

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
 Data File : BM050294.D
 Acq On : 12 Jun 2025 04:31
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 12 05:25:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	421256	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1719772	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	980072	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1834301	20.000	ng	0.00
76) Chrysene-d12	21.362	240	2006119	20.000	ng	-0.01
86) Perylene-d12	24.327	264	2127246	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2105441	83.374	ng	0.00
7) Phenol-d6	6.928	99	2687865	80.855	ng	0.00
23) Nitrobenzene-d5	8.916	82	2789229	84.350	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	935993	83.963	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	5760411	79.573	ng	0.00
79) Terphenyl-d14	19.757	244	8076672	76.294	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	456324	41.224	ng	89
3) Pyridine	3.669	79	1209057	42.177	ng	92
4) n-Nitrosodimethylamine	3.581	42	260965	44.025	ng	95
6) Aniline	7.093	93	1749689	39.814	ng	97
8) 2-Chlorophenol	7.328	128	1135774	40.889	ng	97
9) Benzaldehyde	6.904	77	774879	36.662	ng	98
10) Phenol	6.957	94	1443228	41.032	ng	98
11) bis(2-Chloroethyl)ether	7.187	93	1175004	41.532	ng	95
12) 1,3-Dichlorobenzene	7.651	146	1225637	39.469	ng	96
13) 1,4-Dichlorobenzene	7.798	146	1259844	38.993	ng	99
14) 1,2-Dichlorobenzene	8.116	146	1210051	39.287	ng	99
15) Benzyl Alcohol	7.998	79	939067	39.606	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.293	45	960289	48.862	ng	92
17) 2-Methylphenol	8.198	107	926064	39.903	ng	98
18) Hexachloroethane	8.845	117	494929	42.299	ng	96
19) n-Nitroso-di-n-propyla...	8.569	70	864109	42.477	ng	97
20) 3+4-Methylphenols	8.528	107	1227985	39.549	ng	99
22) Acetophenone	8.581	105	1702937	39.635	ng	99
24) Nitrobenzene	8.957	77	1276741	42.453	ng	96
25) Isophorone	9.487	82	2259974	39.597	ng	99
26) 2-Nitrophenol	9.663	139	512611	39.487	ng	95
27) 2,4-Dimethylphenol	9.728	122	1049127	39.332	ng	99
28) bis(2-Chloroethoxy)met...	9.963	93	1535186	41.174	ng	100
29) 2,4-Dichlorophenol	10.198	162	963519	39.035	ng	98
30) 1,2,4-Trichlorobenzene	10.416	180	1059185	38.561	ng	100
31) Naphthalene	10.598	128	3465404	38.974	ng	99
32) Benzoic acid	9.840	122	447390	26.689	ng	95
33) 4-Chloroaniline	10.704	127	1479823	39.037	ng	99
34) Hexachlorobutadiene	10.892	225	618531	37.858	ng	100
35) Caprolactam	11.486	113	299051	38.215	ng	83
36) 4-Chloro-3-methylphenol	11.828	107	1026359	38.968	ng	98
37) 2-Methylnaphthalene	12.216	142	2086108	38.890	ng	99
38) 1-Methylnaphthalene	12.433	142	2200590	38.652	ng	100
40) 1,2,4,5-Tetrachloroben...	12.581	216	1128930	39.891	ng	99
41) Hexachlorocyclopentadiene	12.569	237	685516	39.886	ng	99
43) 2,4,6-Trichlorophenol	12.822	196	745681	40.067	ng	100

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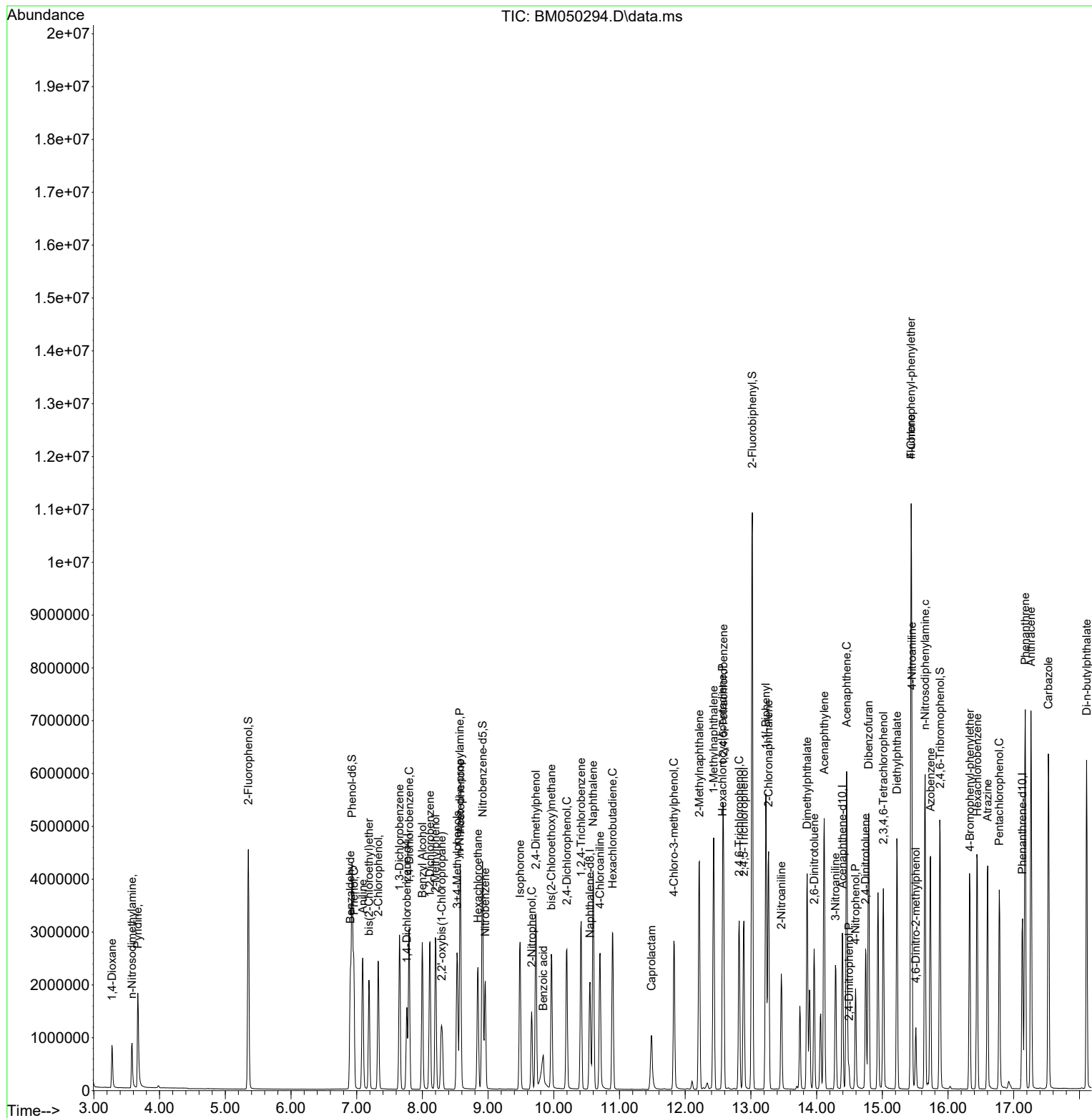
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	816412	39.954	ng	97
46) 1,1'-Biphenyl	13.228	154	2896871	39.474	ng	99
47) 2-Chloronaphthalene	13.269	162	2259721	39.607	ng	100
48) 2-Nitroaniline	13.463	65	583662	46.487	ng	91
49) Acenaphthylene	14.116	152	3704150	40.140	ng	100
50) Dimethylphthalate	13.857	163	2639763	39.826	ng	100
51) 2,6-Dinitrotoluene	13.963	165	557598	41.715	ng	91
52) Acenaphthene	14.457	154	2190170	37.945	ng	99
53) 3-Nitroaniline	14.286	138	635321	42.646	ng	98
54) 2,4-Dinitrophenol	14.492	184	94849	15.700	ng	96
55) Dibenzofuran	14.792	168	3378810	40.013	ng	99
56) 4-Nitrophenol	14.592	139	526535	41.526	ng	94
57) 2,4-Dinitrotoluene	14.745	165	757615	42.966	ng	93
58) Fluorene	15.439	166	2614269	40.421	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	726707m	41.106	ng	
60) Diethylphthalate	15.222	149	2686385	40.848	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	1256083	40.184	ng	99
62) 4-Nitroaniline	15.451	138	628549	45.016	ng	98
63) Azobenzene	15.733	77	2799249	42.585	ng	98
65) 4,6-Dinitro-2-methylph...	15.510	198	242118	24.167	ng	95
66) n-Nitrosodiphenylamine	15.651	169	2297493	39.863	ng	100
67) 4-Bromophenyl-phenylether	16.333	248	781191	39.937	ng	97
68) Hexachlorobenzene	16.445	284	916924	40.121	ng	97
69) Atrazine	16.604	200	756312	41.184	ng	98
70) Pentachlorophenol	16.780	266	636473	42.836	ng	100
71) Phenanthrene	17.174	178	4197547	40.058	ng	99
72) Anthracene	17.263	178	4223559	40.290	ng	100
73) Carbazole	17.527	167	3945955	41.318	ng	100
74) Di-n-butylphthalate	18.110	149	4526219	43.558	ng	100
75) Fluoranthene	19.186	202	4650842	42.087	ng	99
77) Benzidine	19.368	184	2311026	40.966	ng	99
78) Pyrene	19.551	202	4981804	36.844	ng	100
80) Butylbenzylphthalate	20.456	149	1885439	41.804	ng	96
81) Benzo(a)anthracene	21.339	228	5053259	39.796	ng	100
82) 3,3'-Dichlorobenzidine	21.268	252	1715475	44.302	ng	100
83) Chrysene	21.403	228	4784209	39.609	ng	99
84) Bis(2-ethylhexyl)phtha...	21.286	149	3045100	43.831	ng	99
85) Di-n-octyl phthalate	22.415	149	4696350	45.556	ng	99
87) Indeno(1,2,3-cd)pyrene	27.685	276	5950271	43.443	ng	99
88) Benzo(b)fluoranthene	23.397	252	5020058	40.589	ng	100
89) Benzo(k)fluoranthene	23.456	252	5082030	40.251	ng	100
90) Benzo(a)pyrene	24.192	252	4786398	41.161	ng	99
91) Dibenzo(a,h)anthracene	27.744	278	4894031	44.020	ng	99
92) Benzo(g,h,i)perylene	28.727	276	4861977	43.693	ng	100

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

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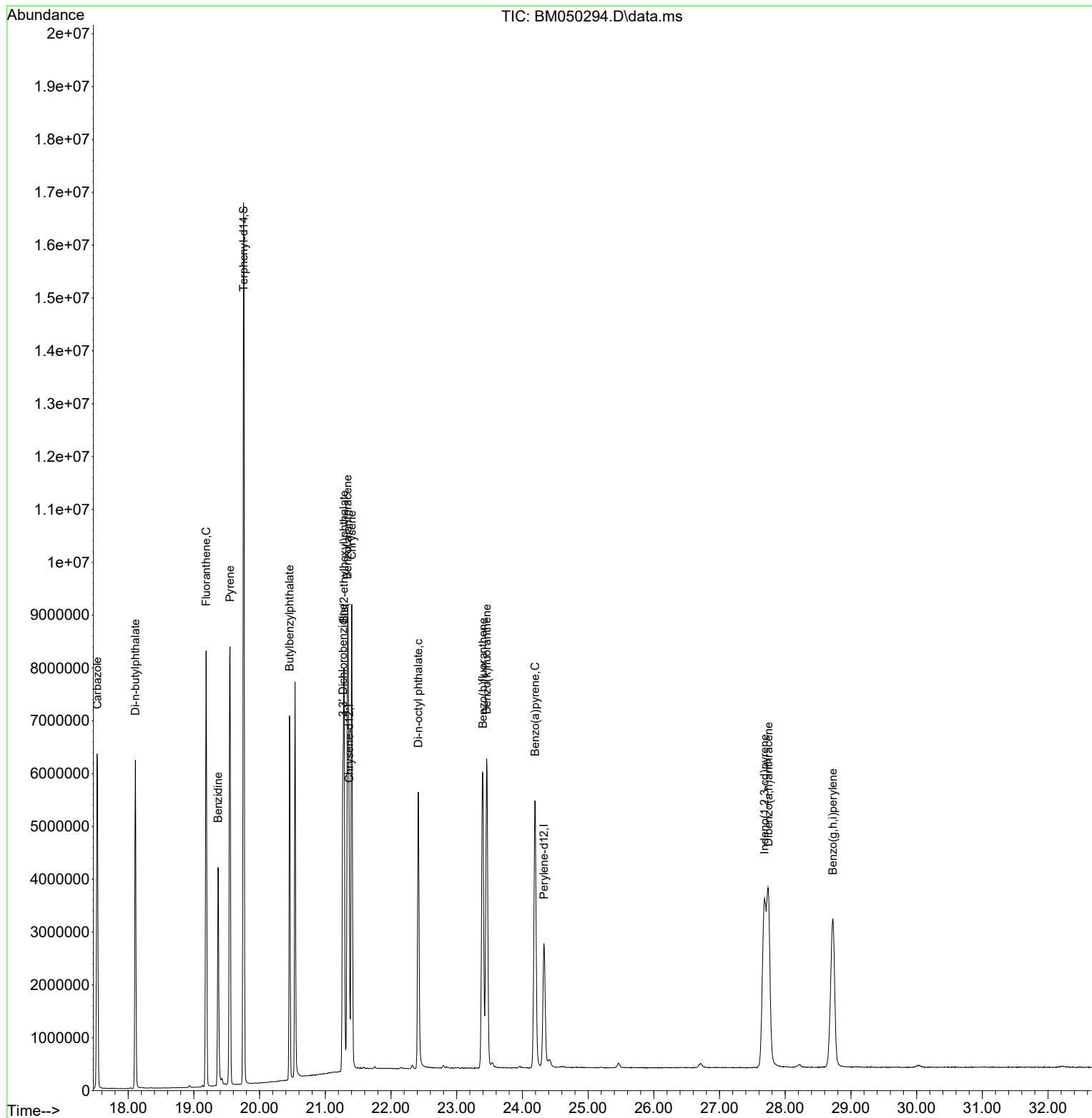
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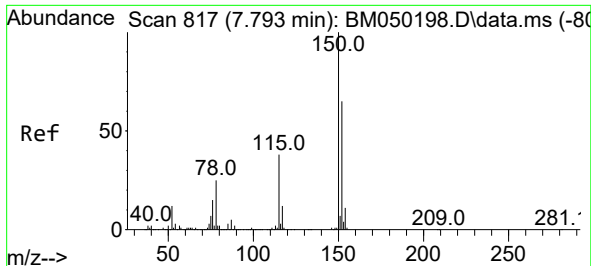


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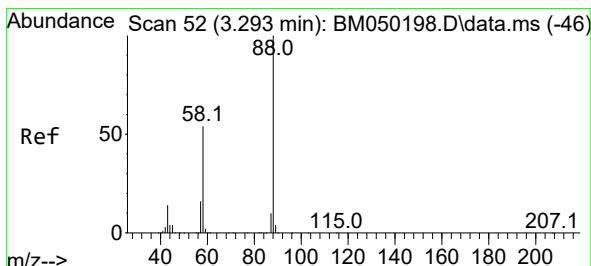
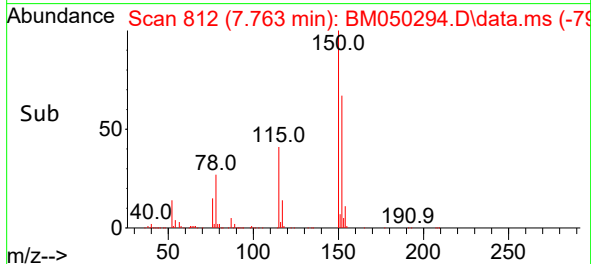
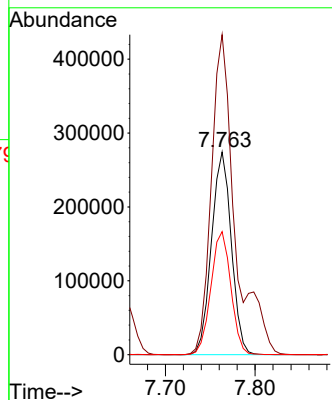
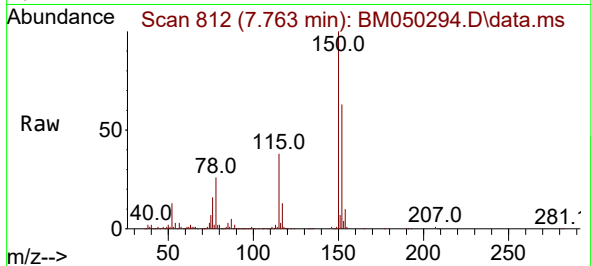




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050294.D
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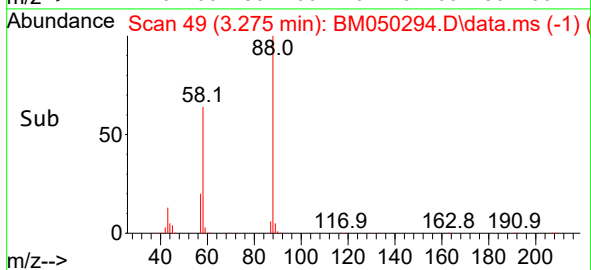
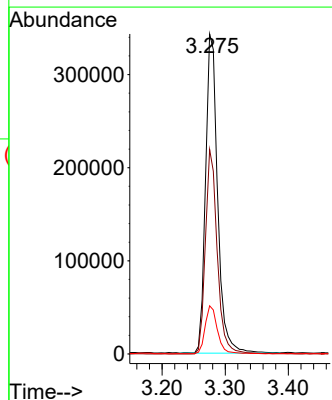
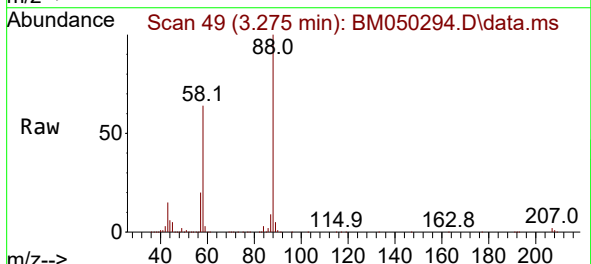
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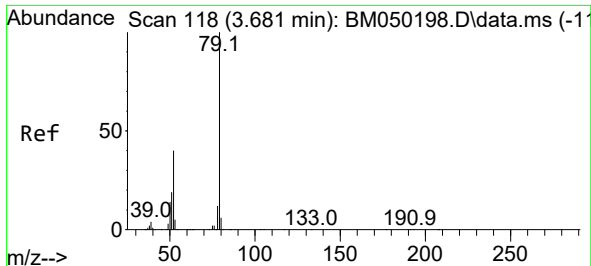
Tgt Ion:152 Resp: 421256
Ion Ratio Lower Upper
152 100
150 157.9 122.2 183.4
115 60.7 46.3 69.5



#2
1,4-Dioxane
Concen: 41.224 ng
RT: 3.275 min Scan# 49
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 88 Resp: 456324
Ion Ratio Lower Upper
88 100
58 62.8 42.9 64.3
43 15.3 11.0 16.6

