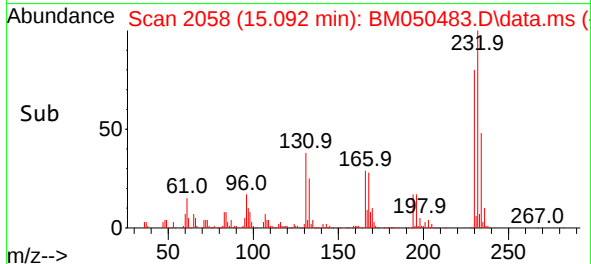
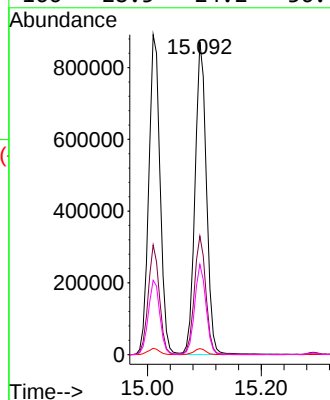
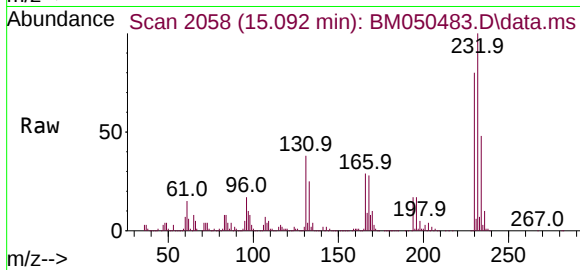




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.315 ng
RT: 15.092 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

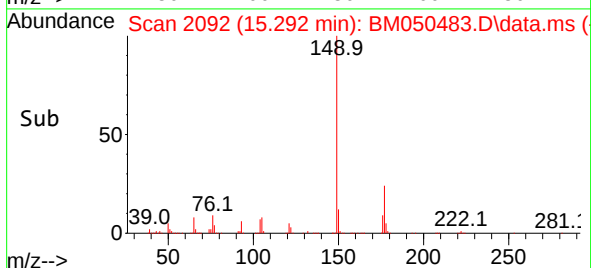
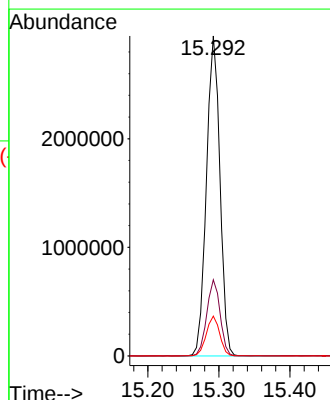
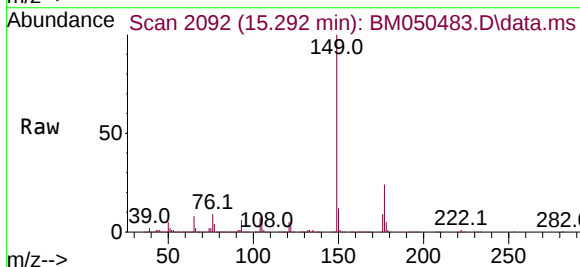
Instrument :
BNA_M
ClientSampleId :
PB168813BS

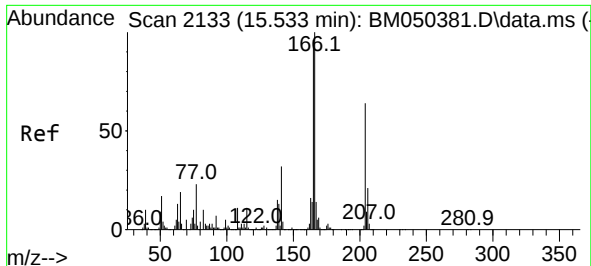
Tgt Ion:232 Resp: 1207167
Ion Ratio Lower Upper
232 100
131 38.0 33.4 50.0
130 2.0 1.8 2.6
166 28.5 24.2 36.4



#60
Diethylphthalate
Concen: 44.921 ng
RT: 15.292 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:149 Resp: 3861880
Ion Ratio Lower Upper
149 100
177 23.8 18.8 28.2
150 12.5 9.8 14.8

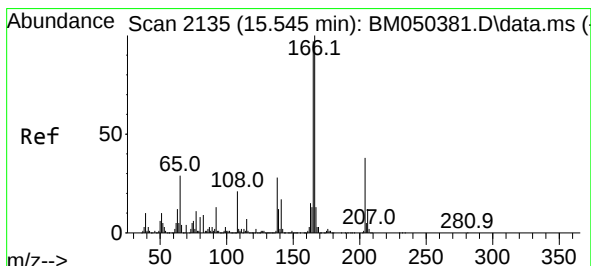
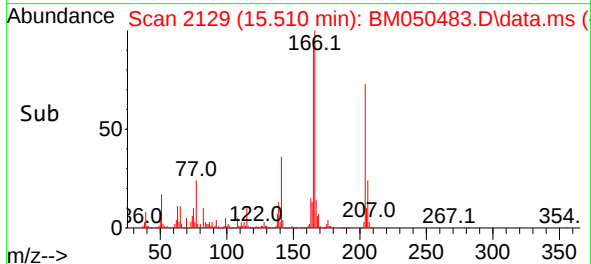
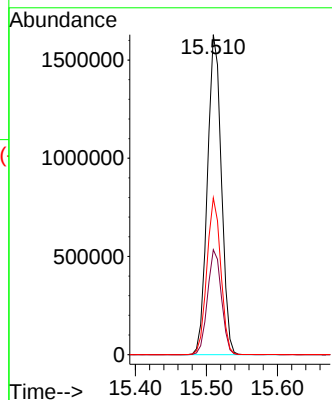
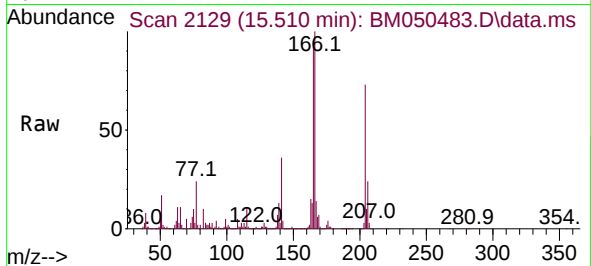




#61
4-Chlorophenyl-phenylether
Concen: 44.799 ng
RT: 15.510 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

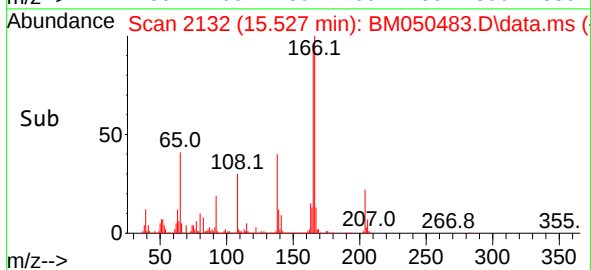
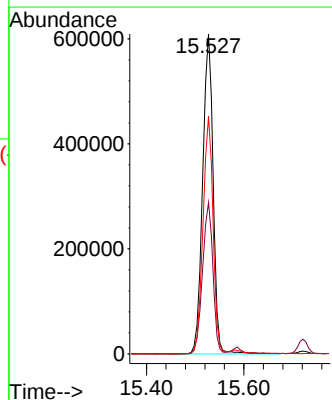
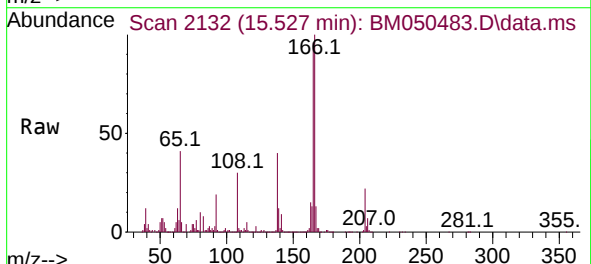
Instrument :
BNA_M
ClientSampleId :
PB168813BS

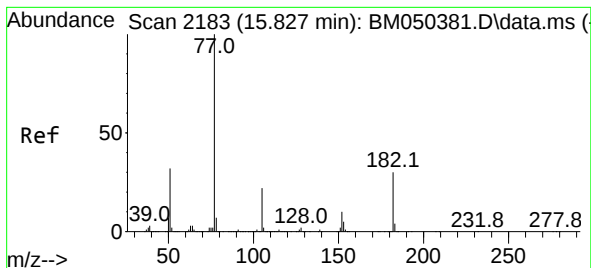
Tgt Ion:204 Resp: 2208844
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 49.0 39.9 59.9



#62
4-Nitroaniline
Concen: 43.328 ng
RT: 15.527 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:138 Resp: 909774
Ion Ratio Lower Upper
138 100
92 47.3 24.5 64.5
108 74.2 52.5 92.5





#63

Azobenzene

Concen: 43.707 ng

RT: 15.804 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

Instrument :

BNA_M

ClientSampleId :