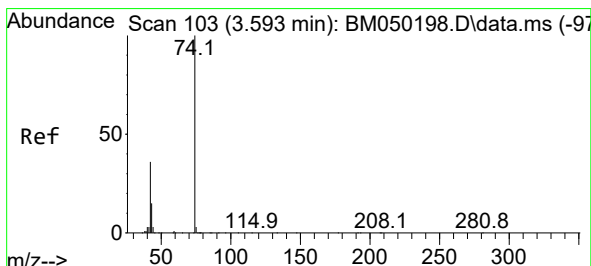
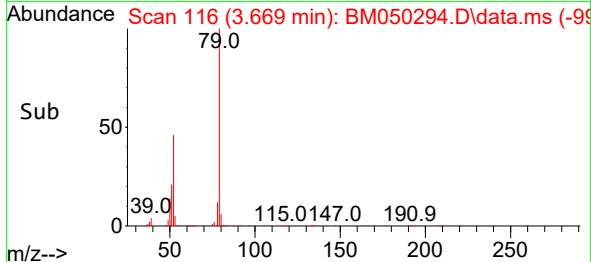
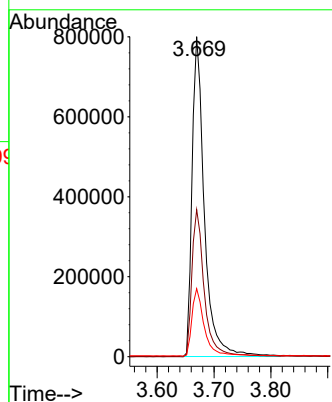
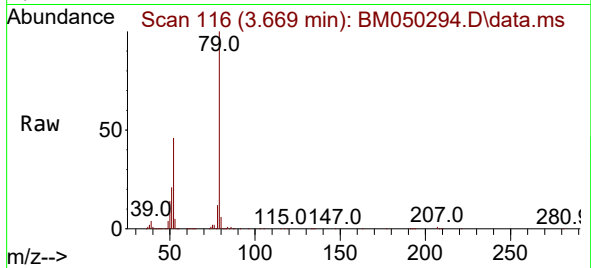




#3
Pyridine
Concen: 42.177 ng
RT: 3.669 min Scan# 118
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

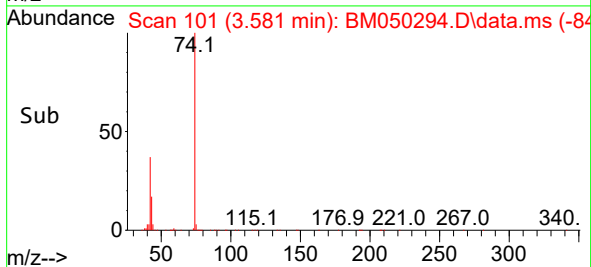
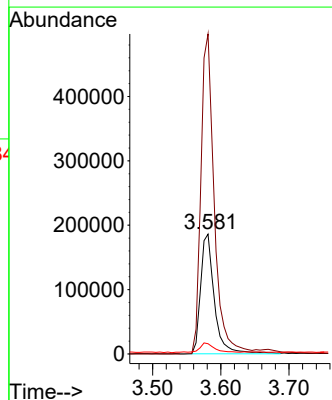
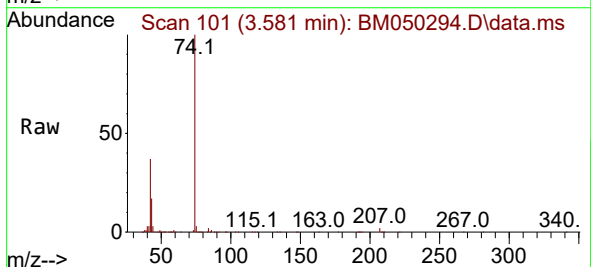
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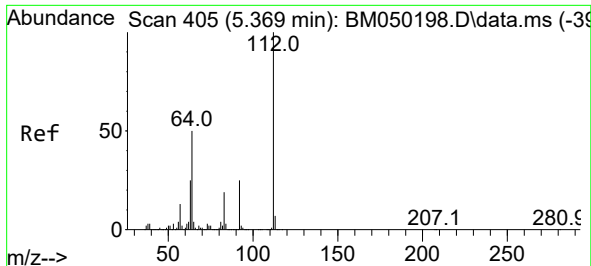
Tgt Ion: 79 Resp: 1209057
Ion Ratio Lower Upper
79 100
52 45.9 32.1 48.1
51 21.2 15.4 23.0



#4
n-Nitrosodimethylamine
Concen: 44.025 ng
RT: 3.581 min Scan# 101
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 42 Resp: 260965
Ion Ratio Lower Upper
42 100
74 267.1 222.0 333.0
44 8.6 7.0 10.6

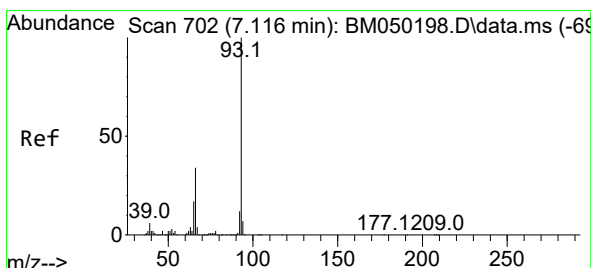
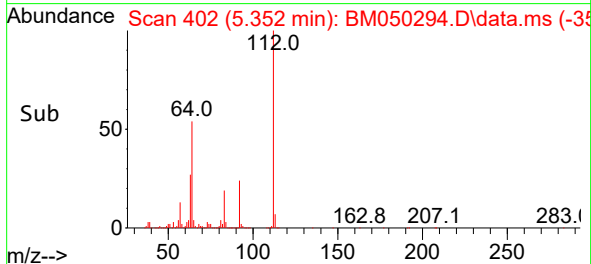
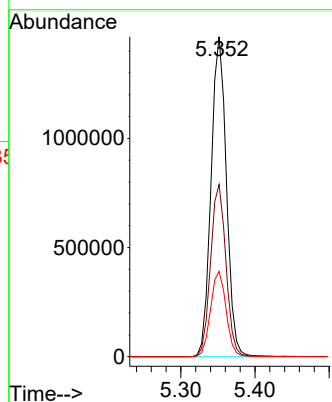
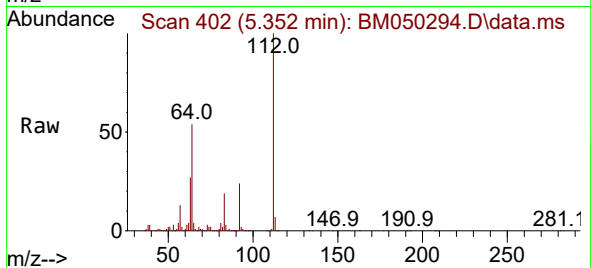




#5
2-Fluorophenol
Concen: 83.374 ng
RT: 5.352 min Scan# 405
Delta R.T. -0.006 min
Lab File: BM050294.D
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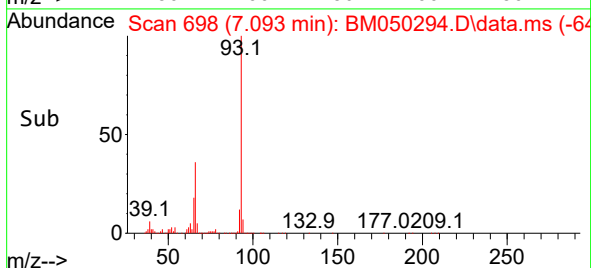
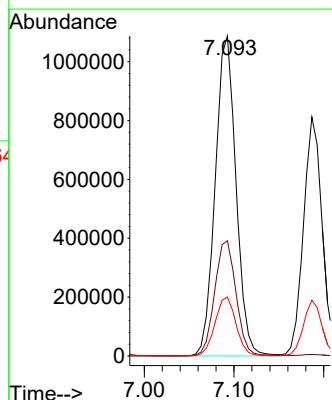
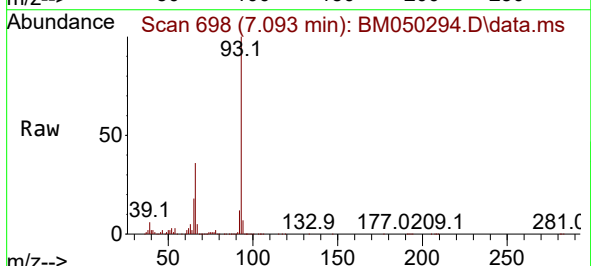
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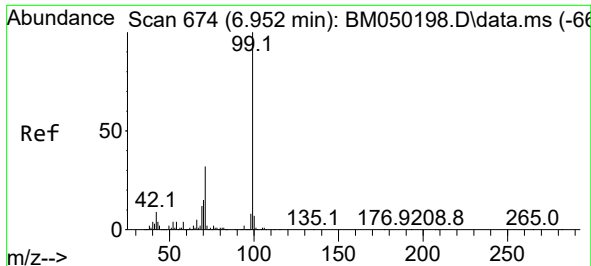
Tgt Ion:112 Resp: 2105441
Ion Ratio Lower Upper
112 100
64 53.8 39.8 59.6
63 26.7 19.8 29.8



#6
Aniline
Concen: 39.814 ng
RT: 7.093 min Scan# 698
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 93 Resp: 1749689
Ion Ratio Lower Upper
93 100
66 36.0 27.4 41.2
65 18.4 13.6 20.4

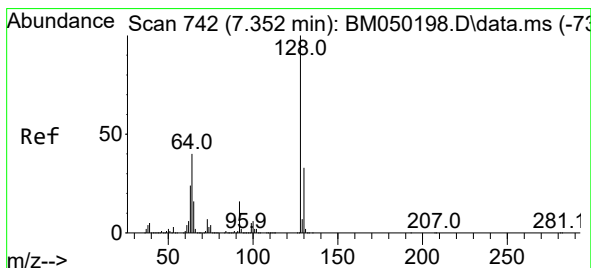
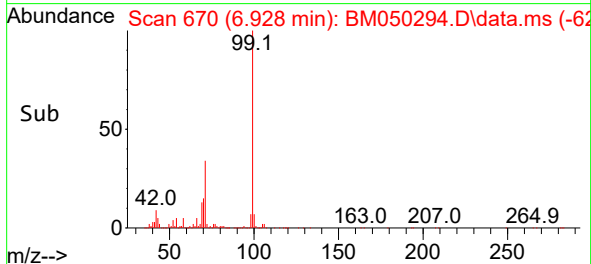
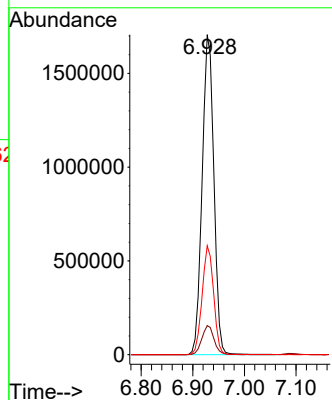
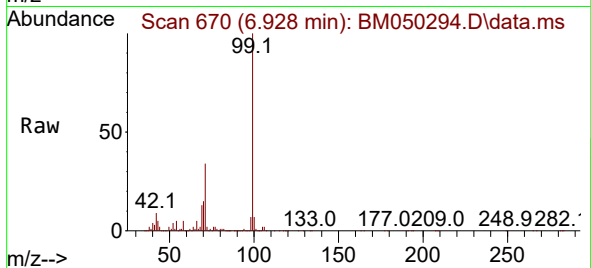




#7
Phenol-d6
Concen: 80.855 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050294.D
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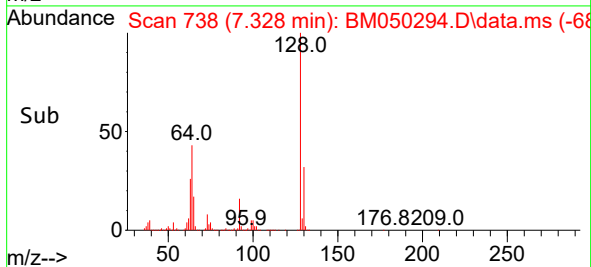
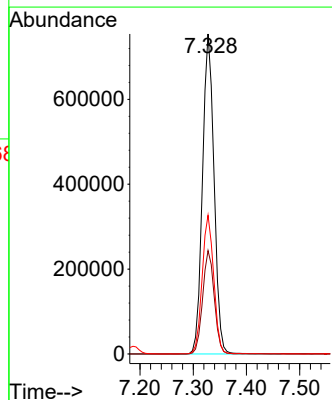
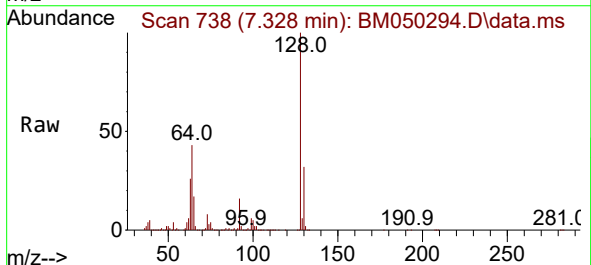
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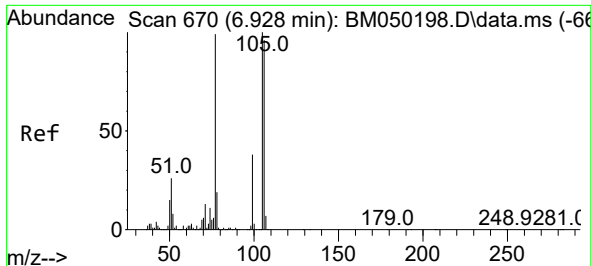
Tgt Ion: 99 Resp: 2687865
Ion Ratio Lower Upper
99 100
42 9.1 6.9 10.3
71 34.1 25.3 37.9



#8
2-Chlorophenol
Concen: 40.889 ng
RT: 7.328 min Scan# 738
Delta R.T. -0.006 min
Lab File: BM050294.D
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Tgt Ion: 128 Resp: 1135774
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 43.3 19.8 59.8

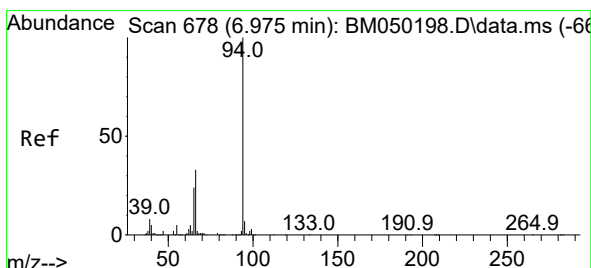
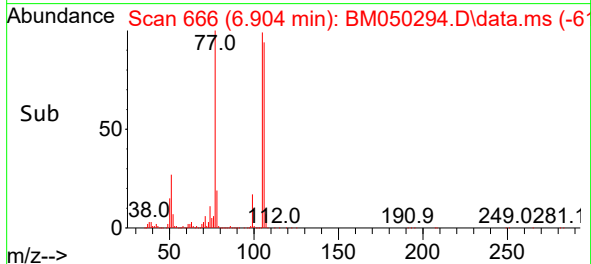
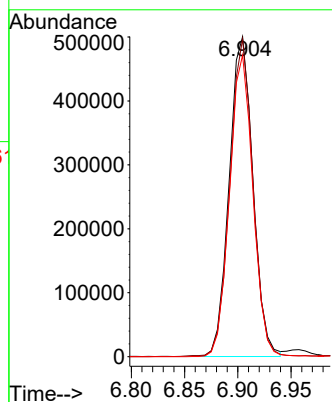
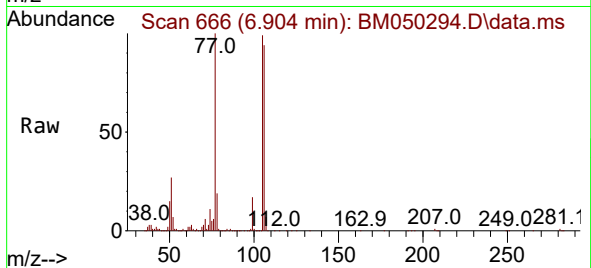




#9
Benzaldehyde
Concen: 36.662 ng
RT: 6.904 min Scan# 666
Delta R.T. -0.006 min
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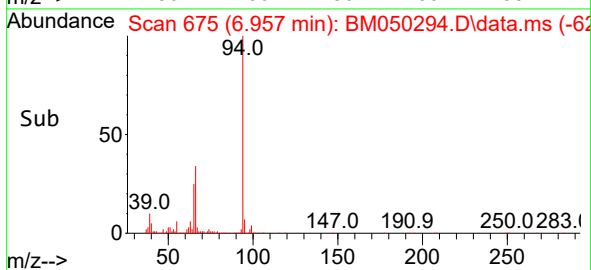
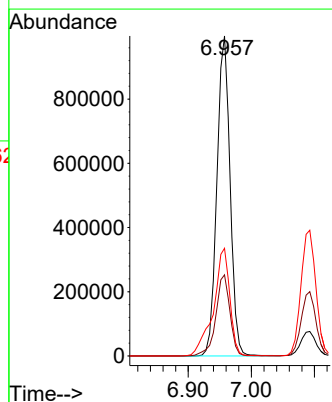
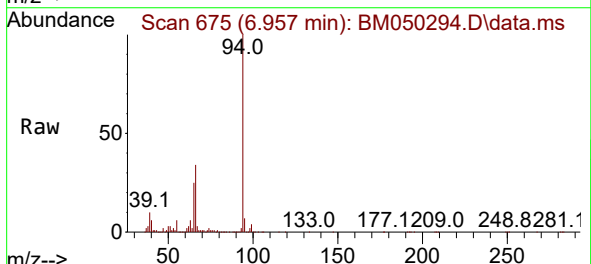
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

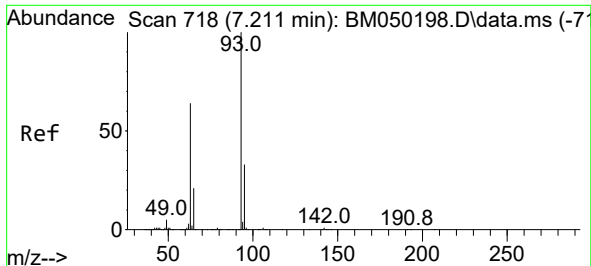
Tgt Ion: 77 Resp: 774879
Ion Ratio Lower Upper
77 100
105 99.3 80.9 120.9
106 94.2 77.1 117.1



#10
Phenol
Concen: 41.032 ng
RT: 6.957 min Scan# 675
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 94 Resp: 1443228
Ion Ratio Lower Upper
94 100
65 25.3 4.3 44.3
66 33.7 12.9 52.9

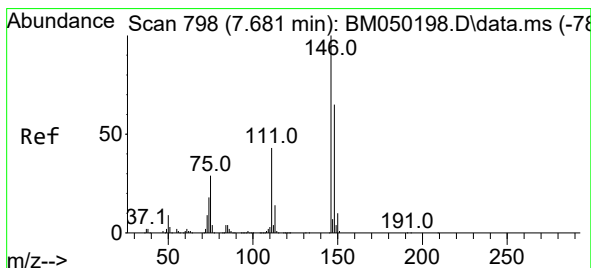
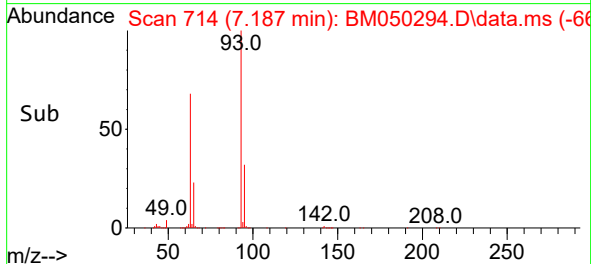
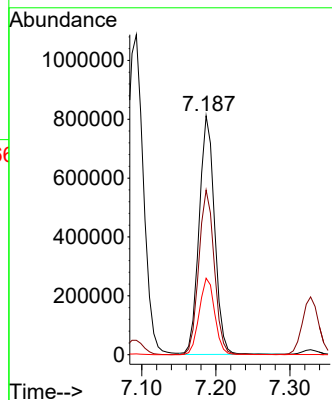
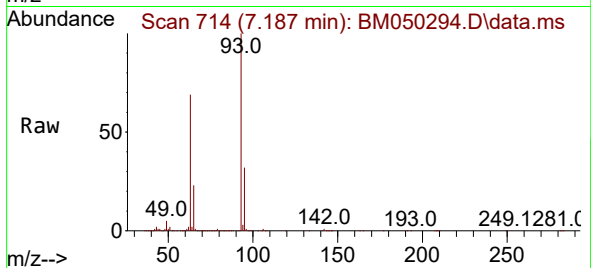




#11
bis(2-Chloroethyl)ether
Concen: 41.532 ng
RT: 7.187 min Scan# 718
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

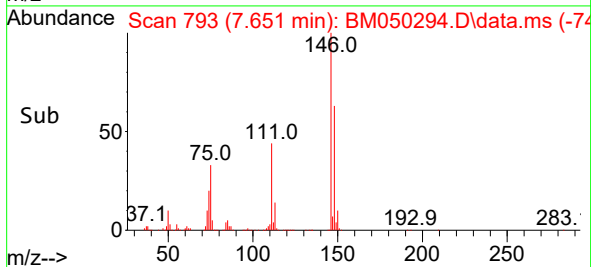
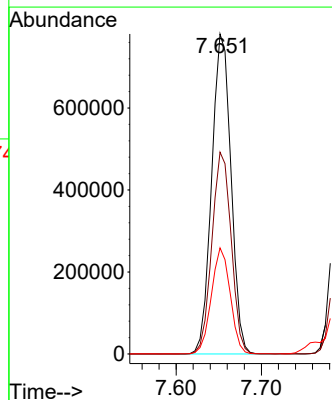
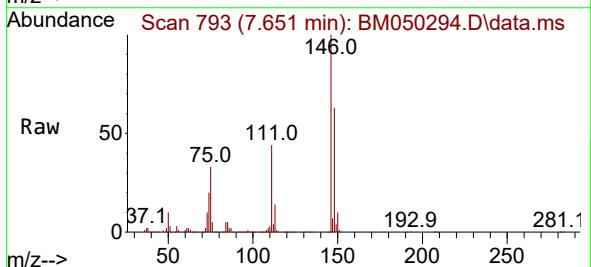
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

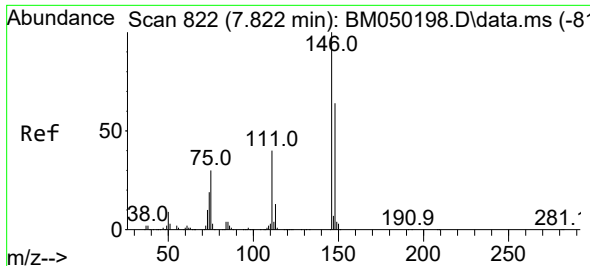
Tgt Ion: 93 Resp: 1175004
Ion Ratio Lower Upper
93 100
63 69.0 43.9 83.9
95 32.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.469 ng
RT: 7.651 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:146 Resp: 1225637
Ion Ratio Lower Upper
146 100
148 63.0 51.9 77.9
75 33.2 23.4 35.0

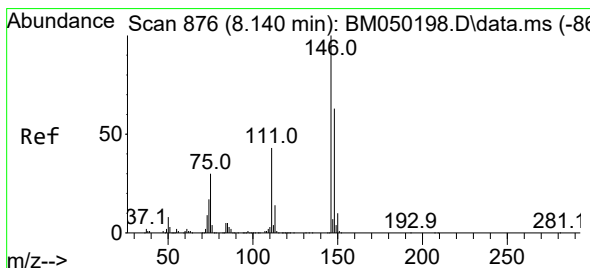
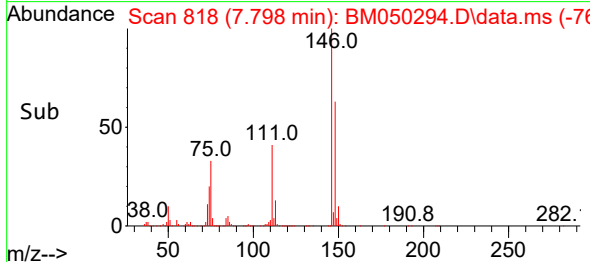
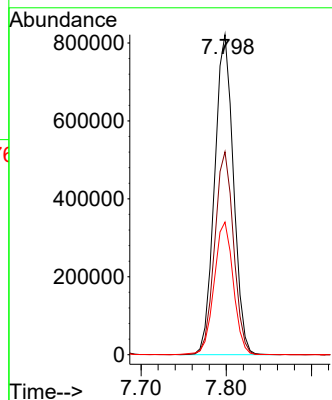
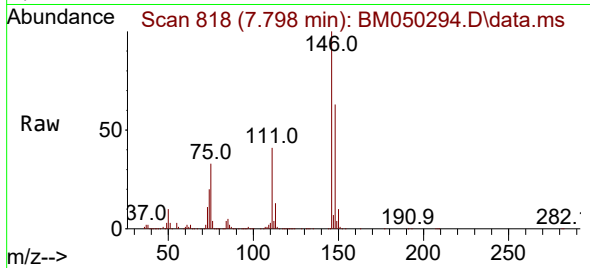




#13
1,4-Dichlorobenzene
Concen: 38.993 ng
RT: 7.798 min Scan# 818
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

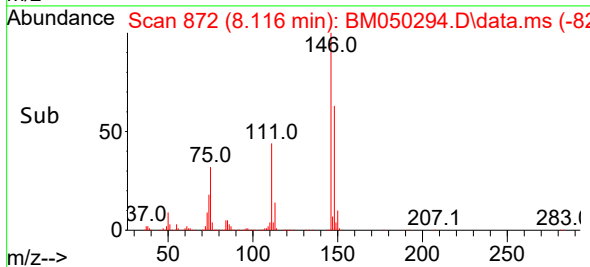
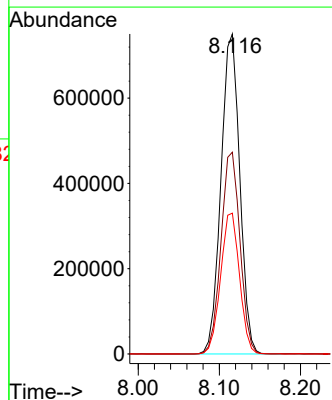
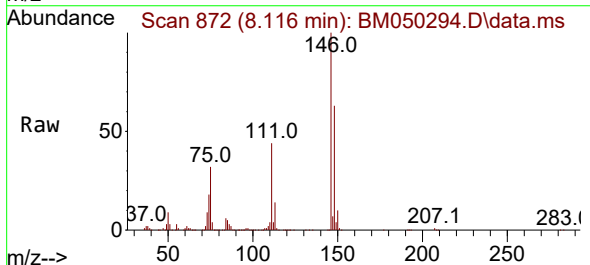
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

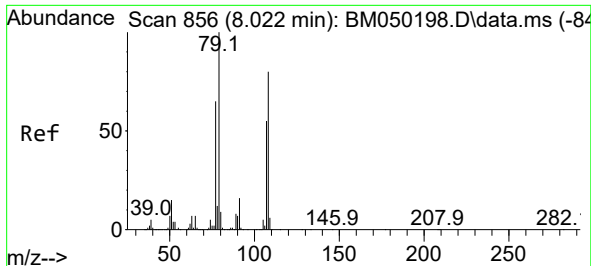
Tgt Ion:146 Resp: 1259844
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.0
111 41.5 32.3 48.5



#14
1,2-Dichlorobenzene
Concen: 39.287 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:146 Resp: 1210051
Ion Ratio Lower Upper
146 100
148 63.1 50.4 75.6
111 44.0 34.3 51.5

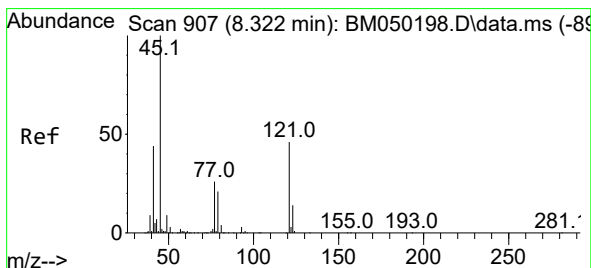
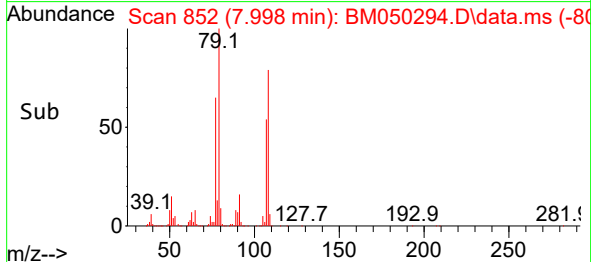
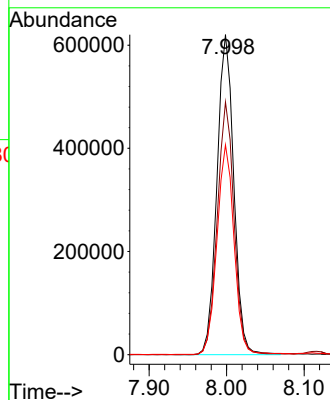
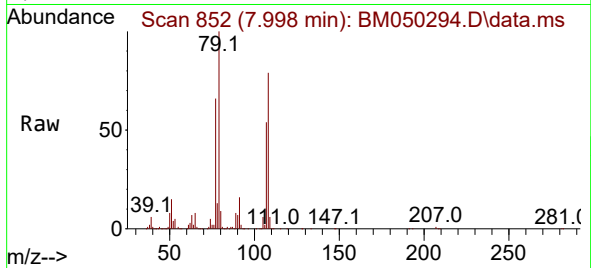




#15
Benzyl Alcohol
Concen: 39.606 ng
RT: 7.998 min Scan# 856
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

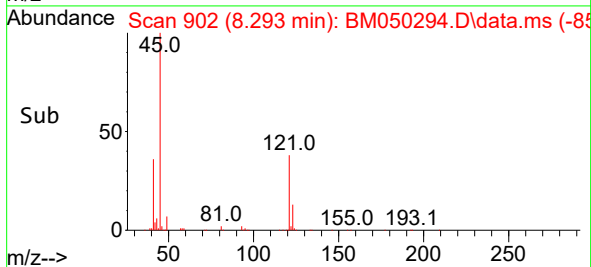
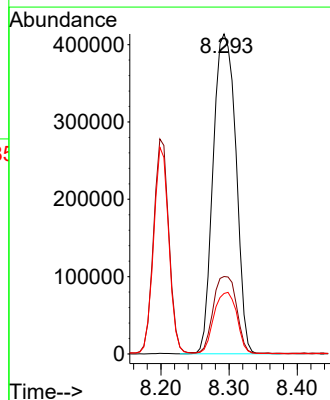
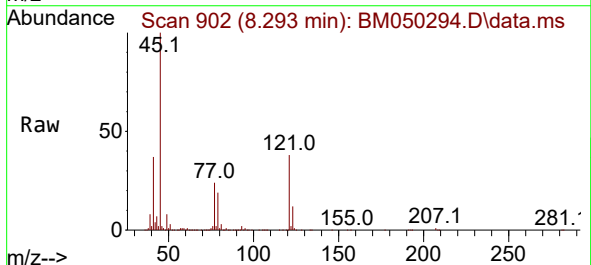
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

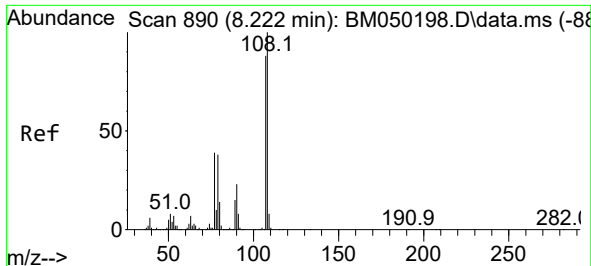
Tgt Ion: 79 Resp: 939067
Ion Ratio Lower Upper
79 100
108 79.0 64.0 96.0
77 65.5 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.862 ng
RT: 8.293 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 45 Resp: 960289
Ion Ratio Lower Upper
45 100
77 24.2 8.7 48.7
79 18.9 2.7 42.7

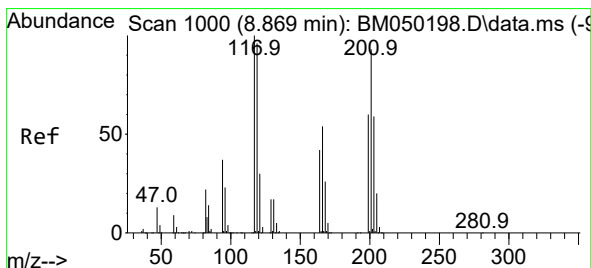
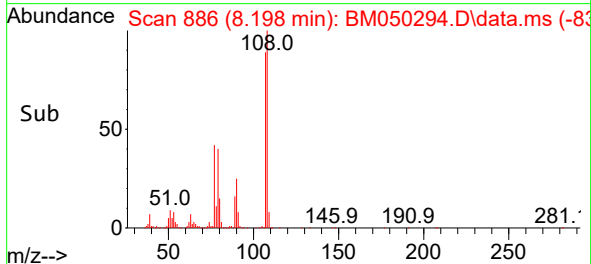
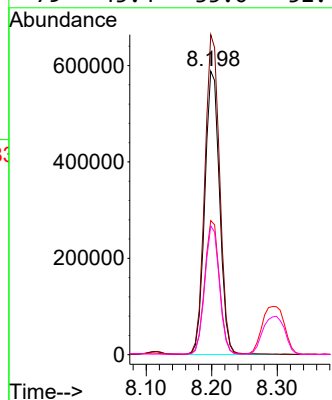
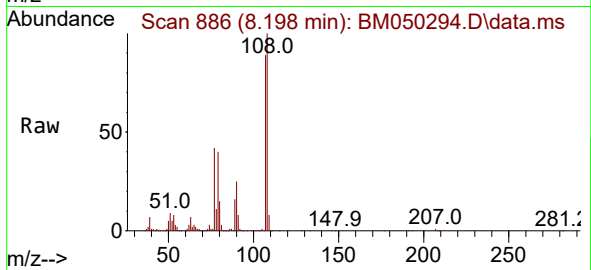




#17
2-Methylphenol
Concen: 39.903 ng
RT: 8.198 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

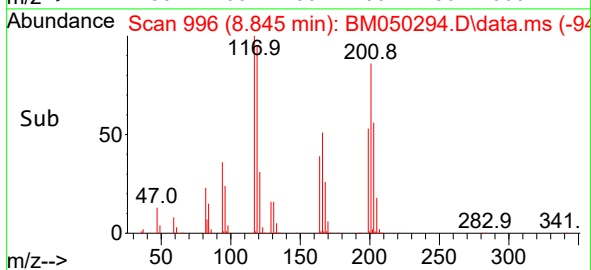
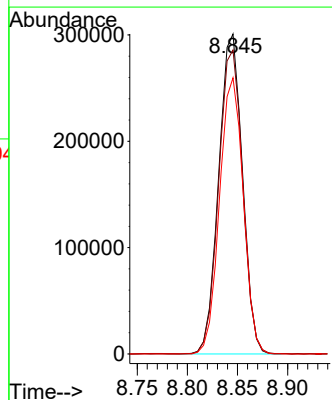
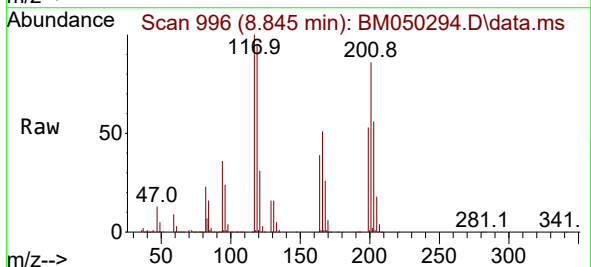
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

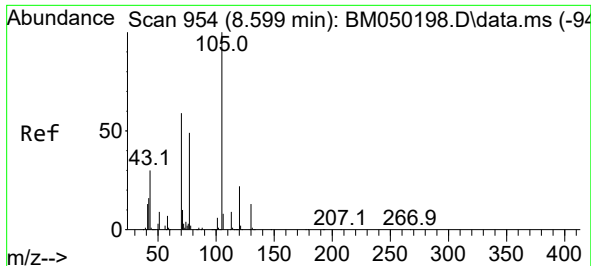
Tgt Ion:107 Resp: 926064
Ion Ratio Lower Upper
107 100
108 112.8 90.8 136.2
77 47.3 35.7 53.5
79 45.4 35.0 52.4



#18
Hexachloroethane
Concen: 42.299 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:117 Resp: 494929
Ion Ratio Lower Upper
117 100
119 95.0 77.0 115.6
201 86.3 74.6 111.8

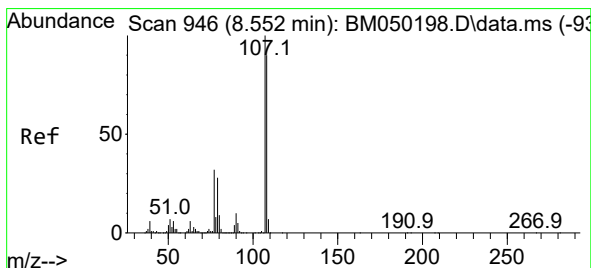
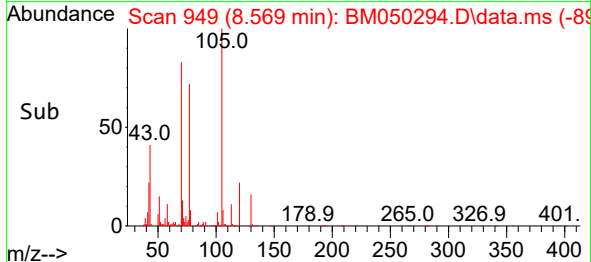
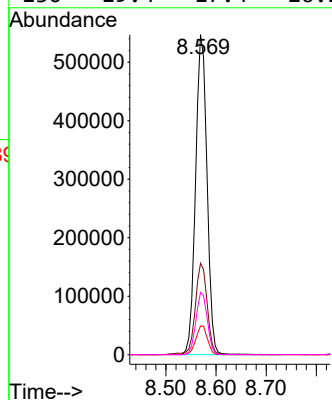
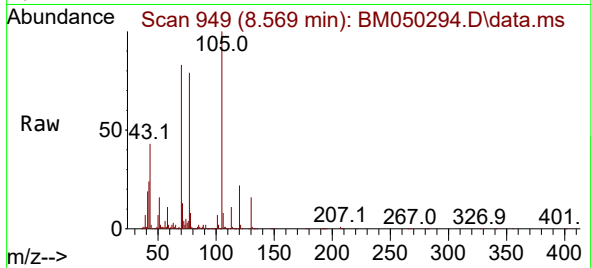




#19
n-Nitroso-di-n-propylamine
Concen: 42.477 ng
RT: 8.569 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

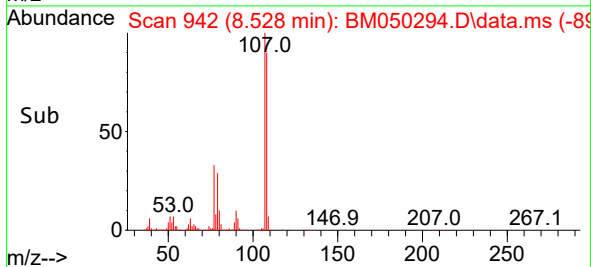
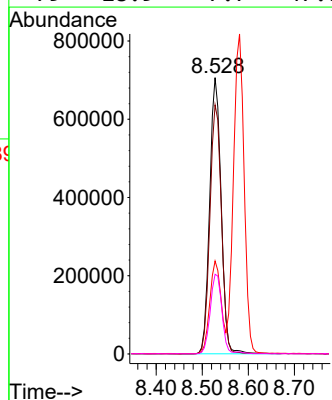
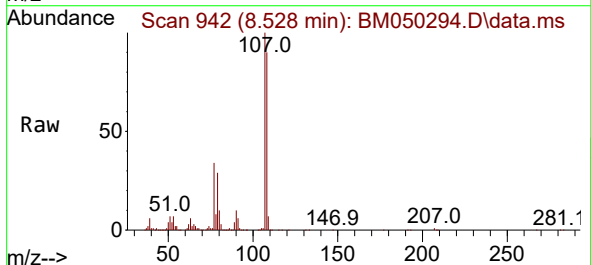
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

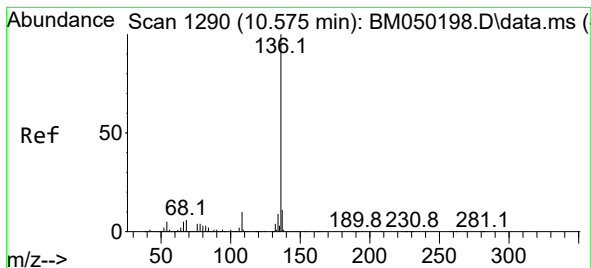
Tgt Ion: 70 Resp: 864109
Ion Ratio Lower Upper
70 100
42 28.6 22.6 33.8
101 9.0 8.3 12.5
130 19.4 17.4 26.2



#20
3+4-Methylphenols
Concen: 39.549 ng
RT: 8.528 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 107 Resp: 1227985
Ion Ratio Lower Upper
107 100
108 90.2 70.4 110.4
77 33.7 12.2 52.2
79 28.9 7.7 47.7