PB168813BS

Tgt Ion: 77 Resp: 3450278

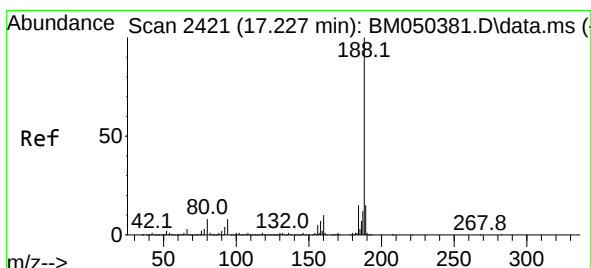
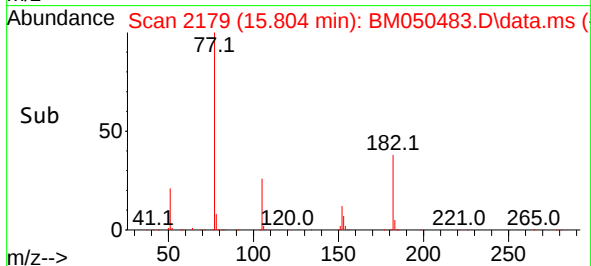
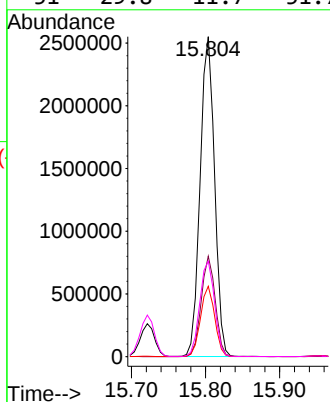
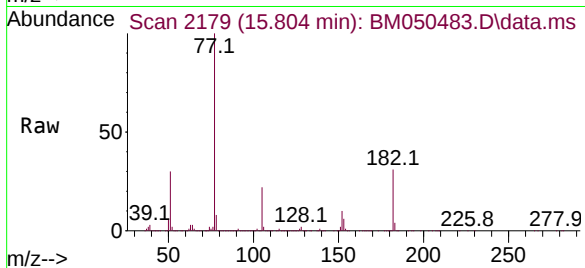
Ion Ratio Lower Upper

77 100

182 31.4 10.0 50.0

105 22.0 2.0 42.0

51 29.8 11.7 51.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

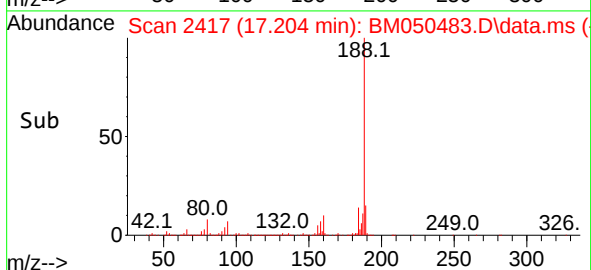
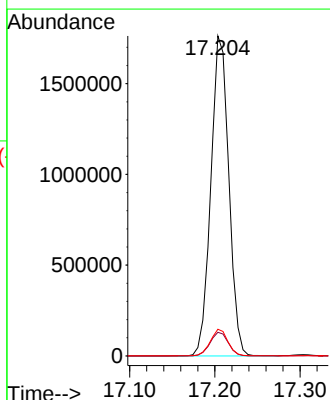
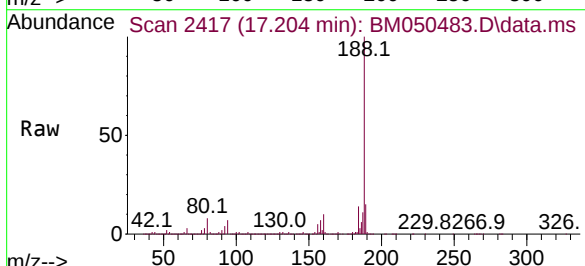
Tgt Ion:188 Resp: 2577202

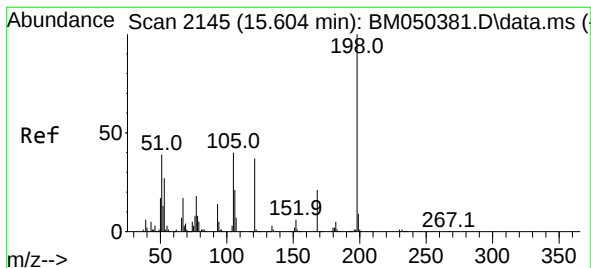
Ion Ratio Lower Upper

188 100

94 7.4 6.0 9.0

80 8.3 6.5 9.7

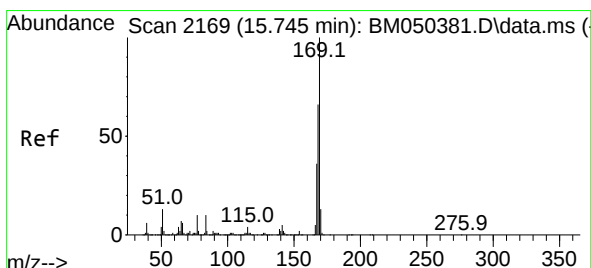
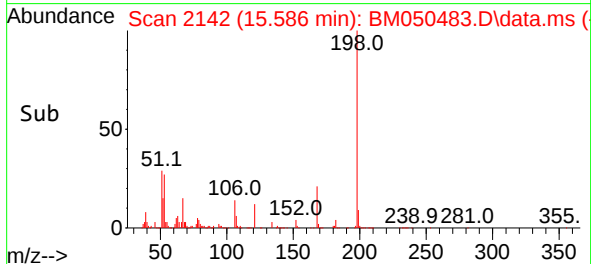
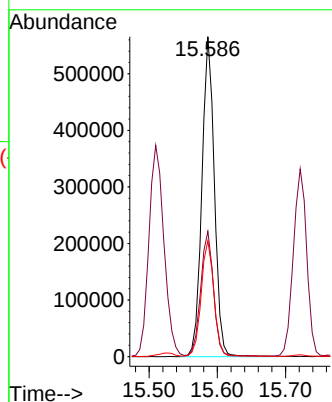
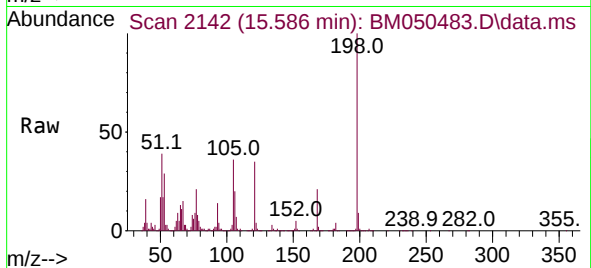




#65
4,6-Dinitro-2-methylphenol
Concen: 51.455 ng
RT: 15.586 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

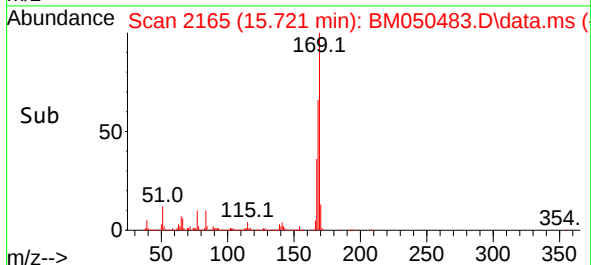
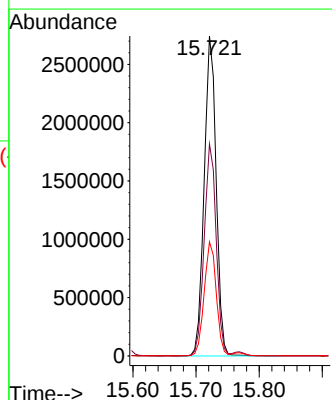
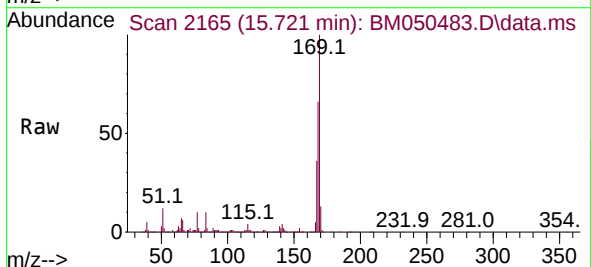
Instrument :
BNA_M
ClientSampleId :
PB168813BS

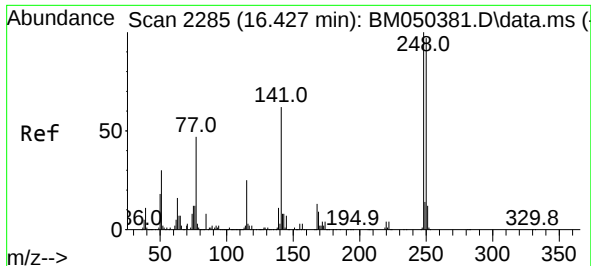
Tgt Ion:198 Resp: 720304
Ion Ratio Lower Upper
198 100
51 39.1 26.6 66.6
105 36.2 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 44.740 ng
RT: 15.721 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:169 Resp: 3608052
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 35.6 28.7 43.1

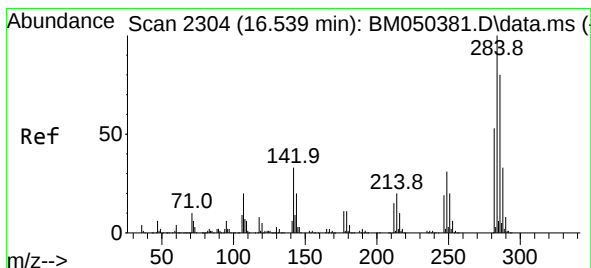
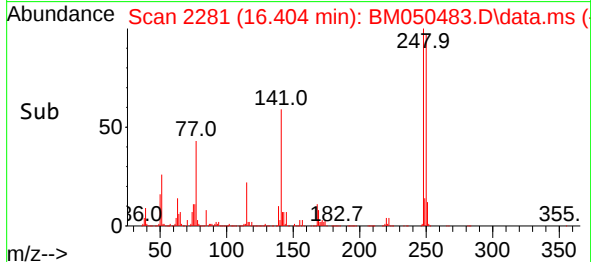
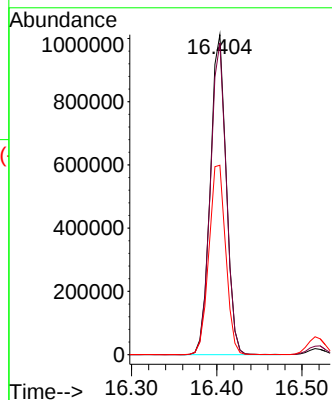
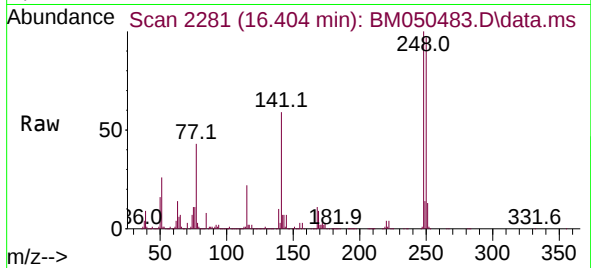