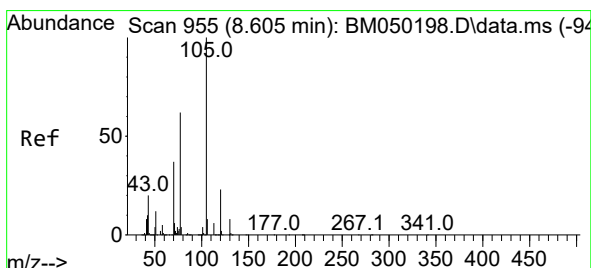
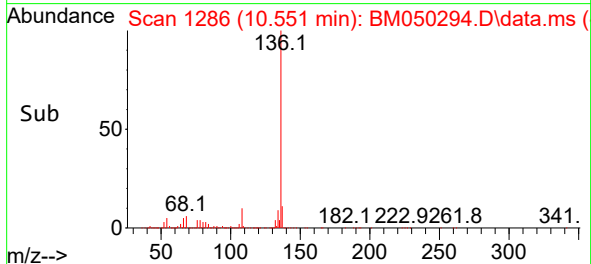
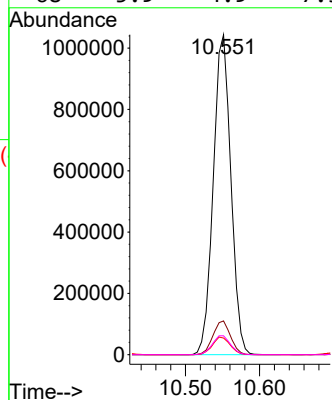
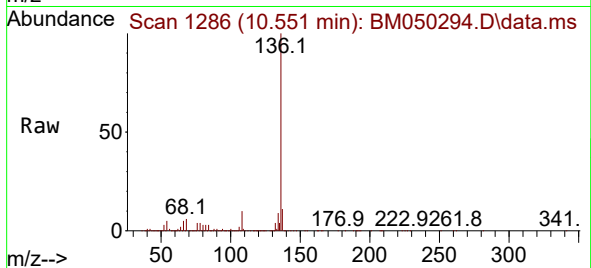




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

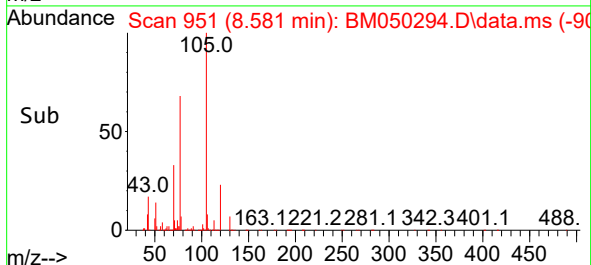
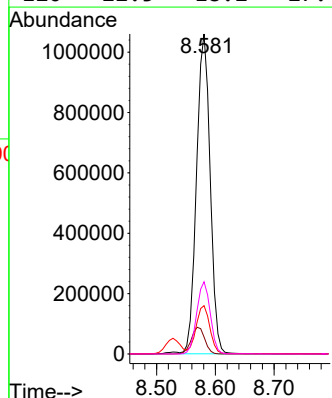
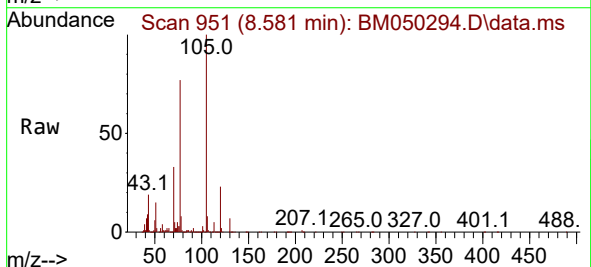
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

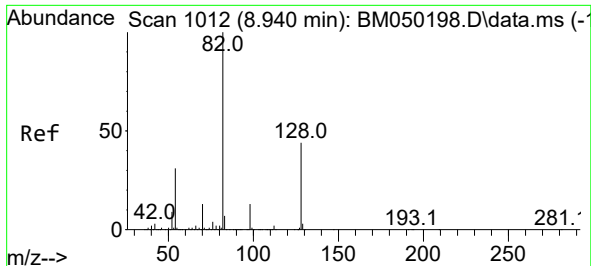
Tgt Ion:136 Resp: 1719772
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 5.2 3.8 5.8
68 5.9 4.9 7.3



#22
Acetophenone
Concen: 39.635 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:105 Resp: 1702937
Ion Ratio Lower Upper
105 100
71 5.3 5.0 7.4
51 15.1 11.4 17.2
120 22.5 18.2 27.4





#23

Nitrobenzene-d5

Concen: 84.350 ng

RT: 8.916 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

Instrument :

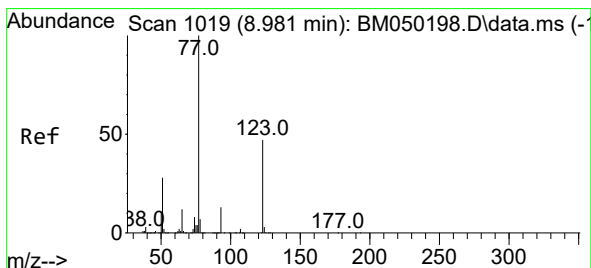
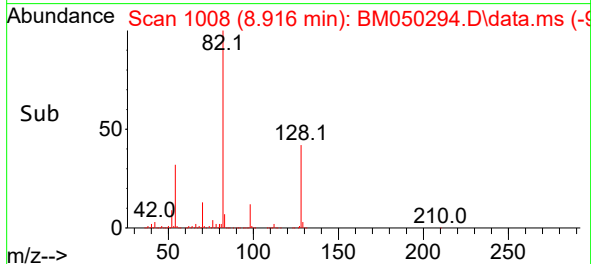
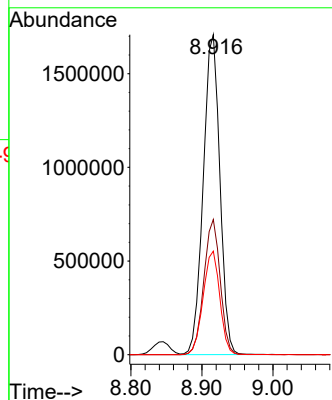
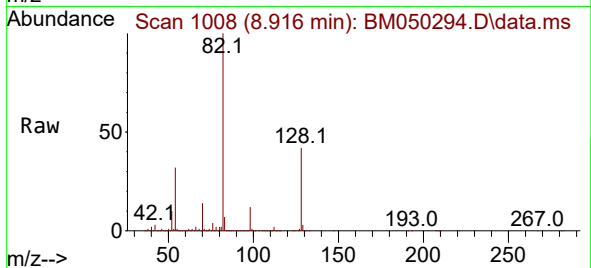
BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 2789229

Ion	Ratio	Lower	Upper
82	100		
128	42.3	35.2	52.8
54	32.4	24.5	36.7



#24

Nitrobenzene

Concen: 42.453 ng

RT: 8.957 min Scan# 1015

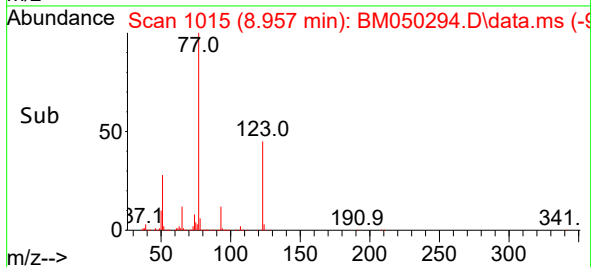
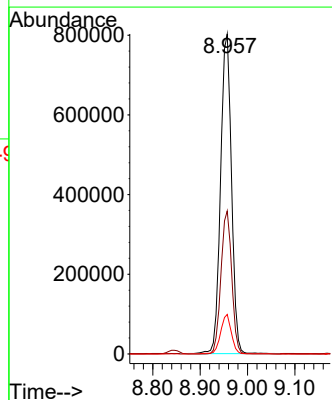
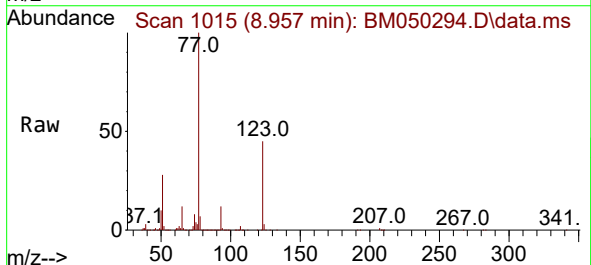
Delta R.T. -0.006 min

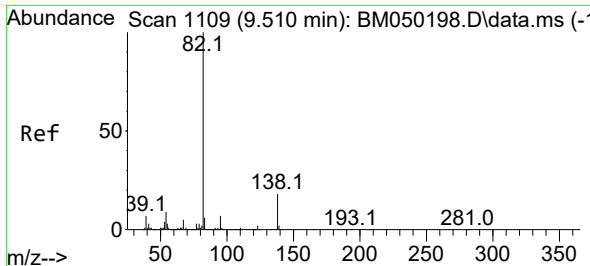
Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

Tgt Ion: 77 Resp: 1276741

Ion	Ratio	Lower	Upper
77	100		
123	44.7	38.2	57.2
65	12.3	9.5	14.3

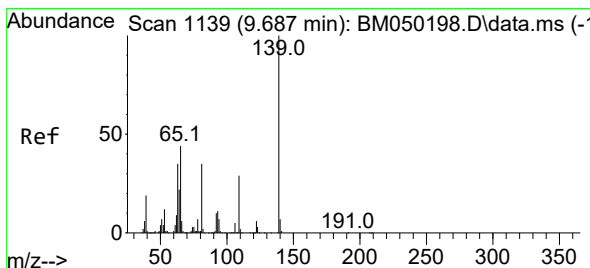
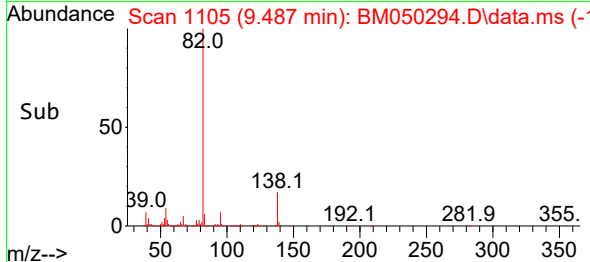
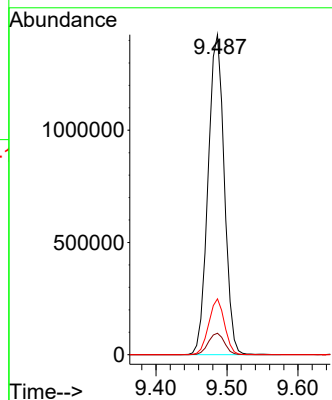
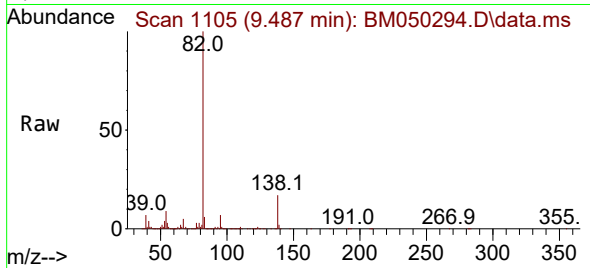




#25
Isophorone
Concen: 39.597 ng
RT: 9.487 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

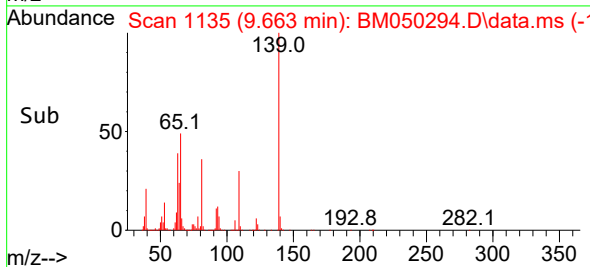
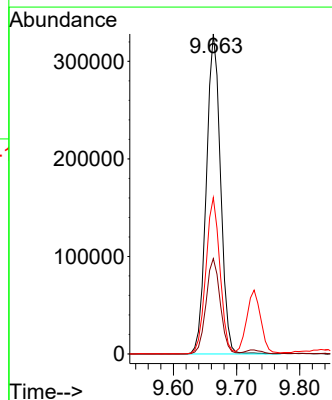
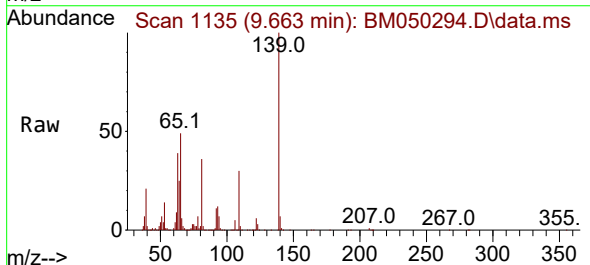
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

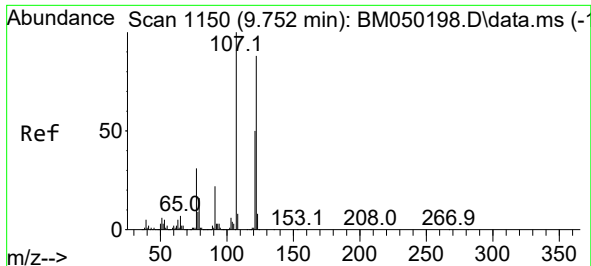
Tgt Ion: 82 Resp: 2259974
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 17.5 14.2 21.2



#26
2-Nitrophenol
Concen: 39.487 ng
RT: 9.663 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 139 Resp: 512611
Ion Ratio Lower Upper
139 100
109 29.8 23.3 34.9
65 48.8 35.2 52.8

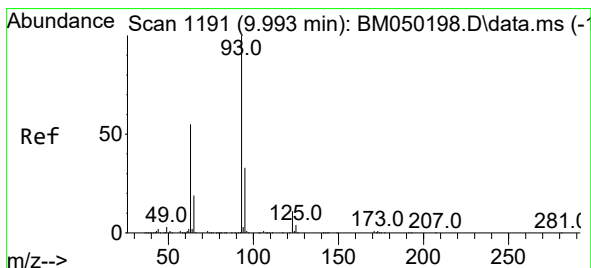
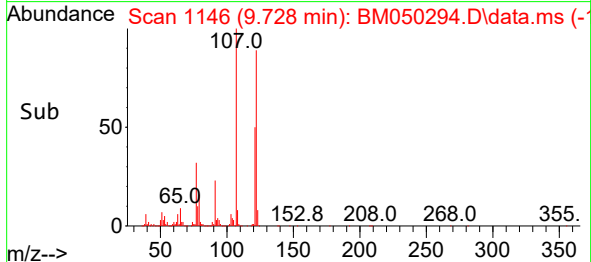
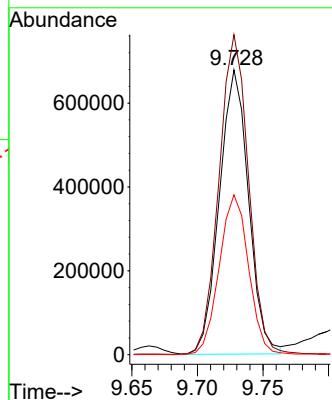
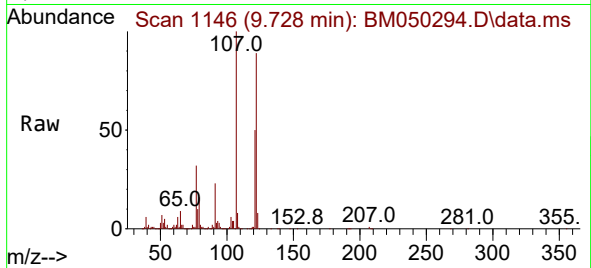




#27
2,4-Dimethylphenol
Concen: 39.332 ng
RT: 9.728 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

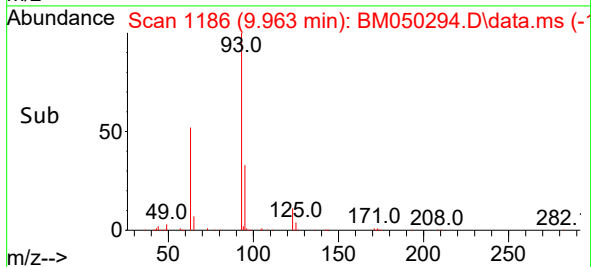
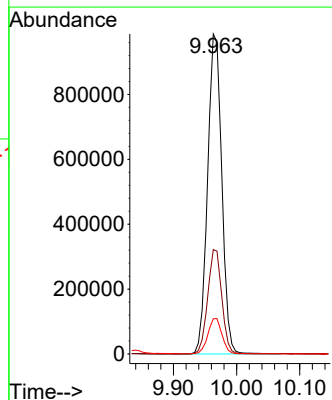
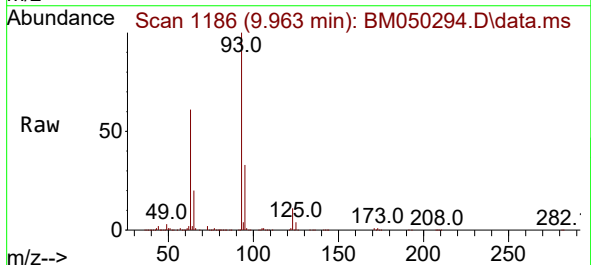
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

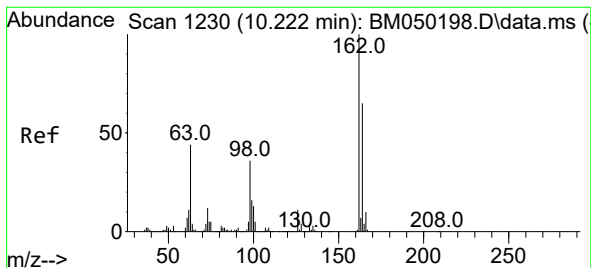
Tgt Ion:122 Resp: 1049127
Ion Ratio Lower Upper
122 100
107 112.4 91.0 136.6
121 56.2 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.174 ng
RT: 9.963 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 93 Resp: 1535186
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.4
123 11.0 8.9 13.3

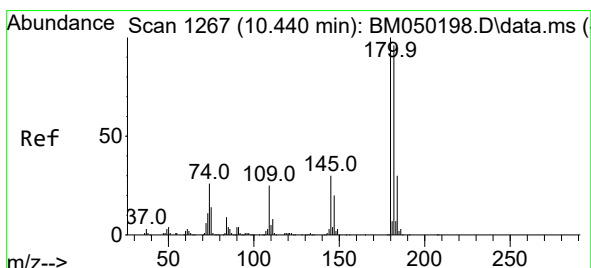
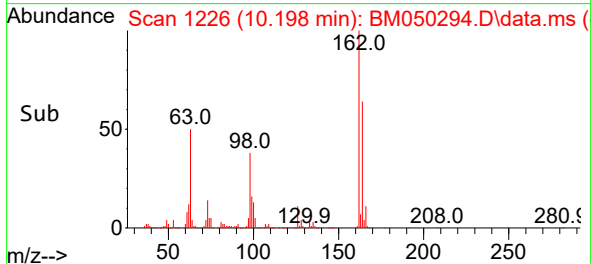
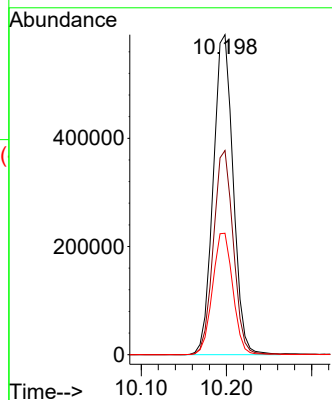
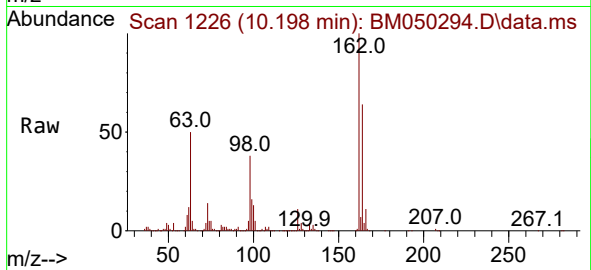




#29
2,4-Dichlorophenol
Concen: 39.035 ng
RT: 10.198 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

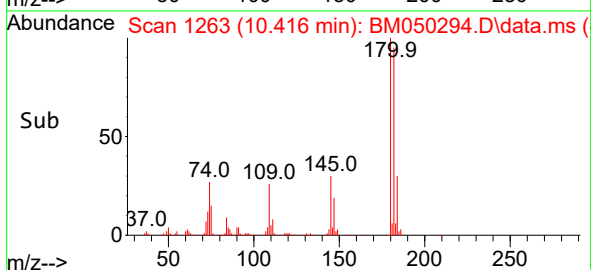
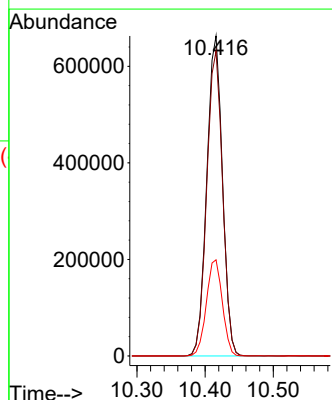
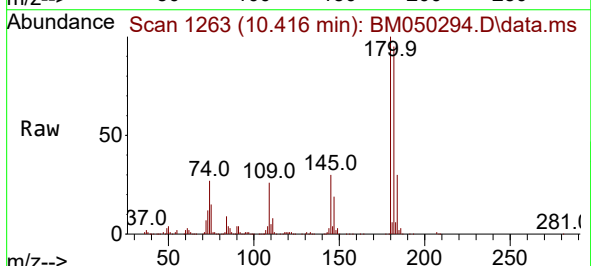
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

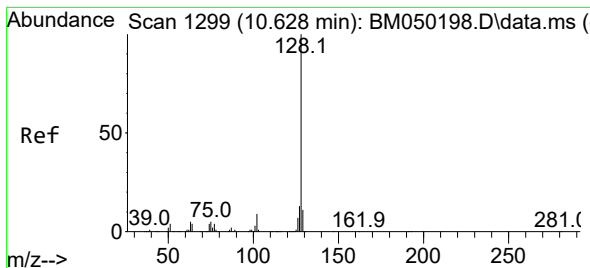
Tgt Ion:162 Resp: 963519
Ion Ratio Lower Upper
162 100
164 63.8 45.0 85.0
98 38.0 16.3 56.3



#30
1,2,4-Trichlorobenzene
Concen: 38.561 ng
RT: 10.416 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:180 Resp: 1059185
Ion Ratio Lower Upper
180 100
182 95.2 76.6 114.8
145 30.1 24.2 36.4

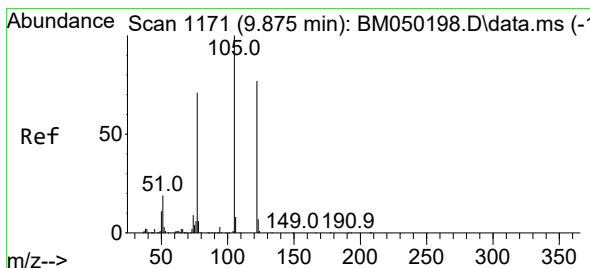
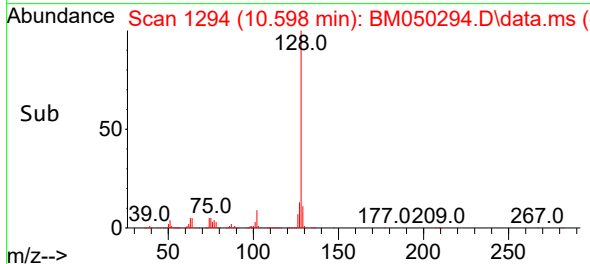
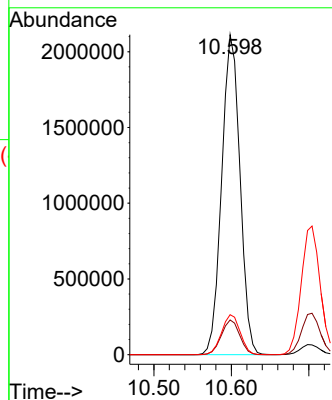
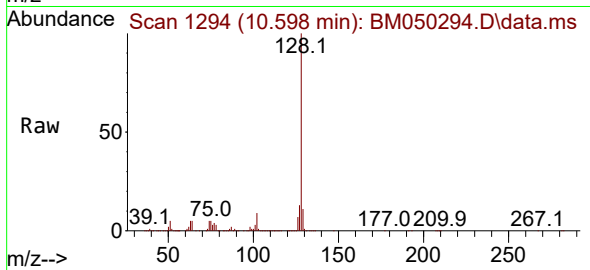




#31
Naphthalene
Concen: 38.974 ng
RT: 10.598 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

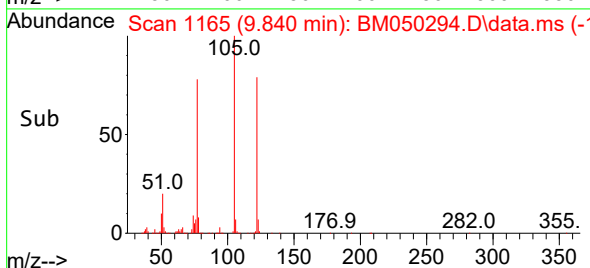
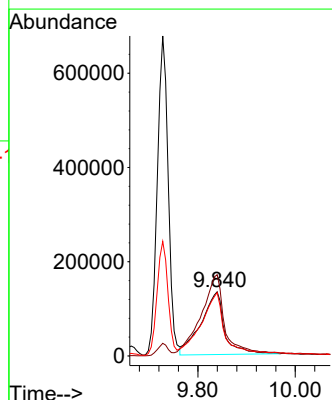
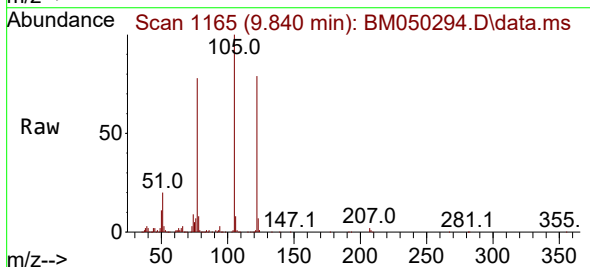
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

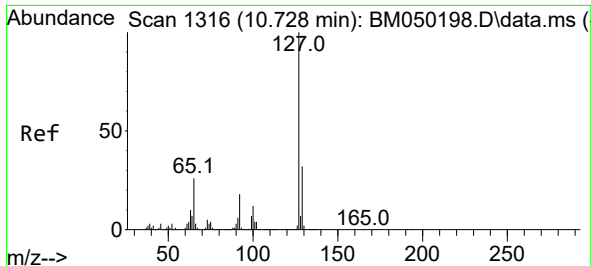
Tgt Ion:128 Resp: 3465404
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.5 10.2 15.4



#32
Benzoic acid
Concen: 26.689 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:122 Resp: 447390
Ion Ratio Lower Upper
122 100
105 126.6 103.4 143.4
77 98.7 70.3 110.3



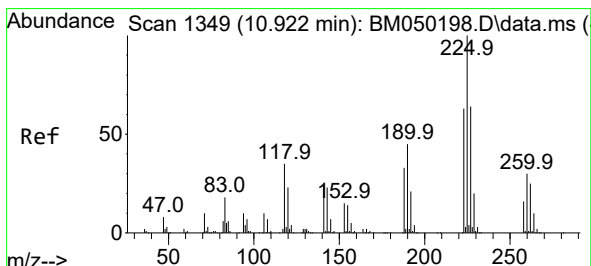
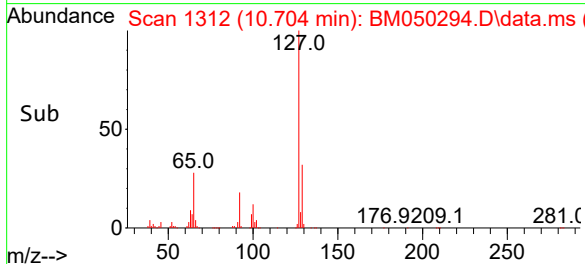
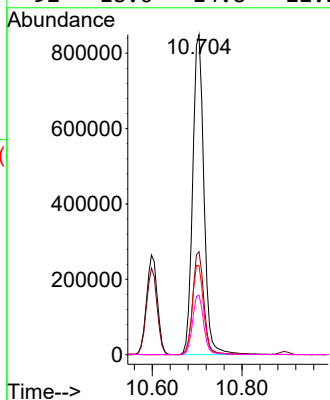
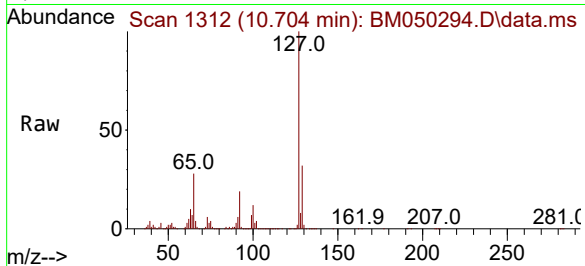


#33
4-Chloroaniline
Concen: 39.037 ng
RT: 10.704 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1479823

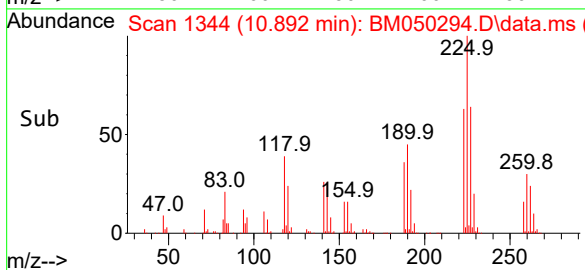
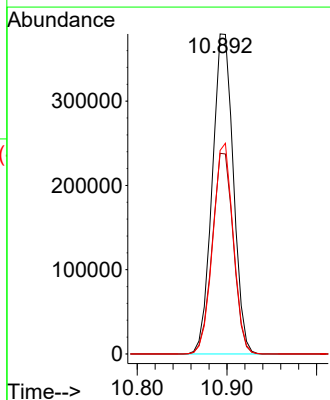
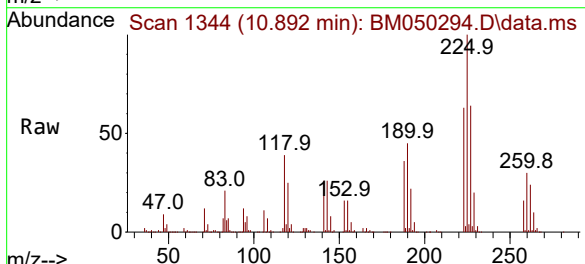
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.0
65	27.8	21.0	31.4
92	18.6	14.8	22.2

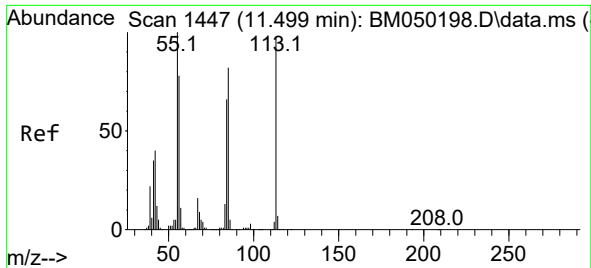


#34
Hexachlorobutadiene
Concen: 37.858 ng
RT: 10.892 min Scan# 1344
Delta R.T. -0.012 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:225 Resp: 618531

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	63.6	51.0	76.4

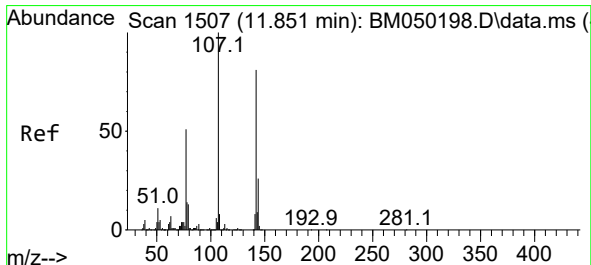
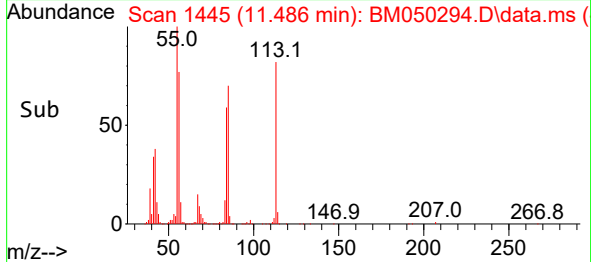
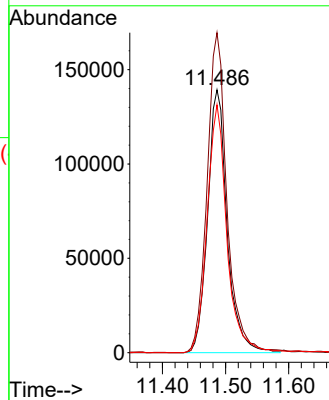
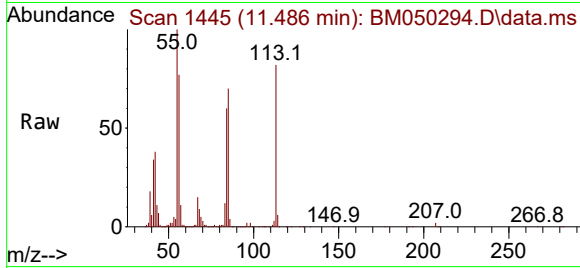




#35
 Caprolactam
 Concen: 38.215 ng
 RT: 11.486 min Scan# 1445
 Delta R.T. 0.006 min
 Lab File: BM050294.D
 Acq: 12 Jun 2025 04:31

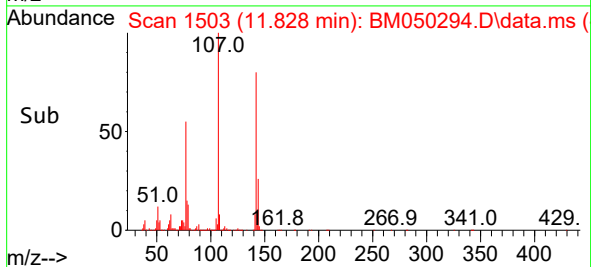
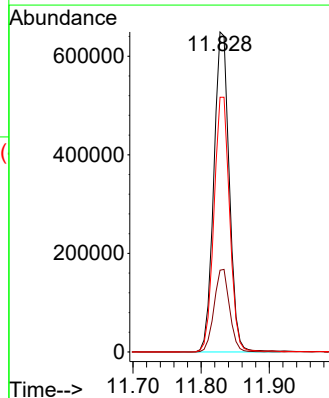
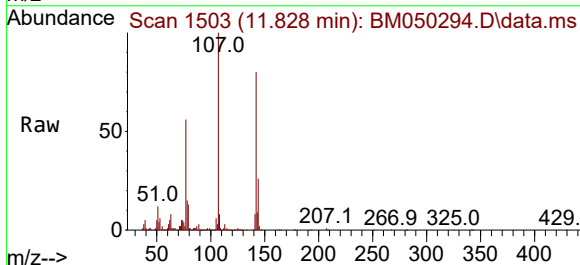
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

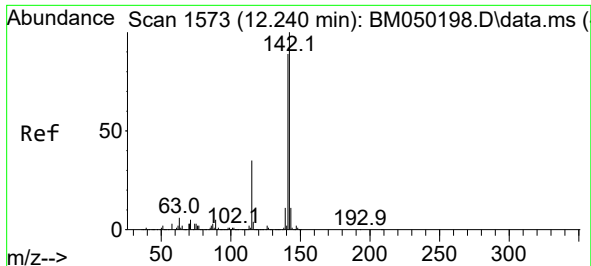
Tgt Ion:113 Resp: 299051
 Ion Ratio Lower Upper
 113 100
 55 121.7 83.5 123.5
 56 94.3 60.6 100.6



#36
 4-Chloro-3-methylphenol
 Concen: 38.968 ng
 RT: 11.828 min Scan# 1503
 Delta R.T. -0.006 min
 Lab File: BM050294.D
 Acq: 12 Jun 2025 04:31

Tgt Ion:107 Resp: 1026359
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.0 31.6
 142 79.6 64.8 97.2





#37

2-Methylnaphthalene

Concen: 38.890 ng

RT: 12.216 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

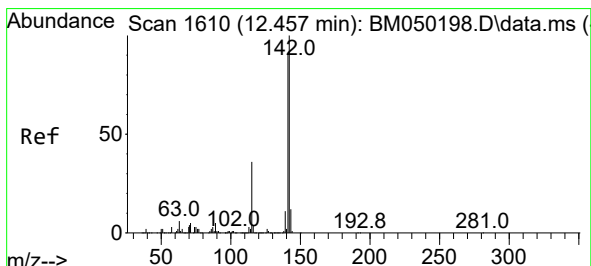
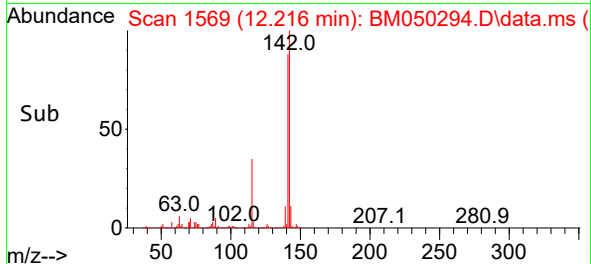
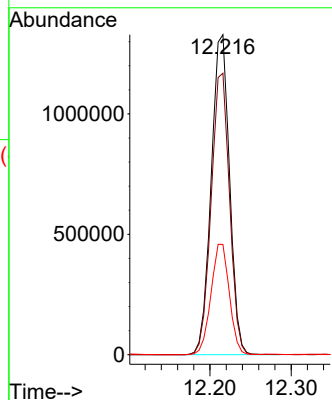
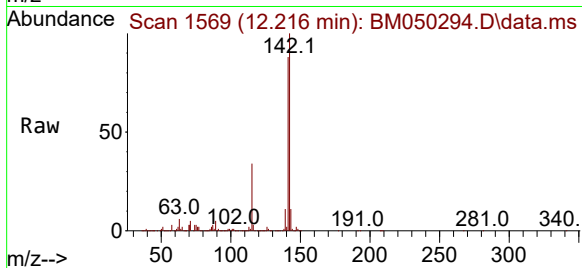
Tgt Ion:142 Resp: 2086108

Ion Ratio Lower Upper

142 100

141 87.9 71.5 107.3

115 34.5 27.8 41.8



#38

1-Methylnaphthalene

Concen: 38.652 ng

RT: 12.433 min Scan# 1606

Delta R.T. -0.006 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

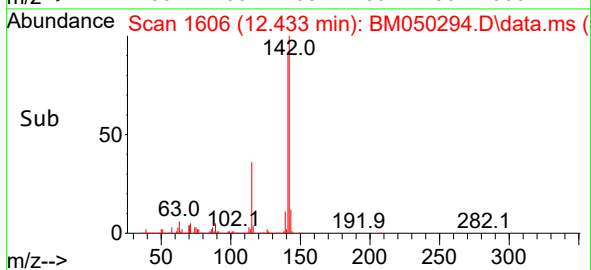
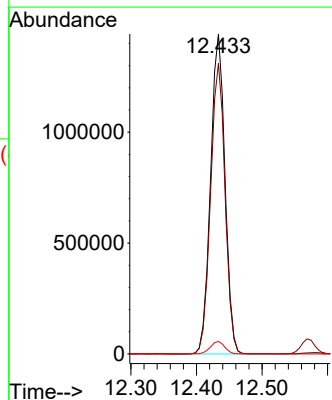
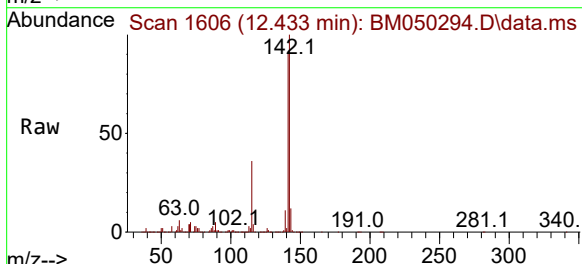
Tgt Ion:142 Resp: 2200590