#67
4-Bromophenyl-phenylether
Concen: 46.206 ng
RT: 16.404 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

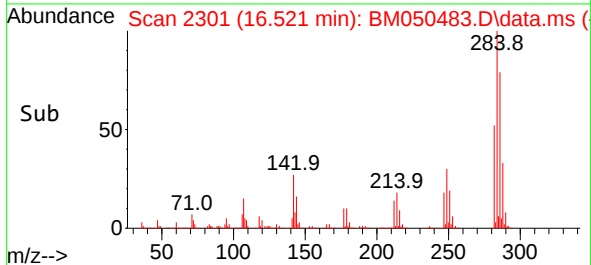
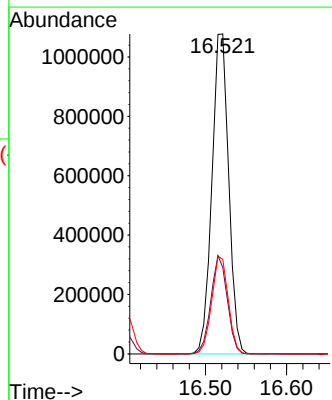
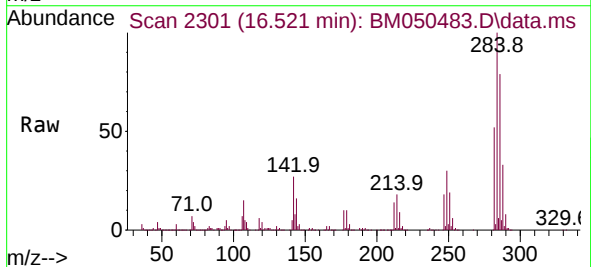
Instrument :
BNA_M
ClientSampleId :
PB168813BS

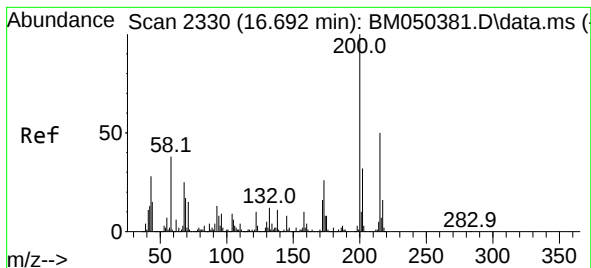
Tgt Ion:248 Resp: 1312003
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 59.2 49.7 74.5



#68
Hexachlorobenzene
Concen: 46.195 ng
RT: 16.521 min Scan# 2301
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:284 Resp: 1549201
Ion Ratio Lower Upper
284 100
142 27.0 26.8 40.2
249 29.6 24.5 36.7





#69

Atrazine

Concen: 48.692 ng

RT: 16.668 min Scan# 23

Delta R.T. -0.006 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

Instrument :

BNA_M

ClientSampleId :

PB168813BS

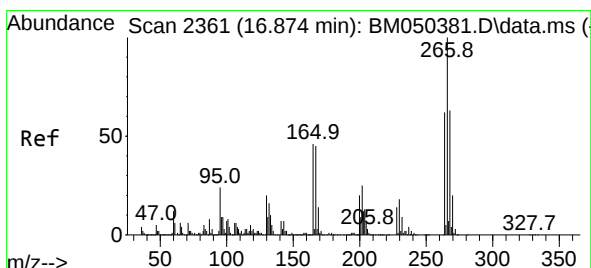
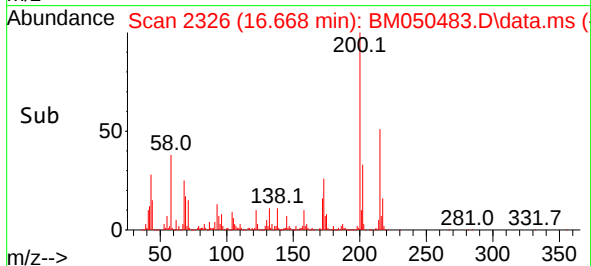
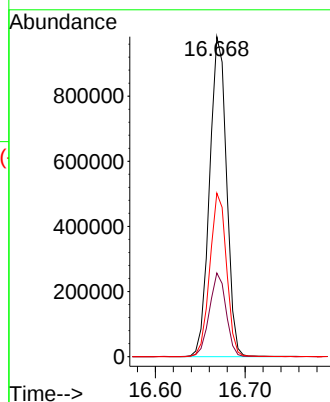
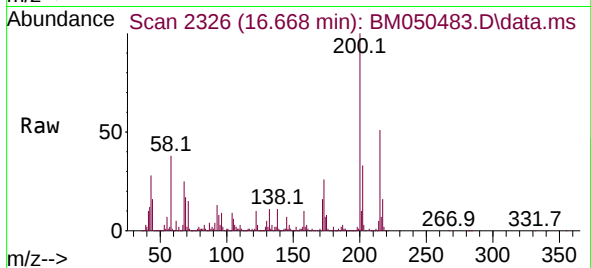
Tgt Ion:200 Resp: 1289427

Ion Ratio Lower Upper

200 100

173 26.1 5.6 45.6

215 51.1 29.6 69.6



#70

Pentachlorophenol

Concen: 106.139 ng

RT: 16.857 min Scan# 2358

Delta R.T. 0.000 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

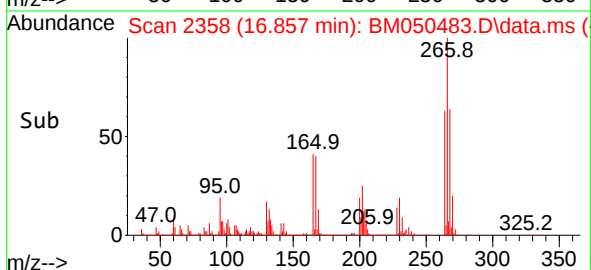
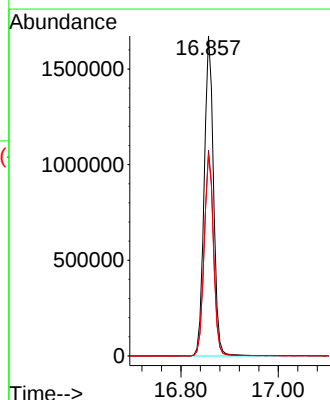
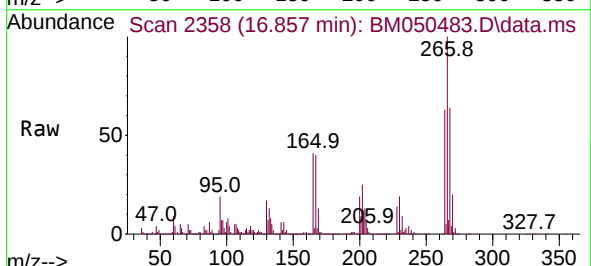
Tgt Ion:266 Resp: 2215848

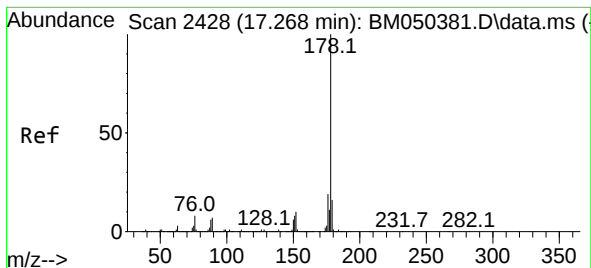
Ion Ratio Lower Upper

266 100

268 64.2 50.5 75.7

264 63.0 49.9 74.9





#71

Phenanthrene

Concen: 44.296 ng

RT: 17.245 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

Instrument :

BNA_M

ClientSampleId :