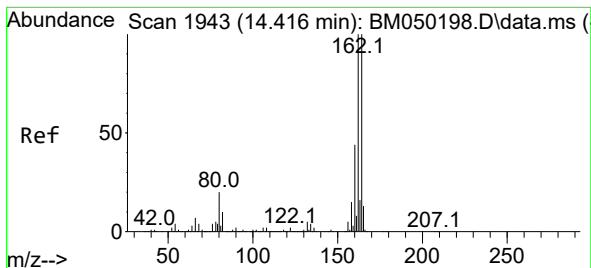
Ion Ratio Lower Upper

142 100

141 90.8 72.9 109.3

116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

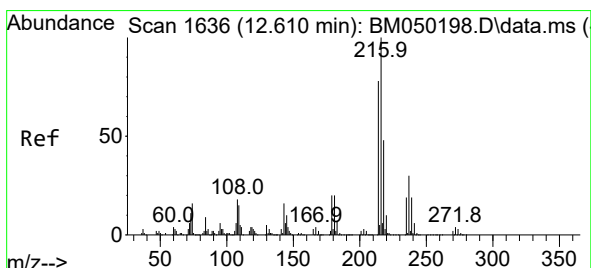
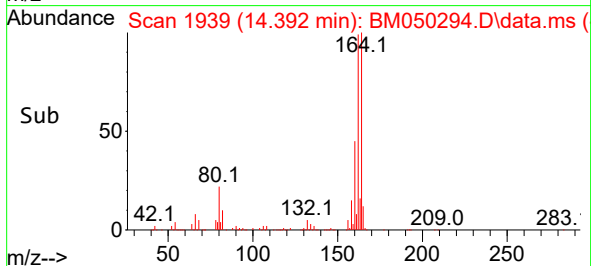
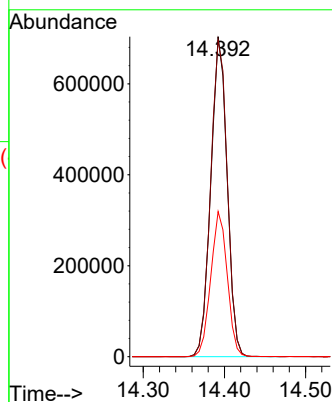
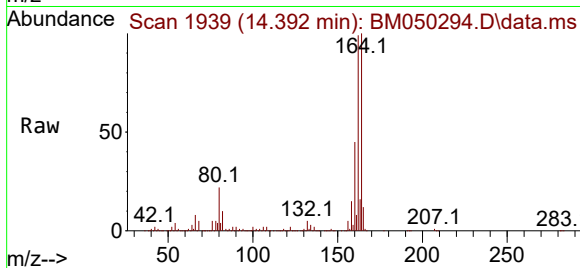
Tgt Ion:164 Resp: 980072

Ion Ratio Lower Upper

164 100

162 99.0 80.2 120.4

160 45.4 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.891 ng

RT: 12.581 min Scan# 1631

Delta R.T. -0.006 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

Tgt Ion:216 Resp: 1128930

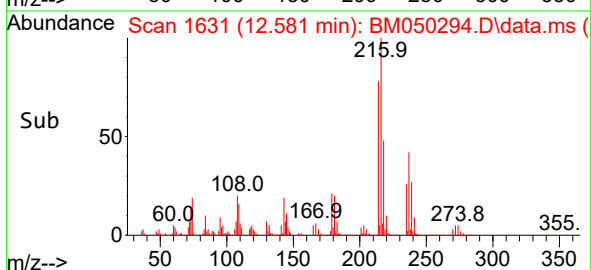
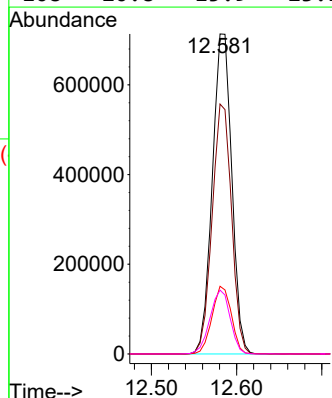
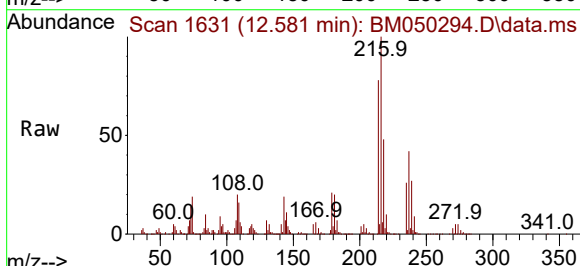
Ion Ratio Lower Upper

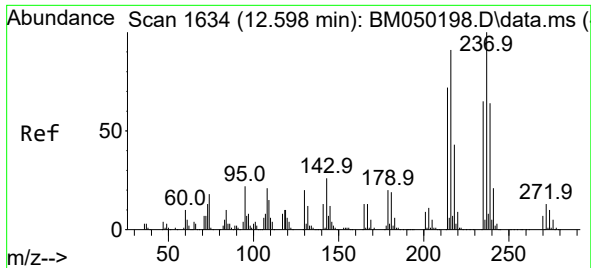
216 100

214 77.9 63.0 94.4

179 21.0 16.6 25.0

108 20.8 15.9 23.9

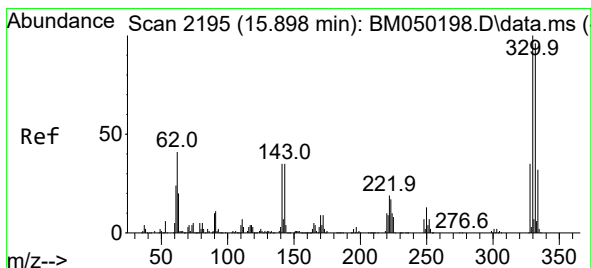
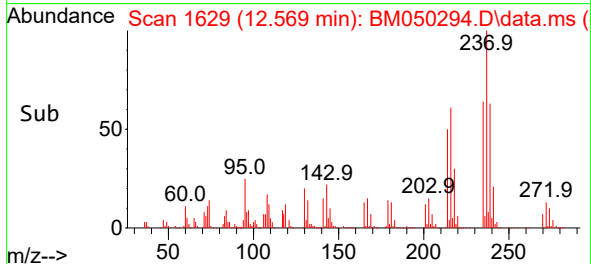
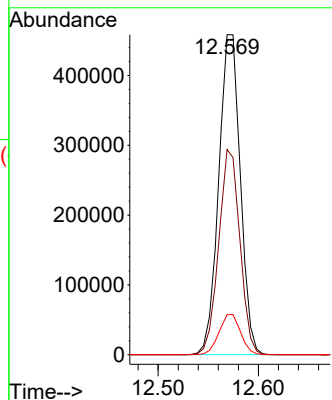
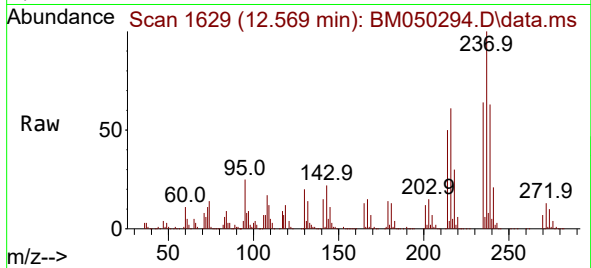




#41
Hexachlorocyclopentadiene
Concen: 39.886 ng
RT: 12.569 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

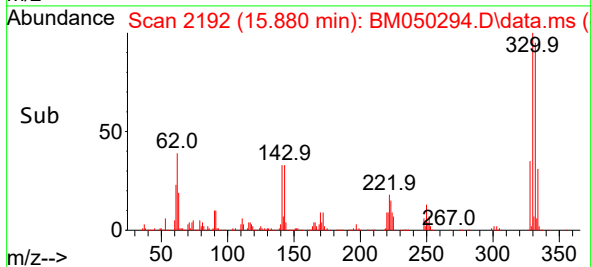
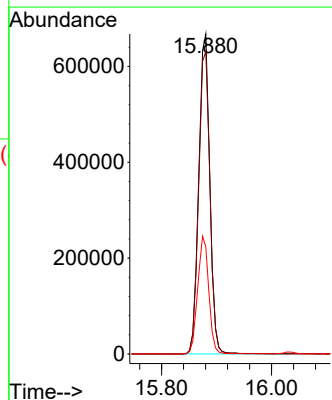
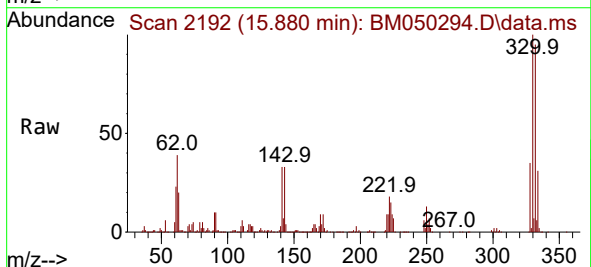
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

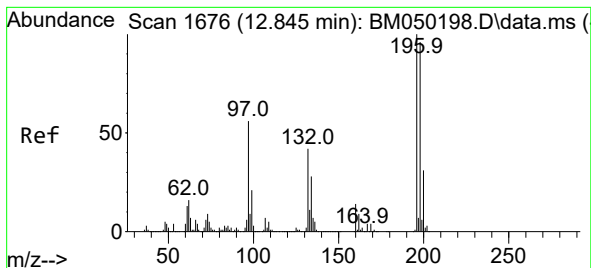
Tgt Ion:237 Resp: 685516
Ion Ratio Lower Upper
237 100
235 64.1 44.6 84.6
272 12.5 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 83.963 ng
RT: 15.880 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:330 Resp: 935993
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 36.7 28.8 43.2

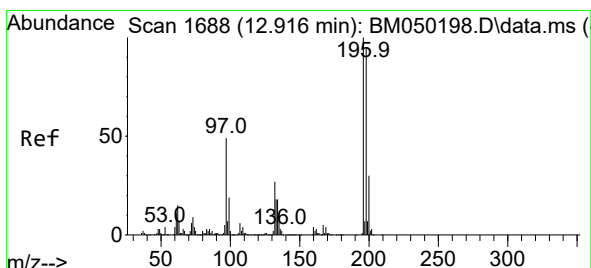
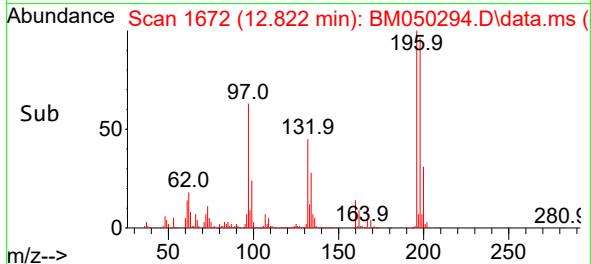
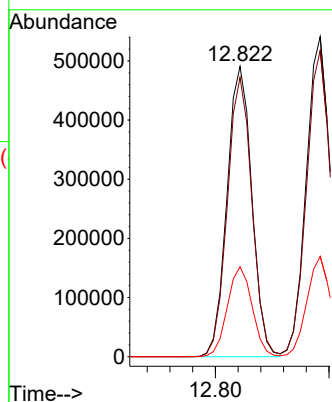
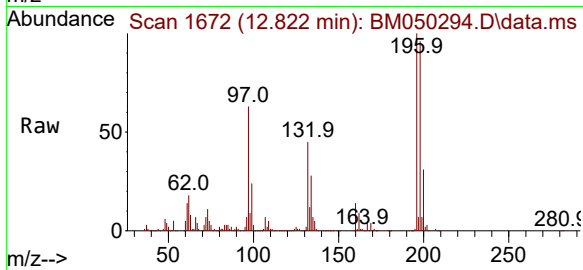




#43
2,4,6-Trichlorophenol
Concen: 40.067 ng
RT: 12.822 min Scan# 1672
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

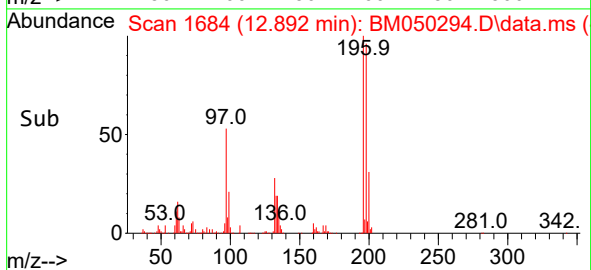
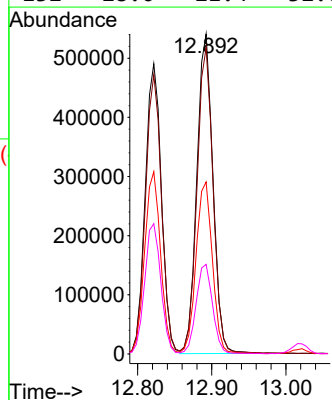
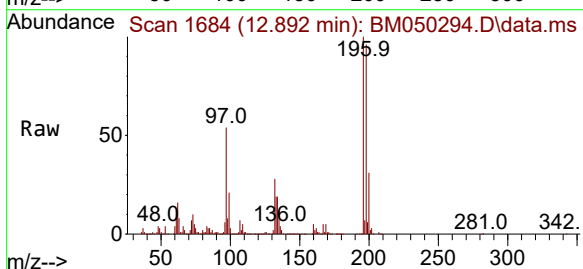
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

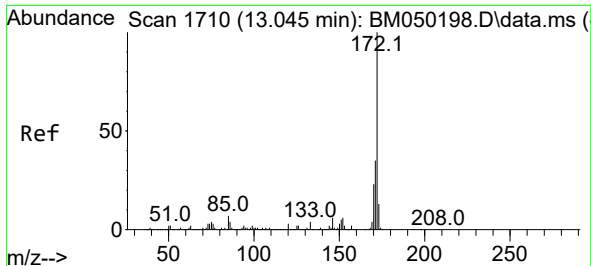
Tgt Ion:196 Resp: 745681
Ion Ratio Lower Upper
196 100
198 96.2 76.6 115.0
200 31.0 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 39.954 ng
RT: 12.892 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:196 Resp: 816412
Ion Ratio Lower Upper
196 100
198 95.7 76.1 114.1
97 53.8 39.3 58.9
132 28.0 21.4 32.0

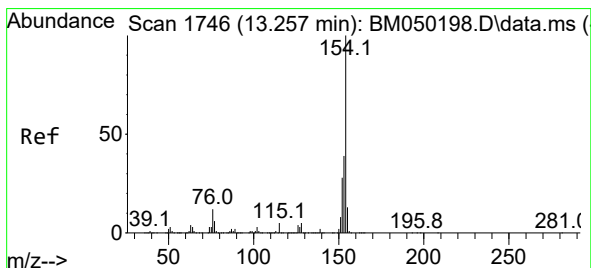
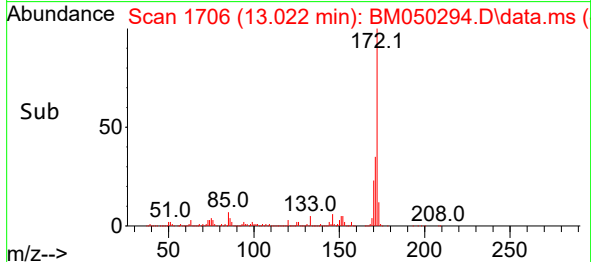
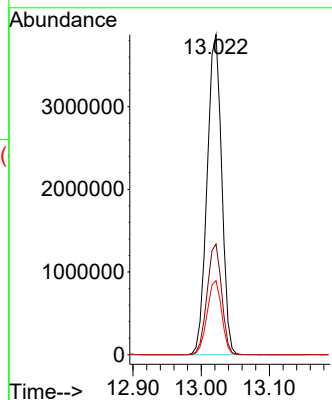
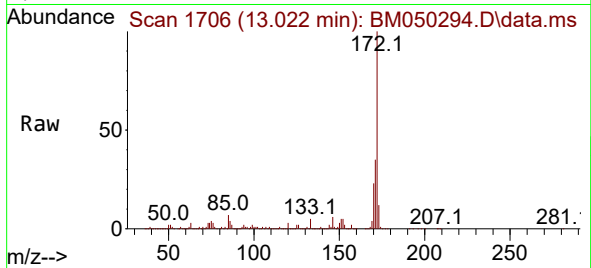




#45
2-Fluorobiphenyl
Concen: 79.573 ng
RT: 13.022 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

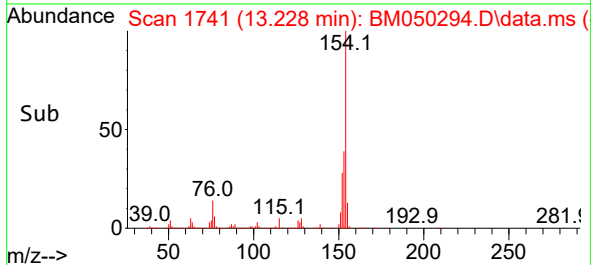
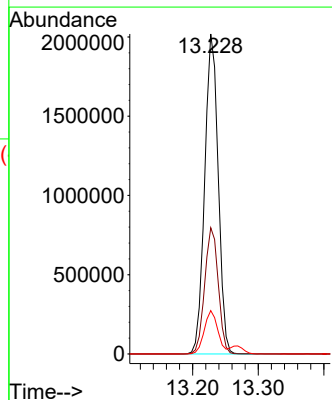
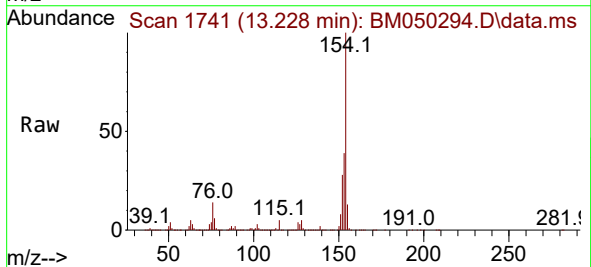
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

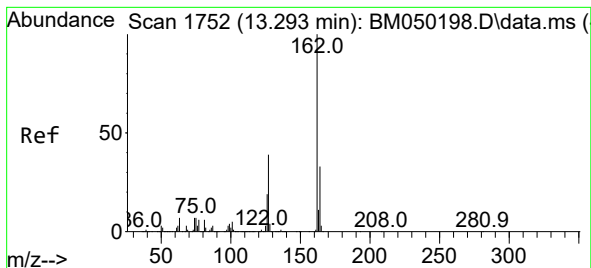
Tgt Ion:172 Resp: 5760411
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.6 27.8



#46
1,1'-Biphenyl
Concen: 39.474 ng
RT: 13.228 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:154 Resp: 2896871
Ion Ratio Lower Upper
154 100
153 39.5 19.2 59.2
76 13.6 0.0 32.0





#47

2-Chloronaphthalene

Concen: 39.607 ng

RT: 13.269 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

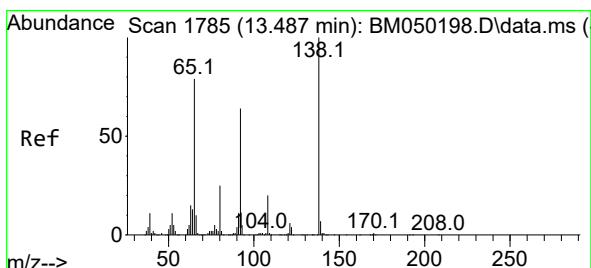
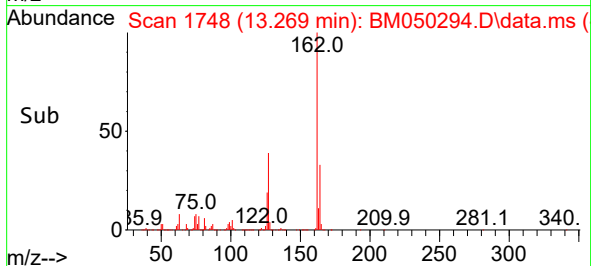
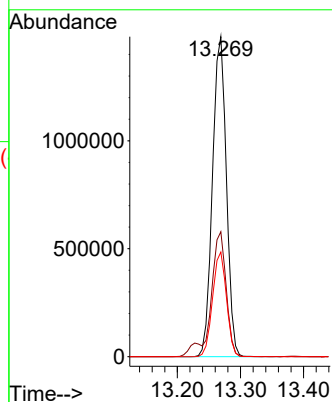
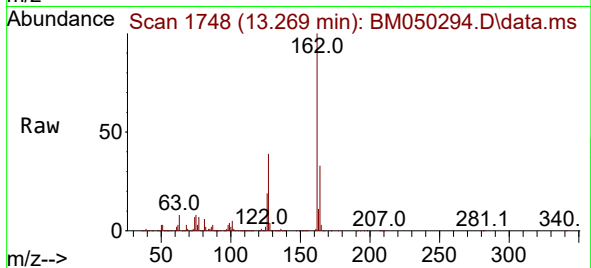
Tgt Ion:162 Resp: 2259721