PB168813BS

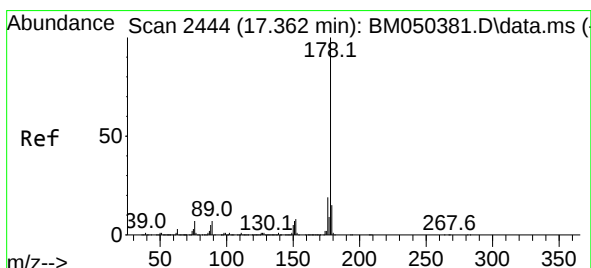
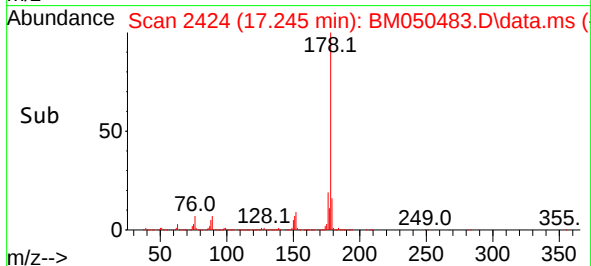
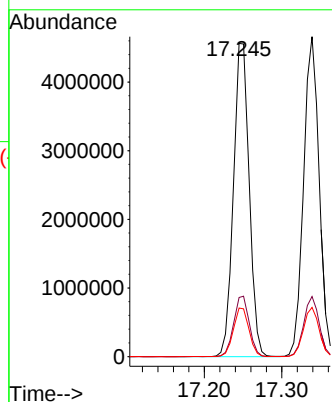
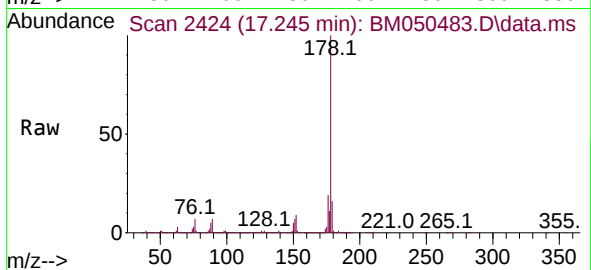
Tgt Ion:178 Resp: 6459797

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.5 12.5 18.7



#72

Anthracene

Concen: 44.955 ng

RT: 17.339 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

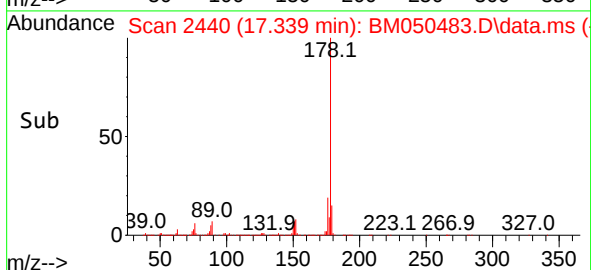
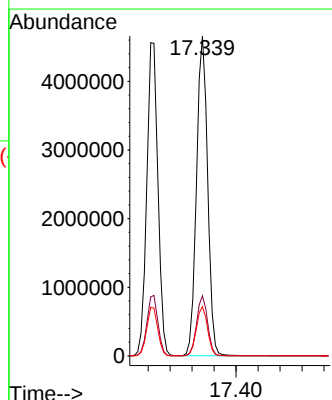
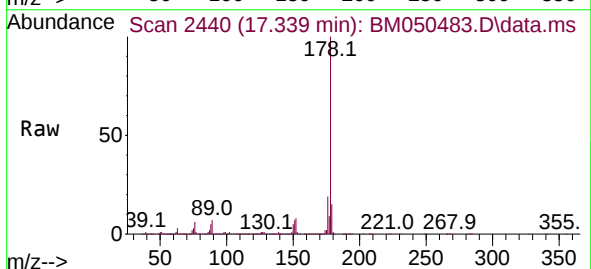
Tgt Ion:178 Resp: 6525802

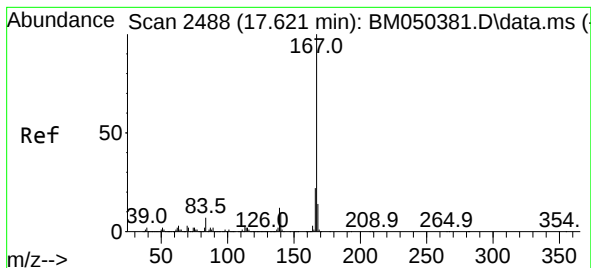
Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.4 12.2 18.4





#73

Carbazole

Concen: 45.606 ng

RT: 17.604 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

Instrument :

BNA_M

ClientSampleId :

PB168813BS

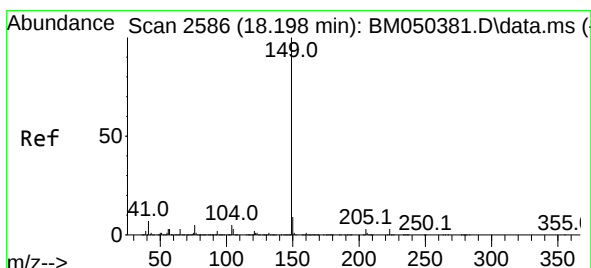
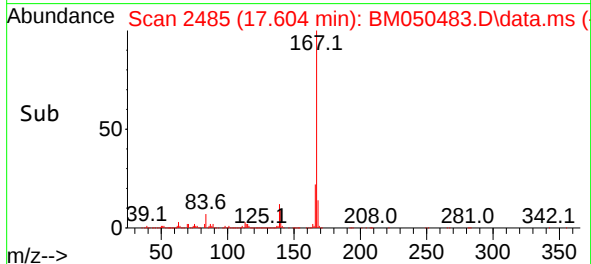
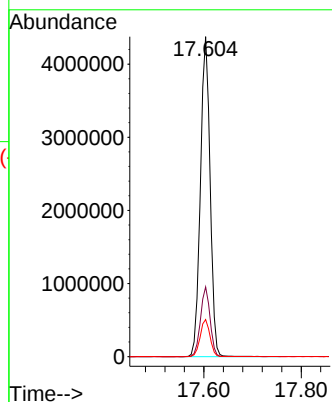
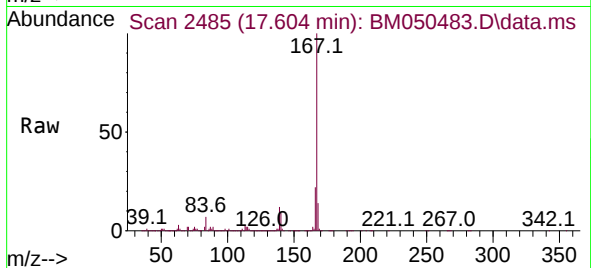
Tgt Ion:167 Resp: 5990146

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 11.6 9.9 14.9



#74

Di-n-butylphthalate

Concen: 45.771 ng

RT: 18.174 min Scan# 2582

Delta R.T. 0.000 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

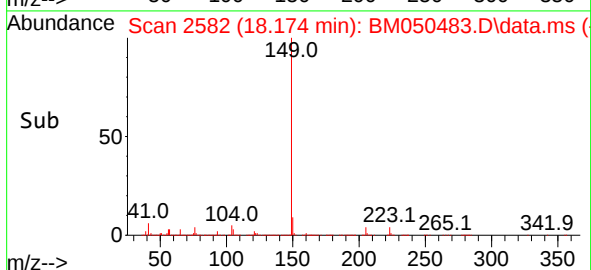
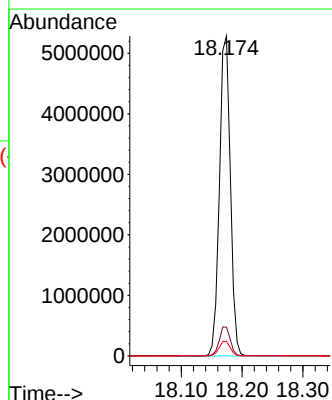
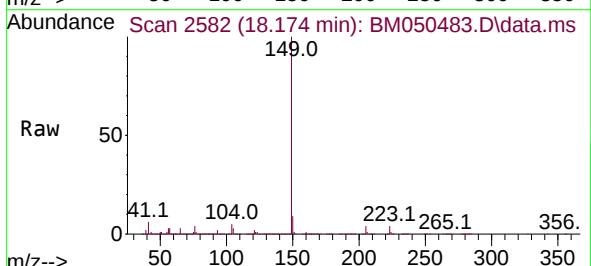
Tgt Ion:149 Resp: 6580213

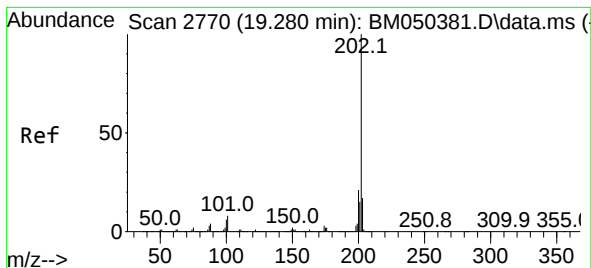
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 4.6 3.9 5.9





#75

Fluoranthene

Concen: 47.440 ng

RT: 19.256 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

Instrument :

BNA_M

ClientSampleId :

PB168813BS

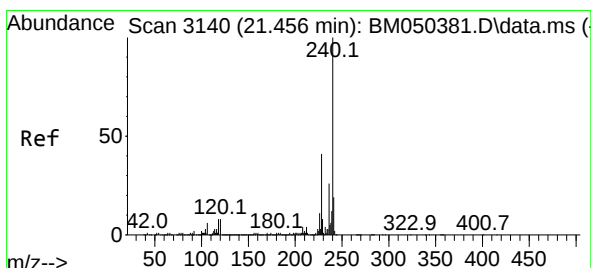
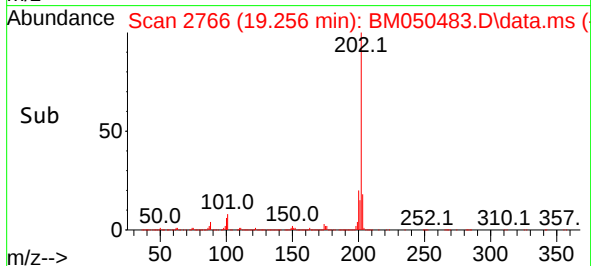
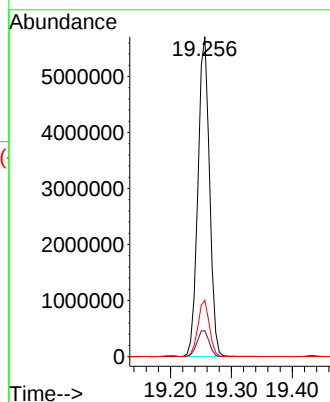
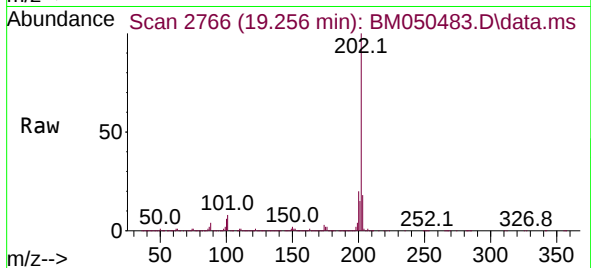
Tgt Ion:202 Resp: 7520946

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.3

203 17.6 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

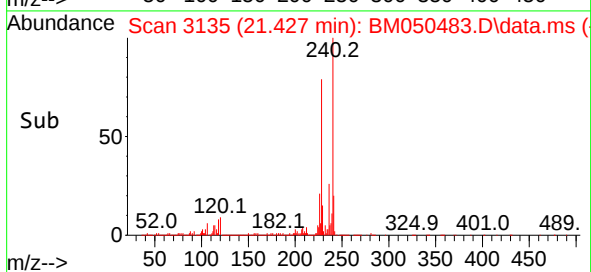
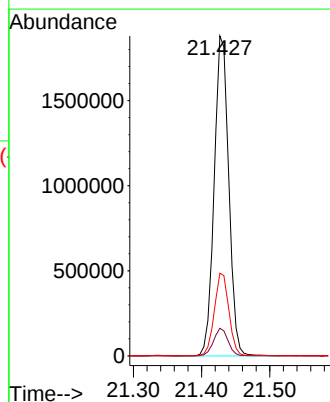
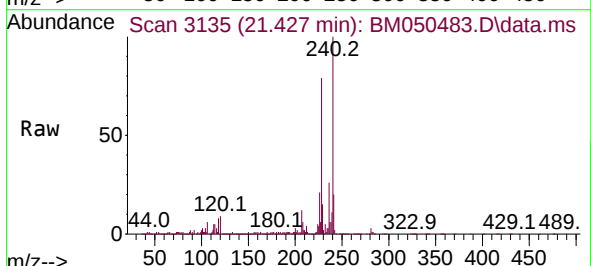
Tgt Ion:240 Resp: 2782474

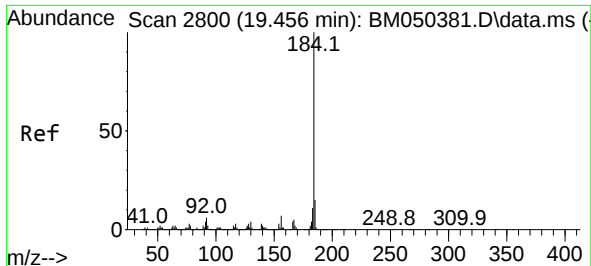
Ion Ratio Lower Upper

240 100

120 8.6 6.7 10.1

236 25.8 20.7 31.1

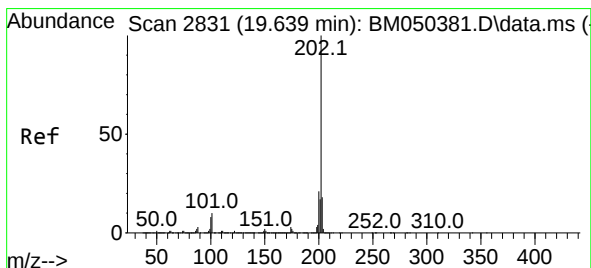
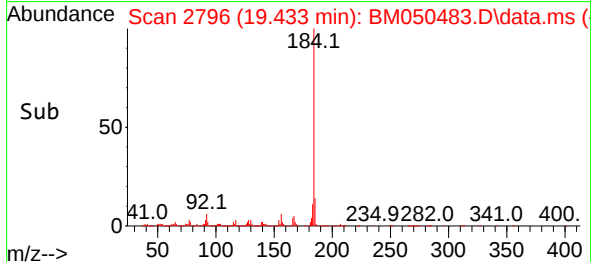
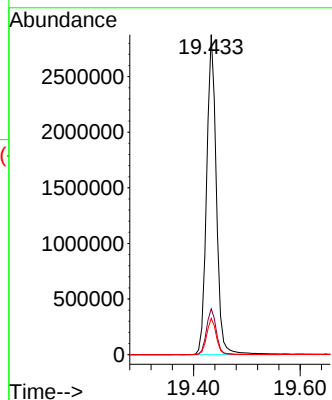
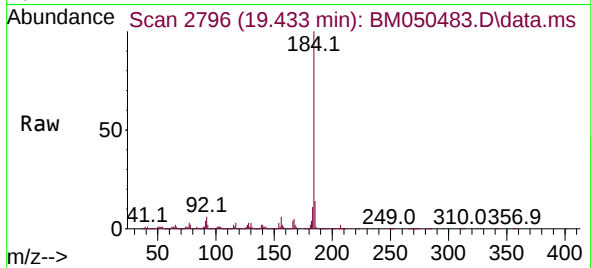




#77
Benzidine
Concen: 51.225 ng
RT: 19.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

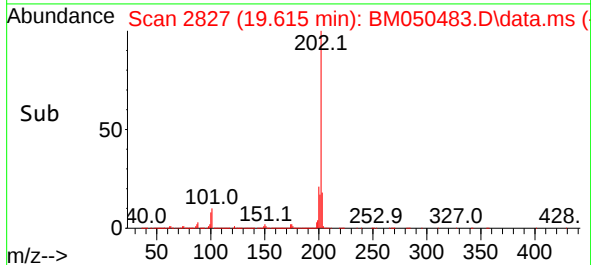
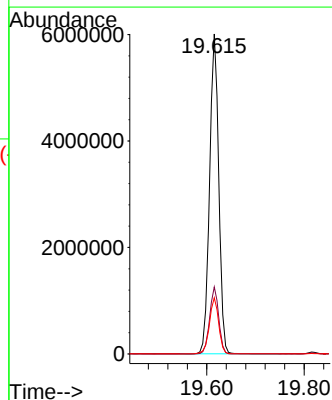
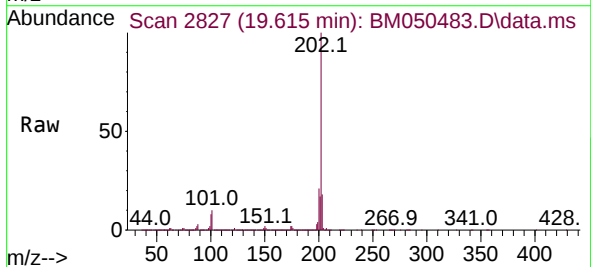
Instrument :
BNA_M
ClientSampleId :
PB168813BS

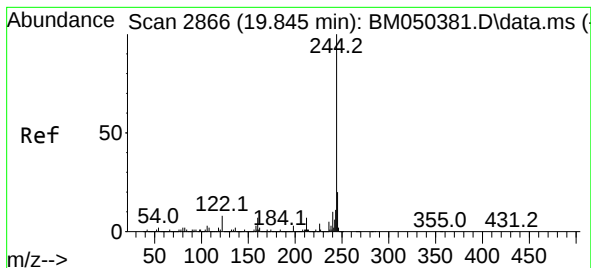
Tgt Ion:184 Resp: 3635488
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 11.3 9.0 13.6



#78
Pyrene
Concen: 44.299 ng
RT: 19.615 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:202 Resp: 7894204
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 73.101 ng

RT: 19.815 min Scan# 2861

Delta R.T. -0.006 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

Instrument :

BNA_M

ClientSampleId :

PB168813BS

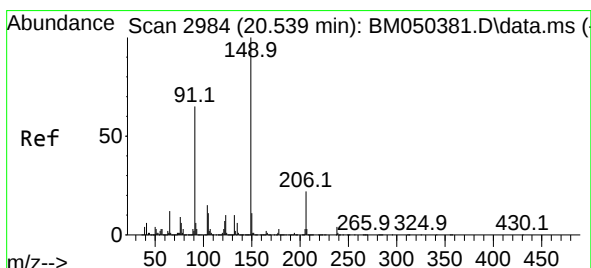
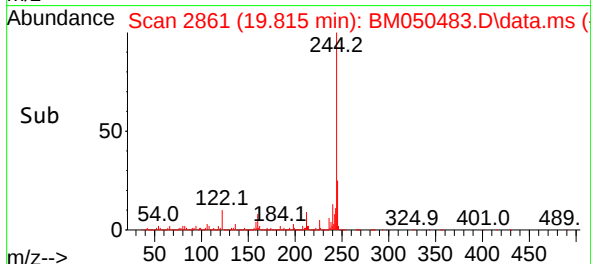
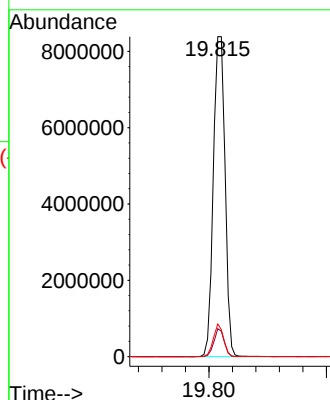
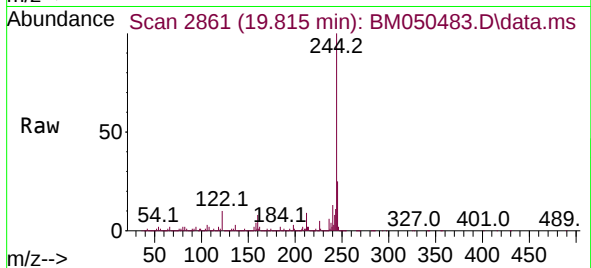
Tgt Ion:244 Resp:11560426