Ion Ratio Lower Upper

162 100

127 39.1 31.1 46.7

164 32.7 26.5 39.7



#48

2-Nitroaniline

Concen: 46.487 ng

RT: 13.463 min Scan# 1781

Delta R.T. -0.006 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

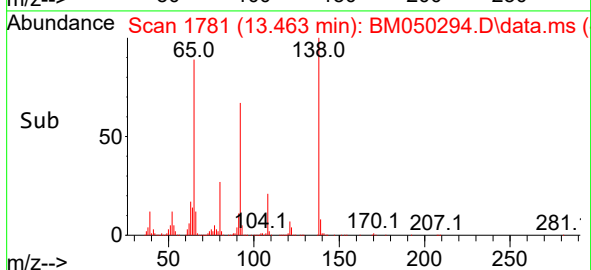
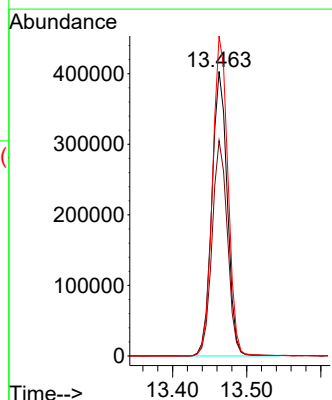
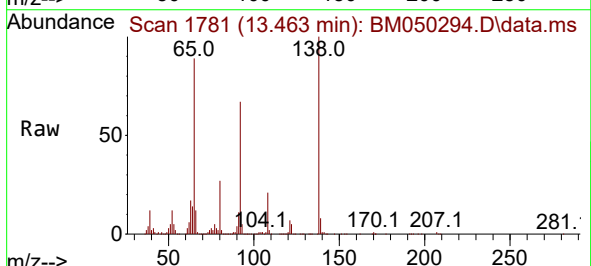
Tgt Ion: 65 Resp: 583662

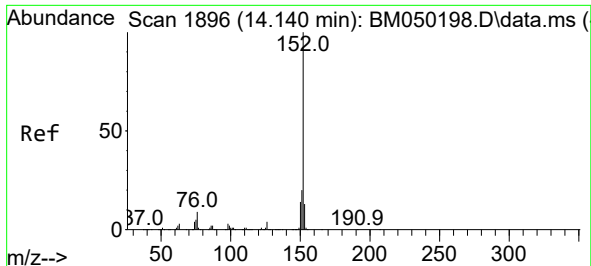
Ion Ratio Lower Upper

65 100

92 75.7 64.2 96.4

138 112.5 101.0 151.4

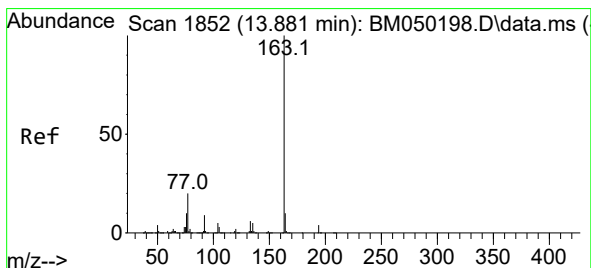
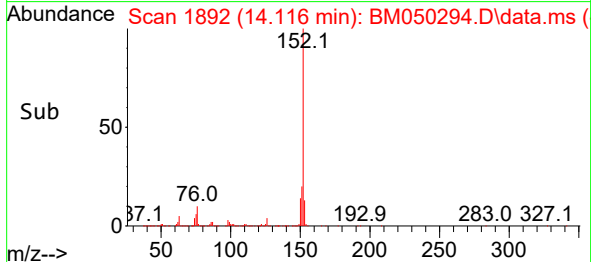
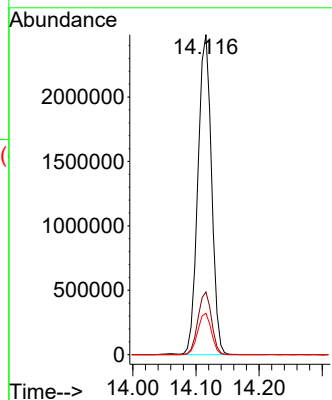
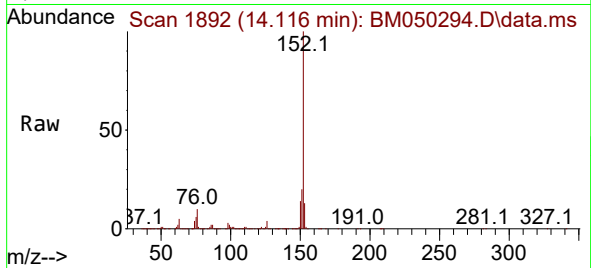




#49
Acenaphthylene
Concen: 40.140 ng
RT: 14.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

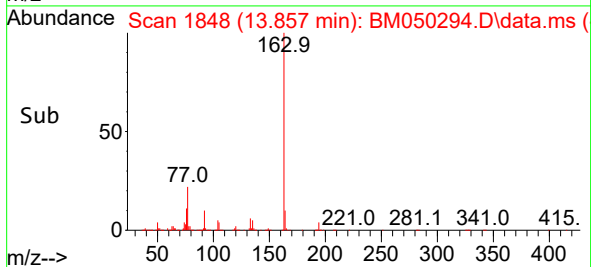
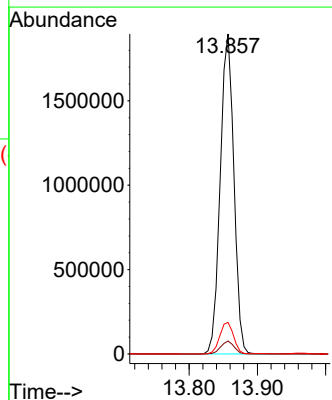
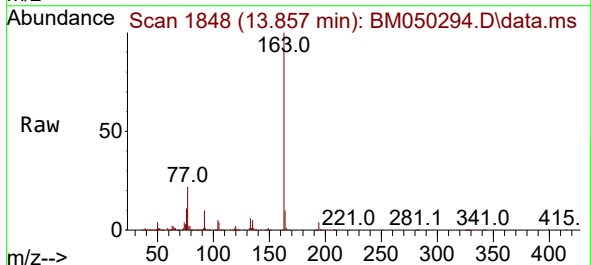
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

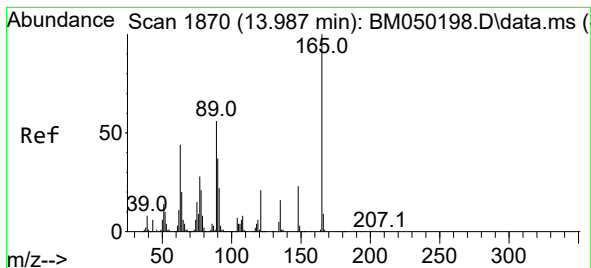
Tgt Ion:152 Resp: 3704150
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 39.826 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:163 Resp: 2639763
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.9 7.9 11.9

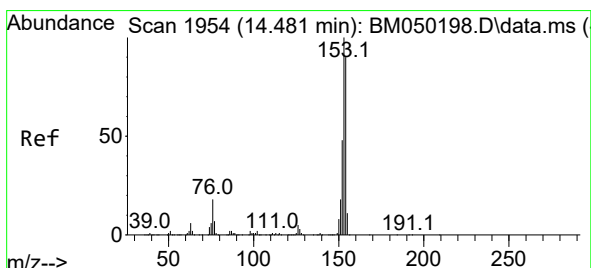
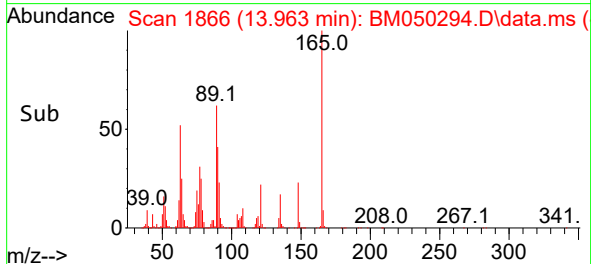
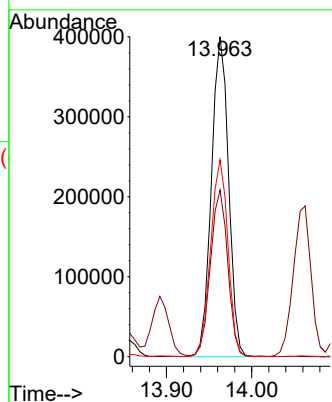
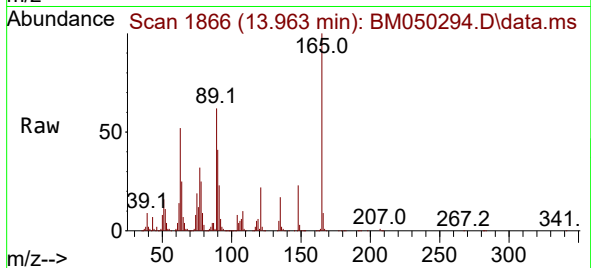




#51
2,6-Dinitrotoluene
Concen: 41.715 ng
RT: 13.963 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

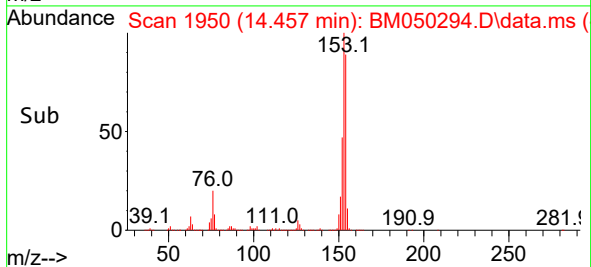
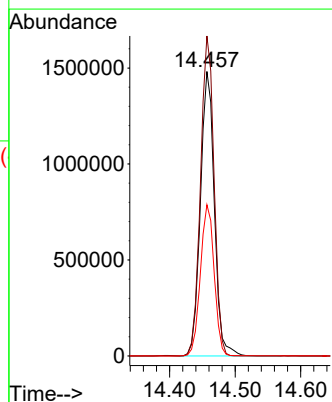
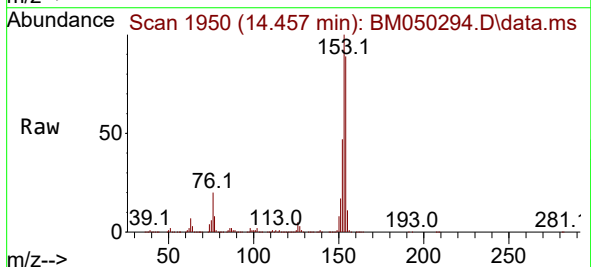
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

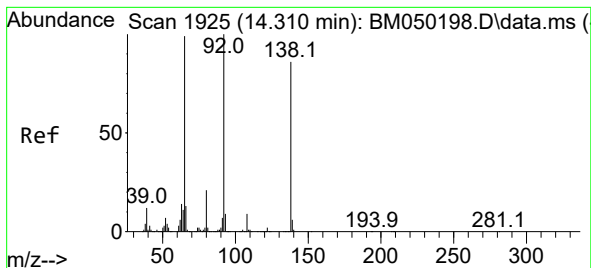
Tgt Ion:165 Resp: 557598
Ion Ratio Lower Upper
165 100
63 52.1 35.8 53.6
89 61.6 44.8 67.2



#52
Acenaphthene
Concen: 37.945 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:154 Resp: 2190170
Ion Ratio Lower Upper
154 100
153 112.5 88.7 133.1
152 53.1 42.6 63.8

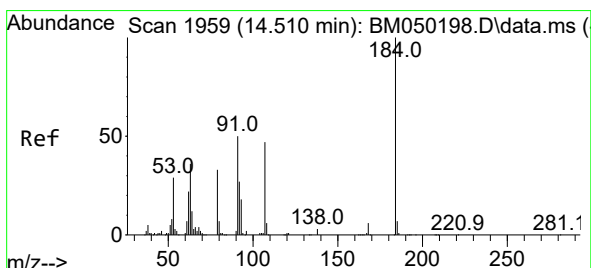
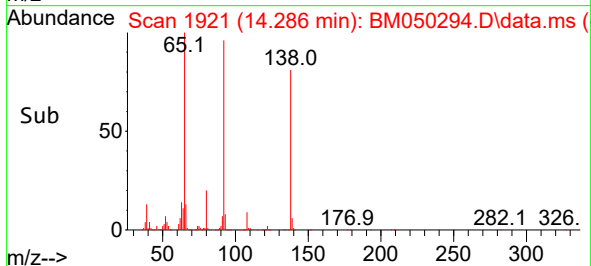
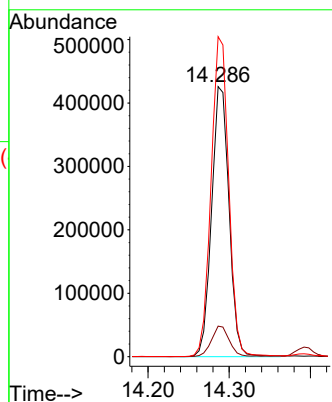
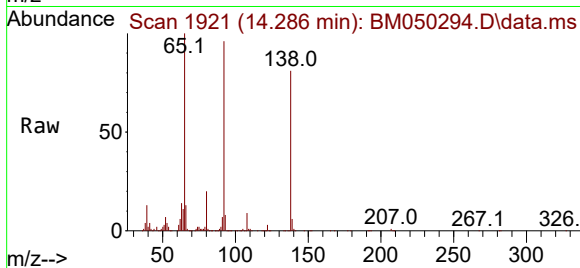




#53
3-Nitroaniline
Concen: 42.646 ng
RT: 14.286 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

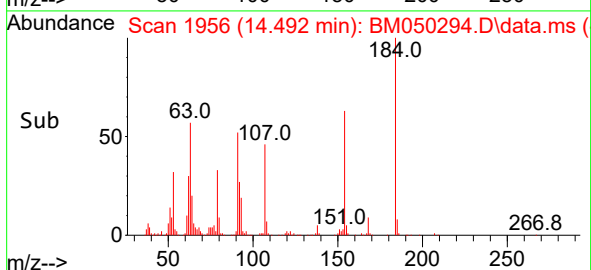
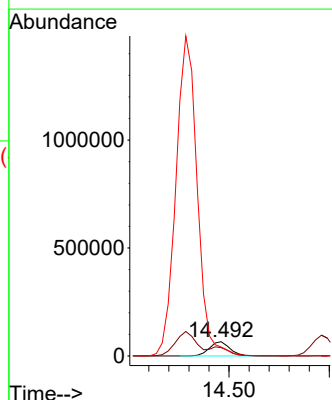
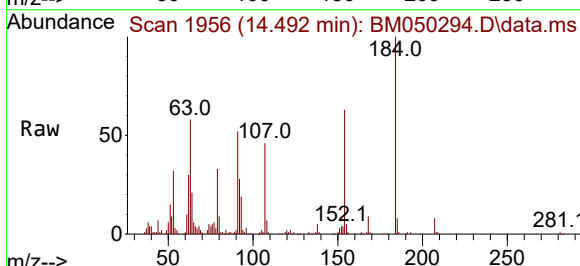
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

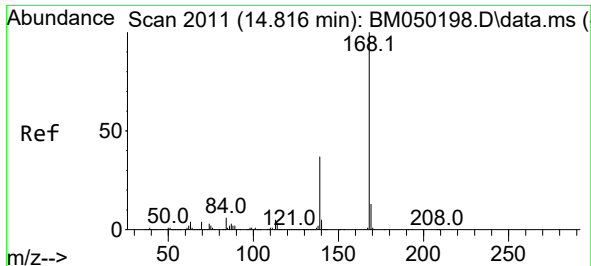
Tgt Ion:138 Resp: 635321
Ion Ratio Lower Upper
138 100
108 11.3 8.8 13.2
92 118.5 92.9 139.3



#54
2,4-Dinitrophenol
Concen: 15.700 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:184 Resp: 94849
Ion Ratio Lower Upper
184 100
63 58.3 45.3 67.9
154 63.2 54.3 81.5

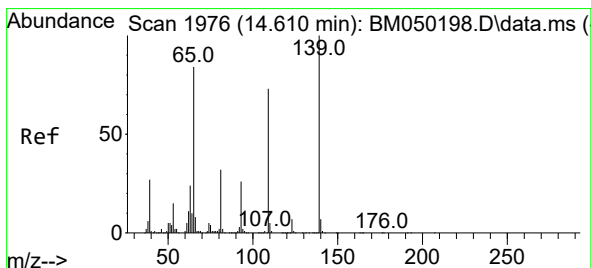
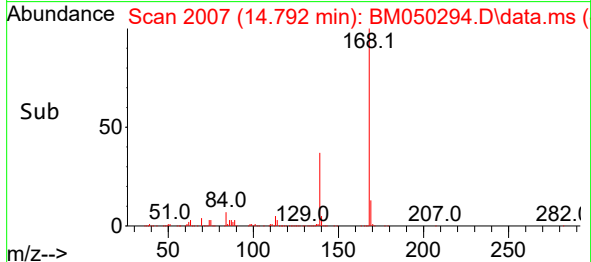
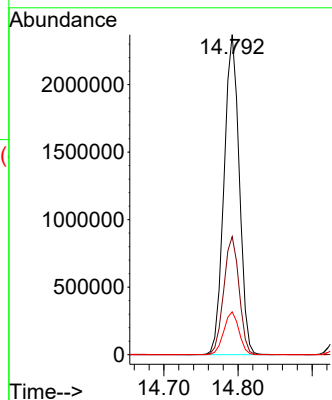
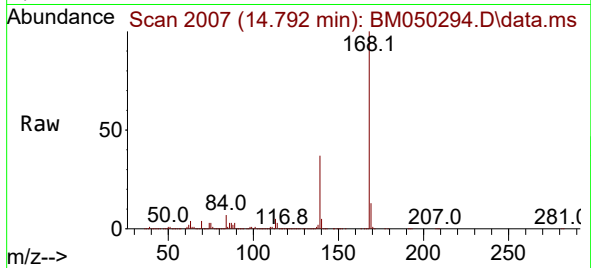




#55
Dibenzenofuran
Concen: 40.013 ng
RT: 14.792 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

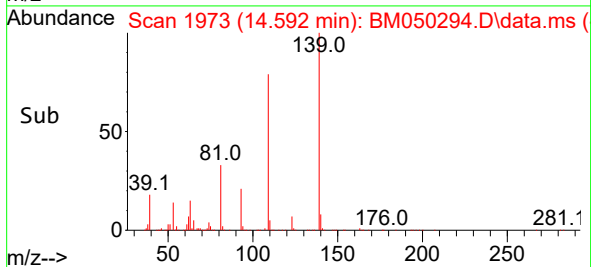
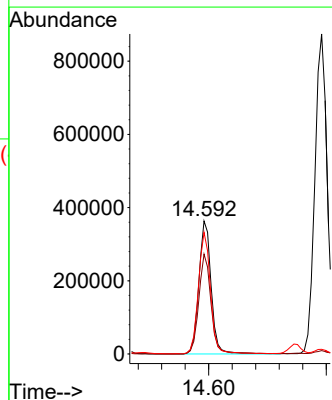
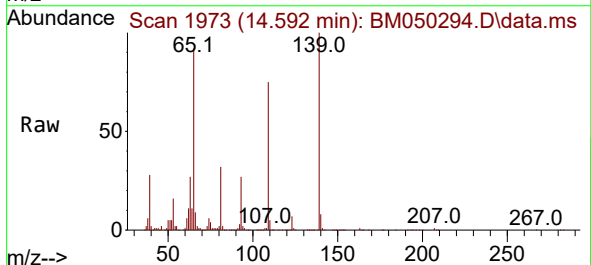
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