Ion Ratio Lower Upper

244 100

212 8.7 5.7 8.5#

122 10.2 6.2 9.2#



#80

Butylbenzylphthalate

Concen: 50.602 ng

RT: 20.509 min Scan# 2979

Delta R.T. -0.006 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

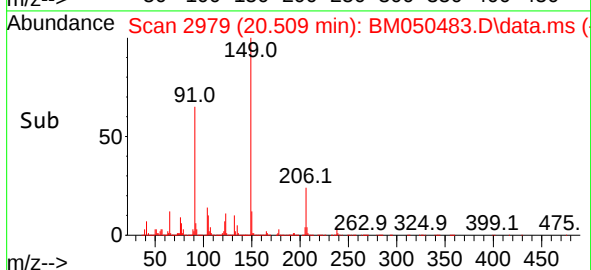
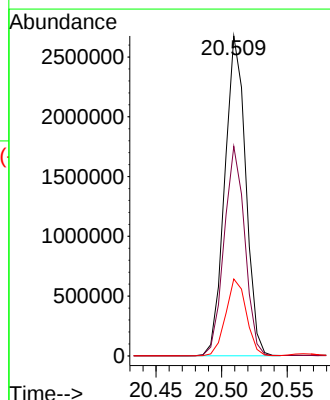
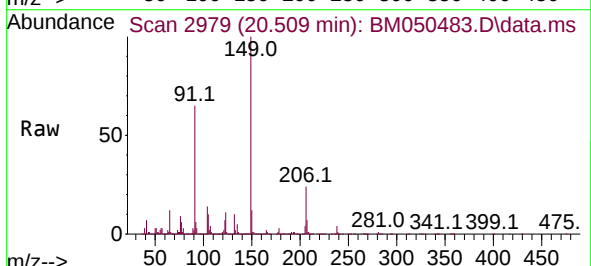
Tgt Ion:149 Resp: 2973351

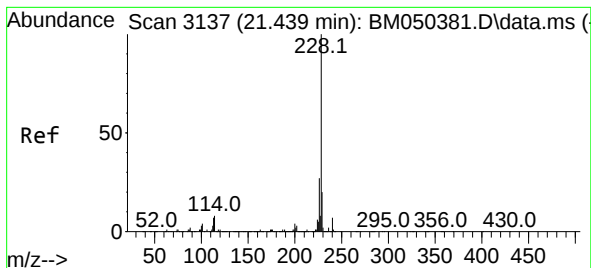
Ion Ratio Lower Upper

149 100

91 65.5 51.6 77.4

206 24.0 17.8 26.8





#81

Benzo(a)anthracene

Concen: 45.339 ng

RT: 21.409 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

Instrument :

BNA_M

ClientSampleId :

PB168813BS

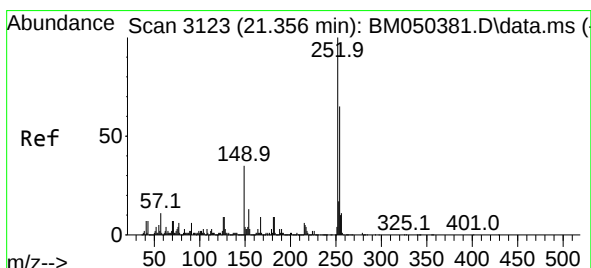
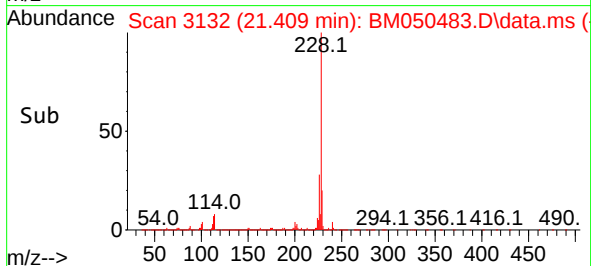
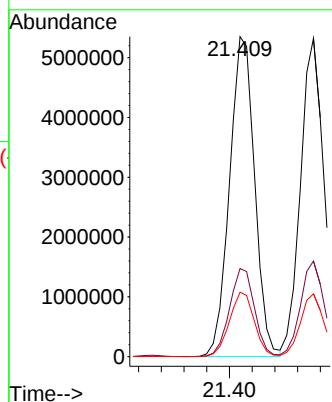
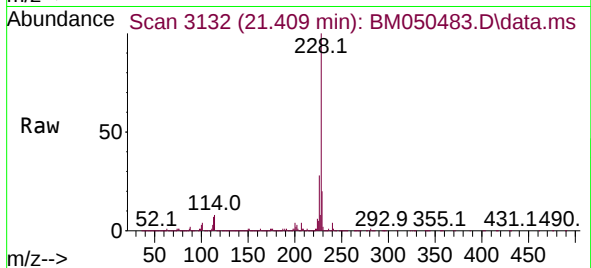
Tgt Ion:228 Resp: 8219836

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

229 20.1 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 28.930 ng

RT: 21.333 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

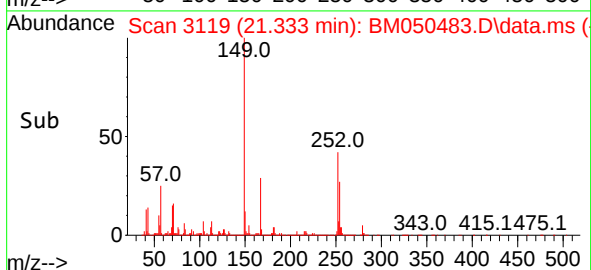
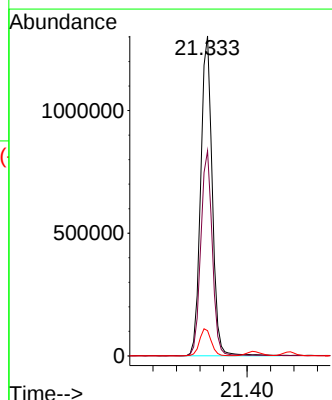
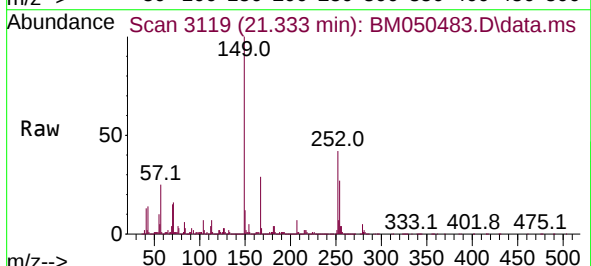
Tgt Ion:252 Resp: 1768792

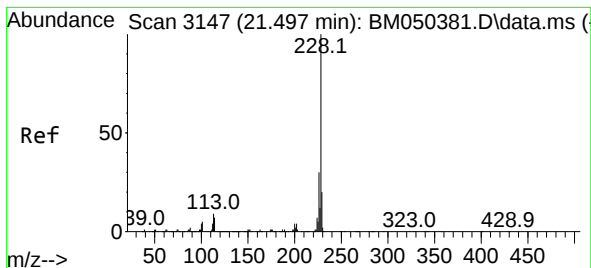
Ion Ratio Lower Upper

252 100

254 64.1 51.7 77.5

126 7.9 7.3 10.9





#83

Chrysene

Concen: 44.716 ng

RT: 21.474 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

Instrument :

BNA_M

ClientSampleId :

PB168813BS

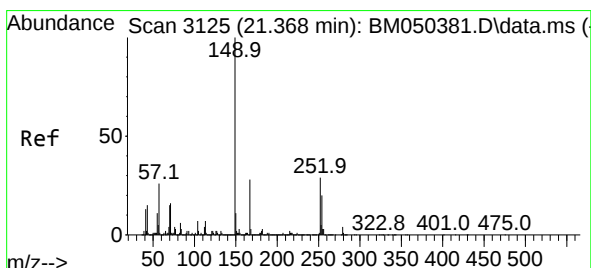
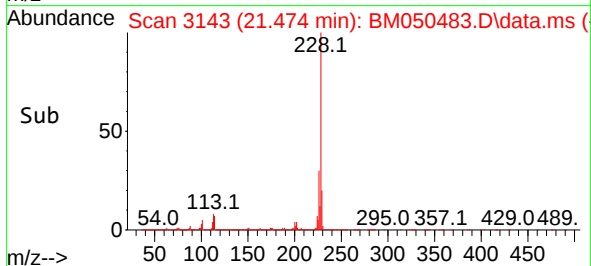
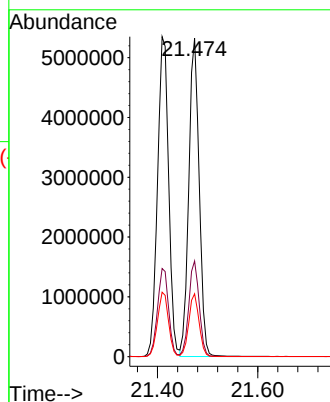
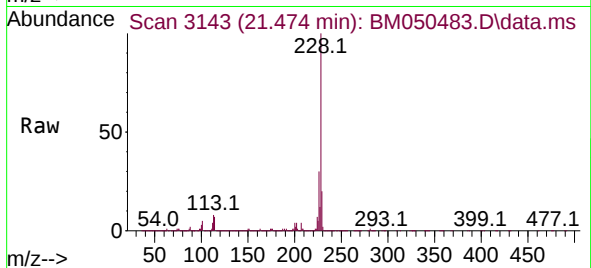
Tgt Ion:228 Resp: 7646510

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.161 ng

RT: 21.339 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

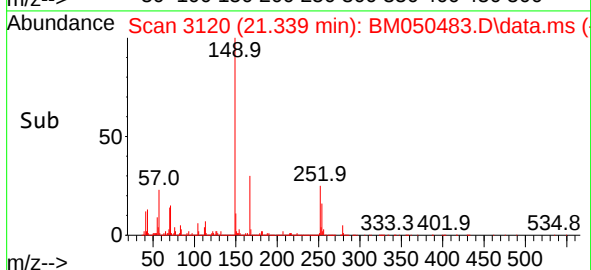
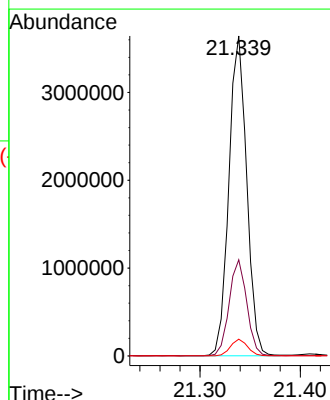
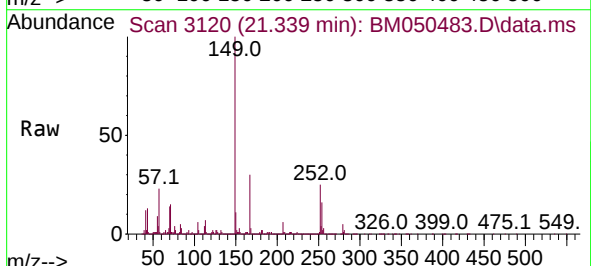
Tgt Ion:149 Resp: 4492379

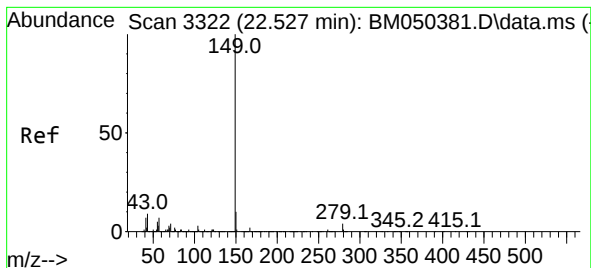
Ion Ratio Lower Upper

149 100

167 30.0 22.7 34.1

279 5.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 51.658 ng

RT: 22.480 min Scan# 3314

Delta R.T. -0.006 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

Instrument :

BNA_M

ClientSampleId :

PB168813BS

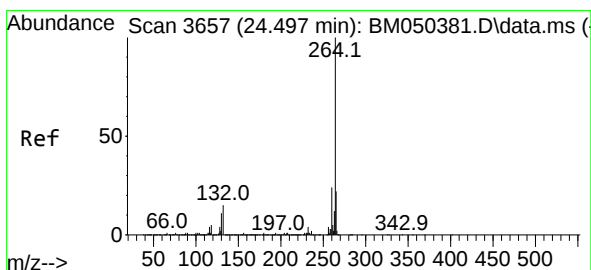
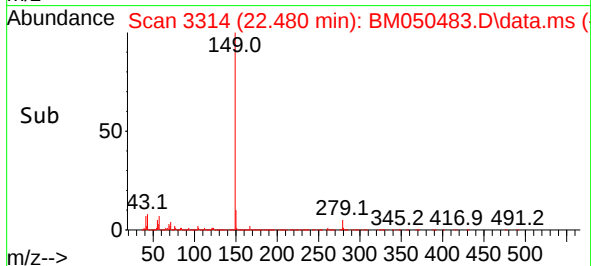
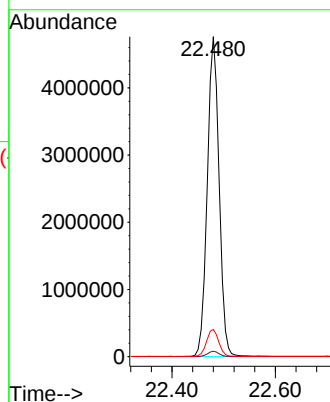
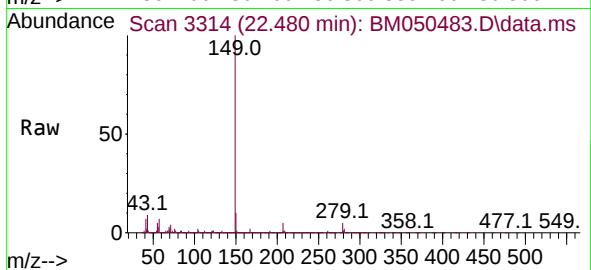
Tgt Ion:149 Resp: 7546967

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.6 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.450 min Scan# 3649

Delta R.T. -0.006 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

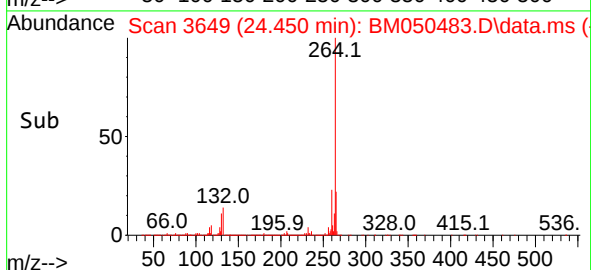
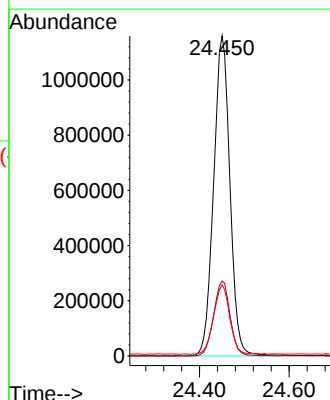
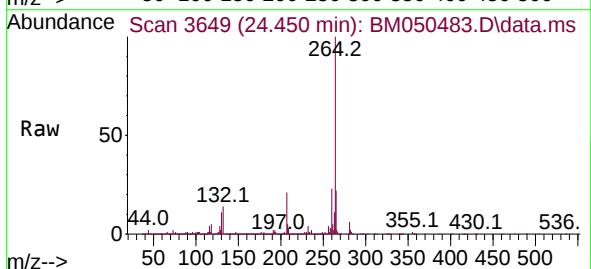
Tgt Ion:264 Resp: 2918983

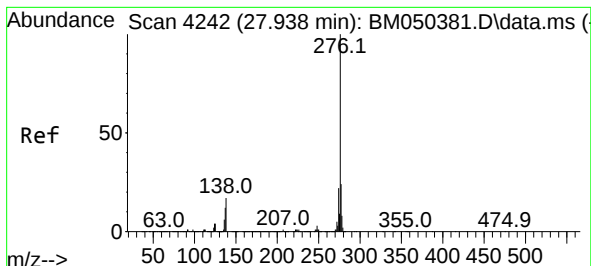
Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.2 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.601 ng

RT: 27.874 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

Instrument :

BNA_M

ClientSampleId :

PB168813BS

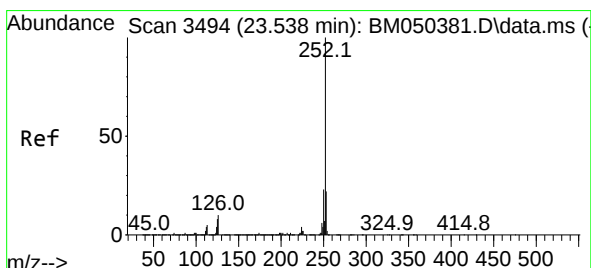
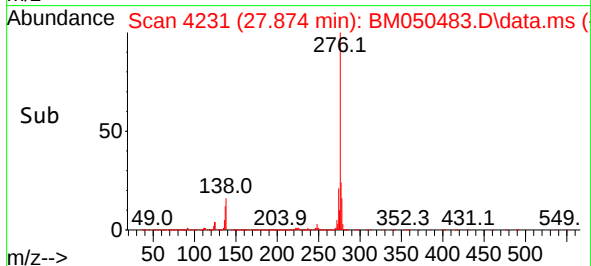
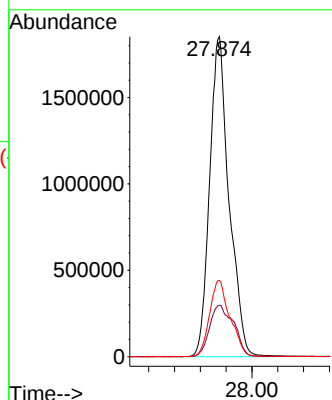
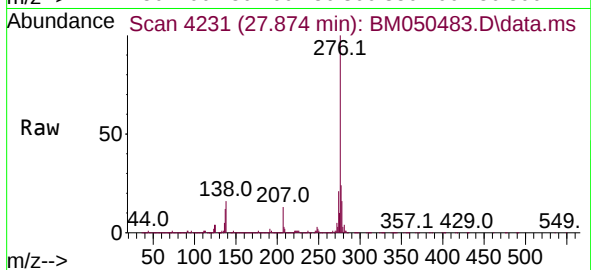
Tgt Ion:276 Resp: 9671372

Ion Ratio Lower Upper

276 100

138 20.0 17.0 25.6

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 44.578 ng

RT: 23.497 min Scan# 3487

Delta R.T. -0.006 min

Lab File: BM050483.D

Acq: 22 Jul 2025 12:48

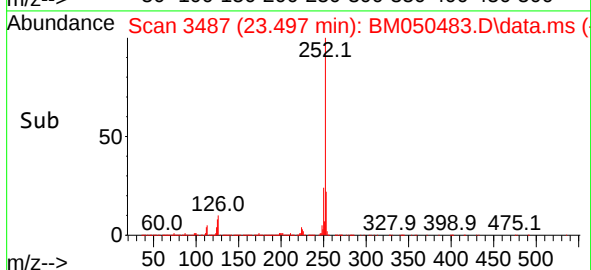
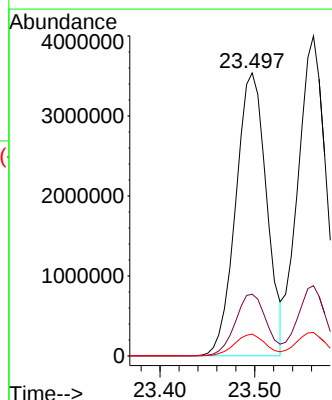
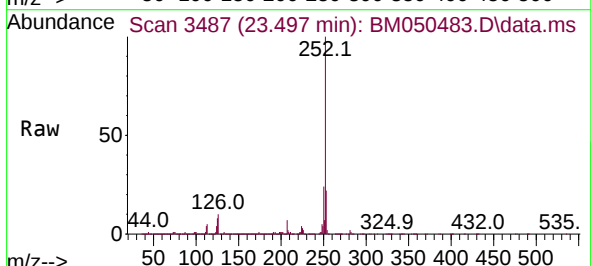
Tgt Ion:252 Resp: 8003768

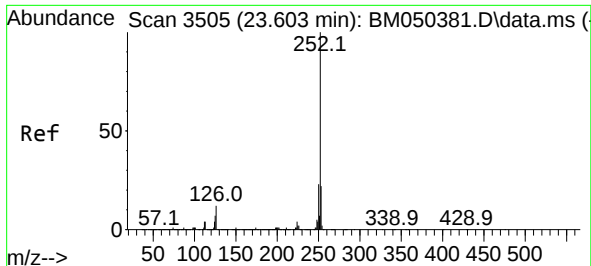
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 7.7 6.3 9.5

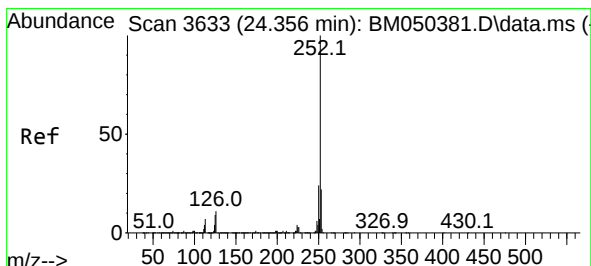
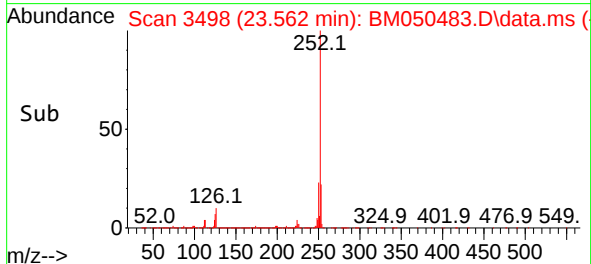
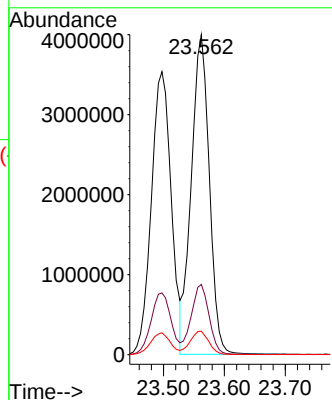
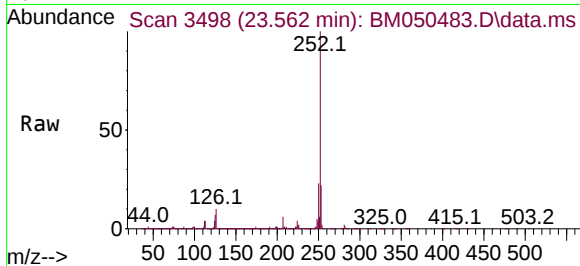




#89
Benzo(k)fluoranthene
Concen: 44.143 ng
RT: 23.562 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

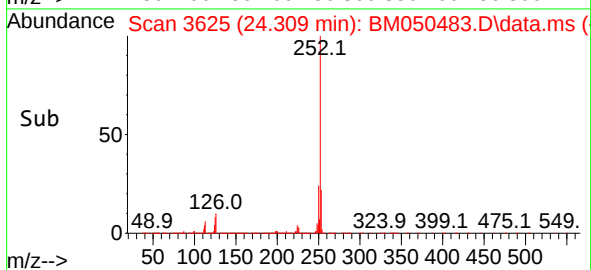
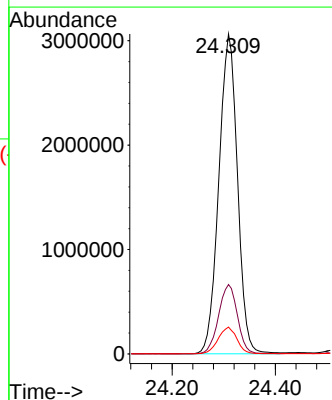
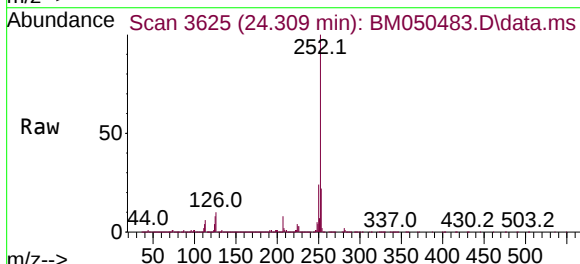
Instrument :
BNA_M
ClientSampleId :
PB168813BS

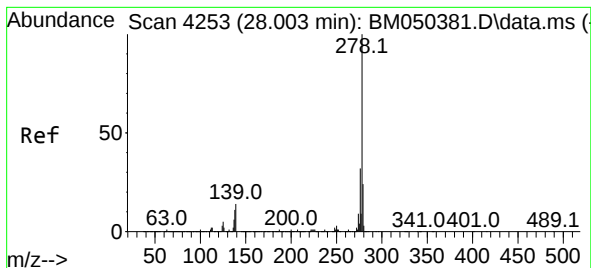
Tgt Ion:252 Resp: 8223977
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 7.3 6.2 9.2



#90
Benzo(a)pyrene
Concen: 45.887 ng
RT: 24.309 min Scan# 3625
Delta R.T. -0.006 min
Lab File: BM050483.D
Acq: 22 Jul 2025 12:48

Tgt Ion:252 Resp: 7712458
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 8.4 7.0 10.4



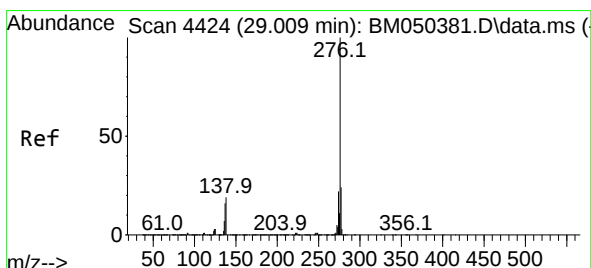
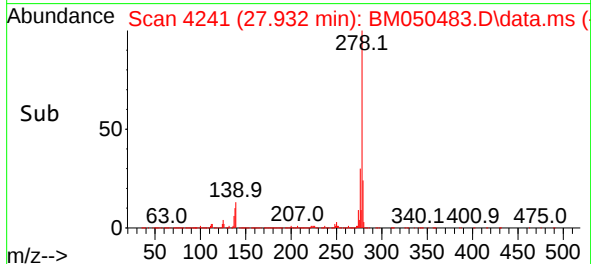
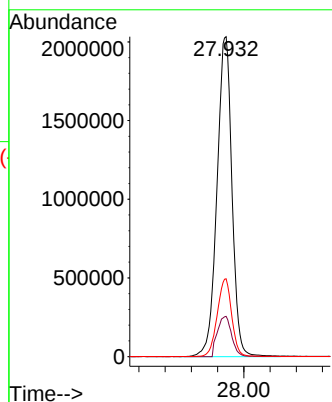
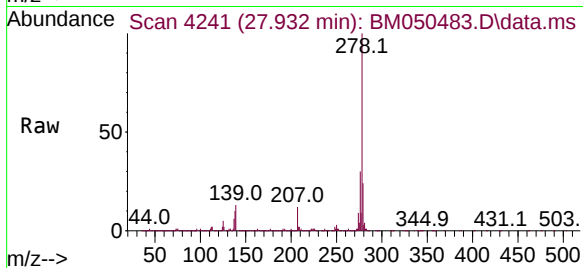


#91
 Dibenzo(a,h)anthracene
 Concen: 46.089 ng
 RT: 27.932 min Scan# 4111
 Delta R.T. -0.012 min
 Lab File: BM050483.D
 Acq: 22 Jul 2025 12:48

Instrument :
 BNA_M
 ClientSampleId :
 PB168813BS

Tgt Ion:278 Resp: 8055574

Ion	Ratio	Lower	Upper
278	100		
139	12.6	10.8	16.2
279	24.3	19.4	29.0



#92
 Benzo(g,h,i)perylene
 Concen: 46.641 ng
 RT: 28.932 min Scan# 4411
 Delta R.T. -0.012 min
 Lab File: BM050483.D
 Acq: 22 Jul 2025 12:48

Tgt Ion:276 Resp: 7704675

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.1	28.7
138	17.0	14.9	22.3