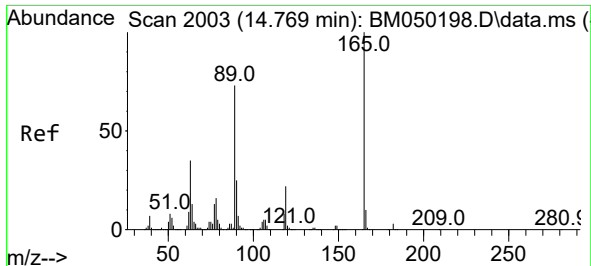
Tgt Ion:168 Resp: 3378810
Ion Ratio Lower Upper
168 100
139 36.9 29.9 44.9
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 41.526 ng
RT: 14.592 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:139 Resp: 526535
Ion Ratio Lower Upper
139 100
109 75.2 52.6 92.6
65 91.5 64.3 104.3





#57

2,4-Dinitrotoluene

Concen: 42.966 ng

RT: 14.745 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 757615

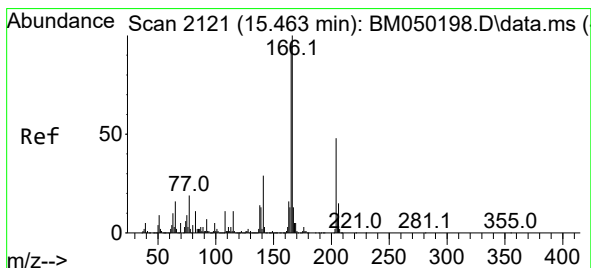
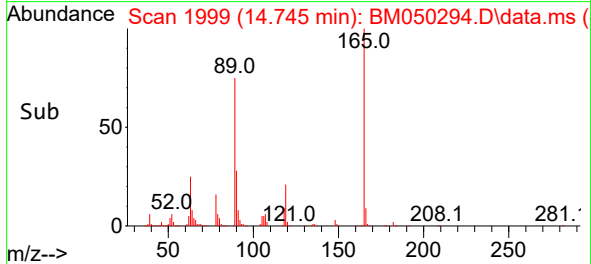
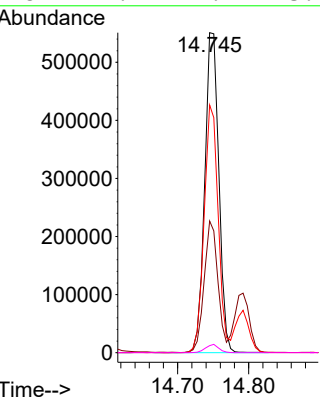
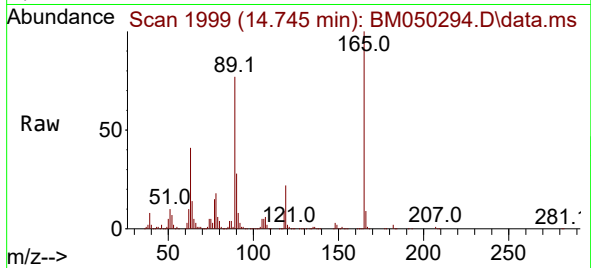
Ion Ratio Lower Upper

165 100

63 41.1 28.4 42.6

89 77.4 58.0 87.0

182 2.2 2.2 3.2



#58

Fluorene

Concen: 40.421 ng

RT: 15.439 min Scan# 2117

Delta R.T. -0.006 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

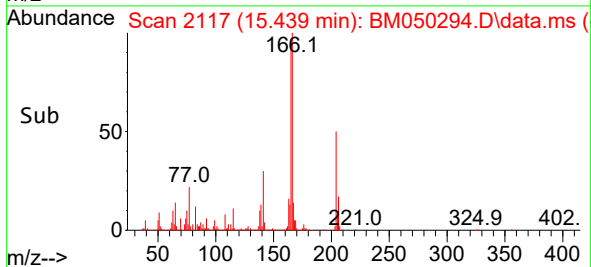
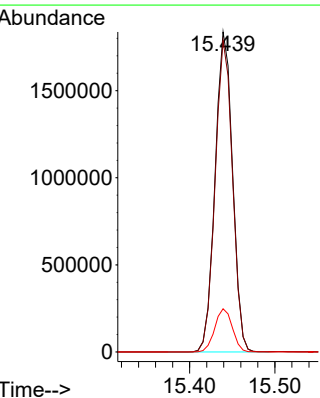
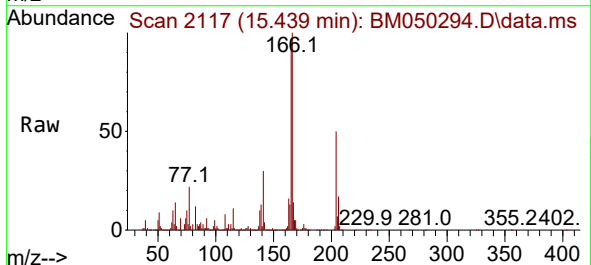
Tgt Ion:166 Resp: 2614269

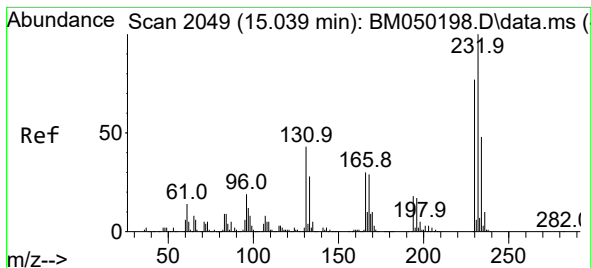
Ion Ratio Lower Upper

166 100

165 97.3 77.0 115.4

167 13.5 10.7 16.1

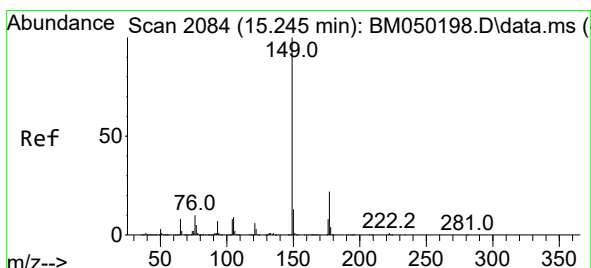
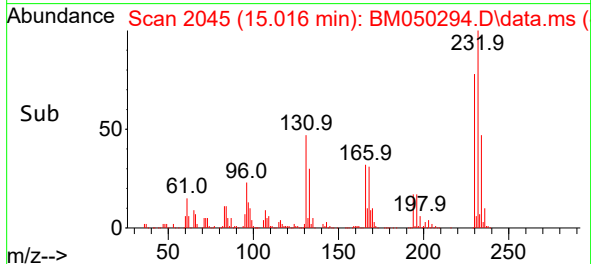
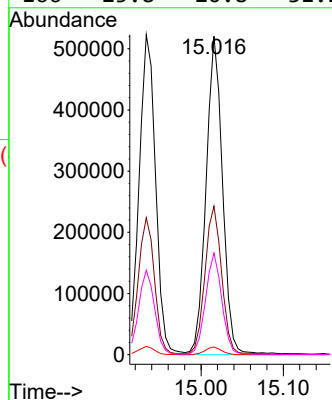
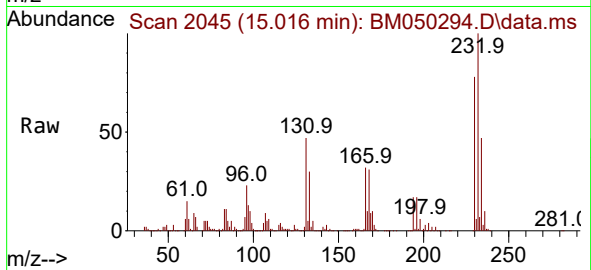




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.106 ng m
RT: 15.016 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

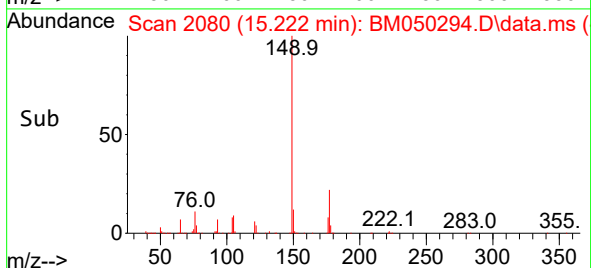
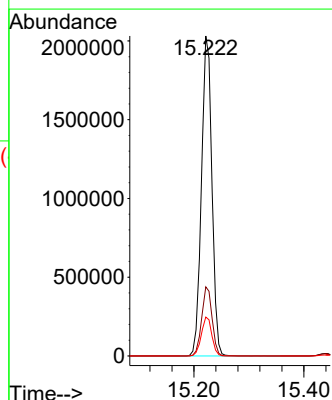
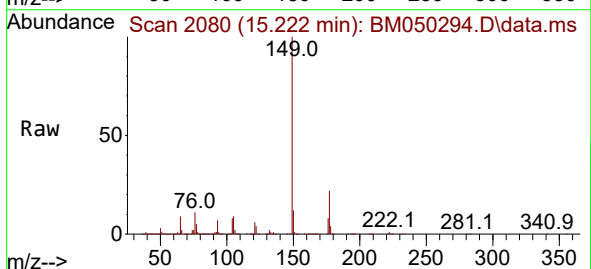
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

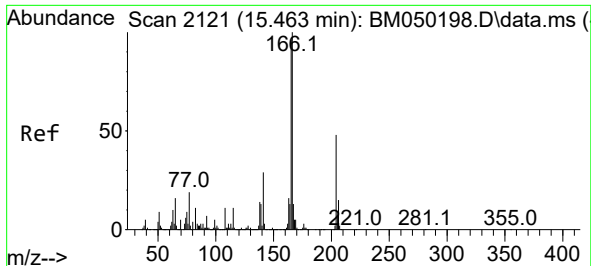
Tgt Ion:232 Resp: 726707
Ion Ratio Lower Upper
232 100
131 42.4 32.9 49.3
130 2.5 1.8 2.8
166 25.8 20.8 31.2



#60
Diethylphthalate
Concen: 40.848 ng
RT: 15.222 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:149 Resp: 2686385
Ion Ratio Lower Upper
149 100
177 21.6 17.2 25.8
150 12.2 10.0 15.0

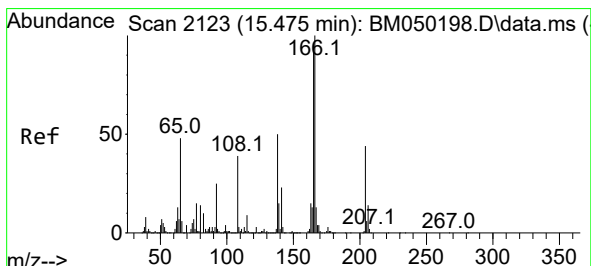
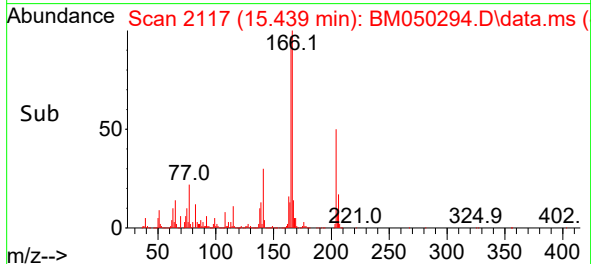
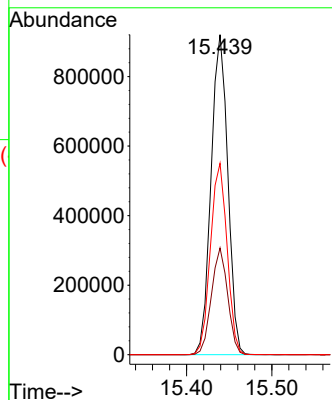
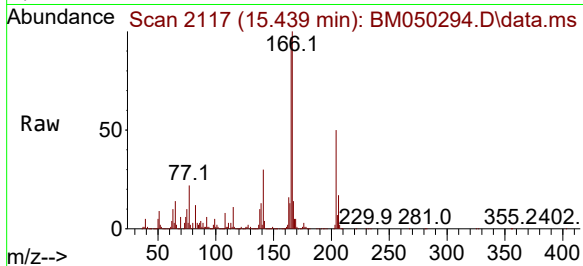




#61
4-Chlorophenyl-phenylether
Concen: 40.184 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

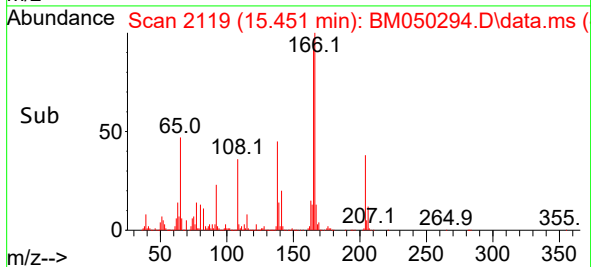
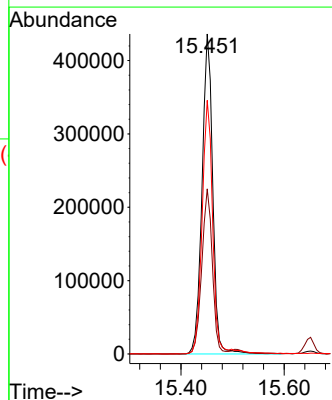
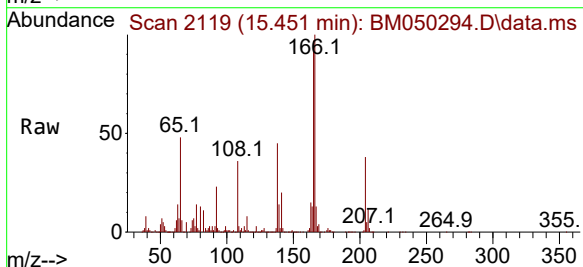
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

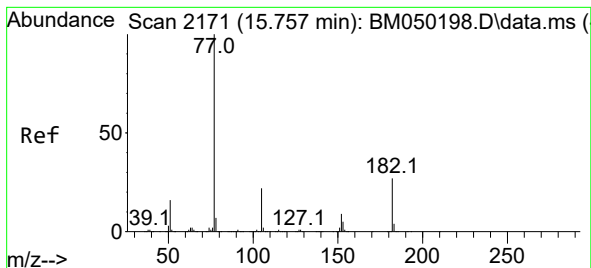
Tgt Ion:204 Resp: 1256083
Ion Ratio Lower Upper
204 100
206 33.3 25.4 38.0
141 59.8 47.9 71.9



#62
4-Nitroaniline
Concen: 45.016 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:138 Resp: 628549
Ion Ratio Lower Upper
138 100
92 51.6 28.8 68.8
108 79.3 58.1 98.1





#63

Azobenzene

Concen: 42.585 ng

RT: 15.733 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 2799249

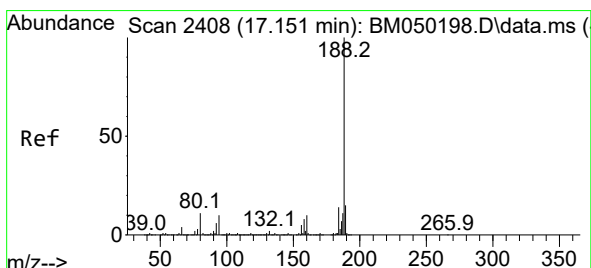
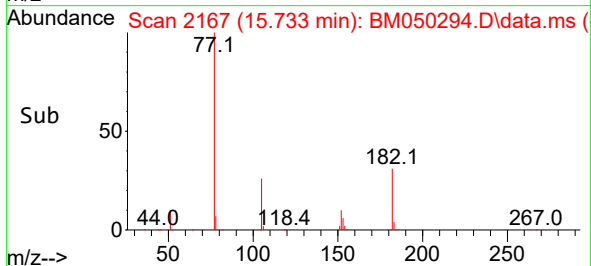
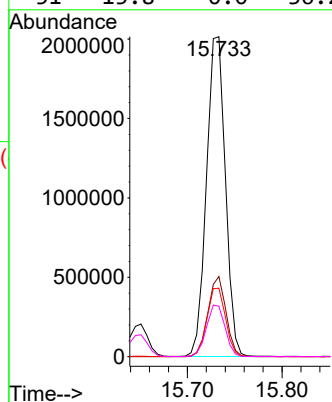
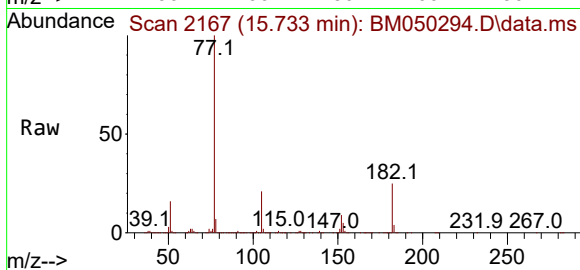
Ion Ratio Lower Upper

77 100

182 25.0 6.8 46.8

105 21.4 1.7 41.7

51 15.8 0.0 36.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.133 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

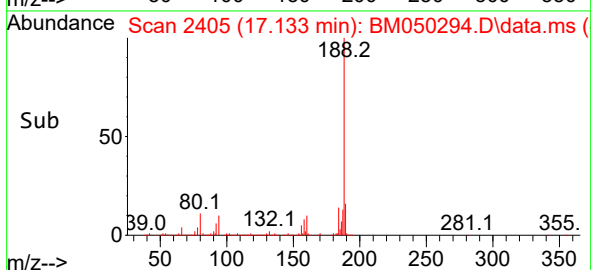
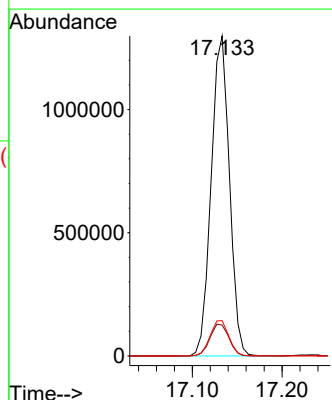
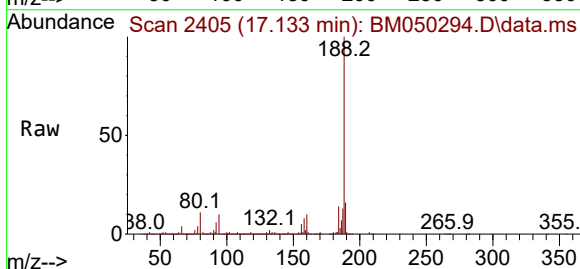
Tgt Ion:188 Resp: 1834301

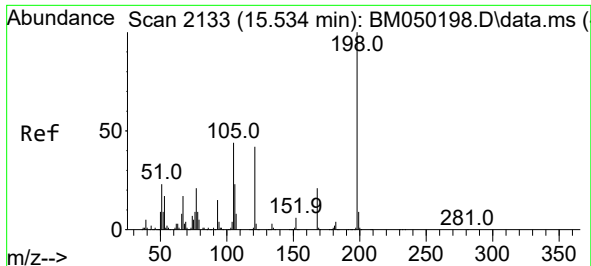
Ion Ratio Lower Upper

188 100

94 9.7 8.1 12.1

80 11.1 8.6 13.0

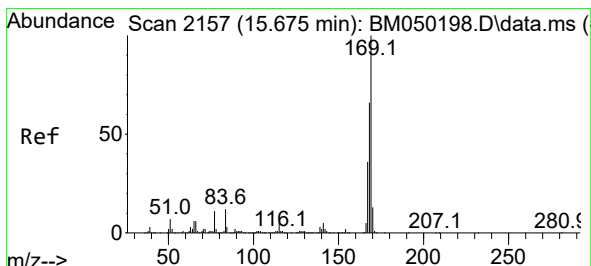
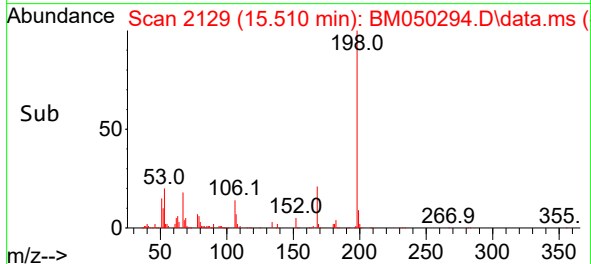
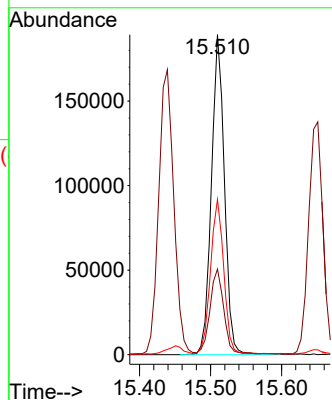
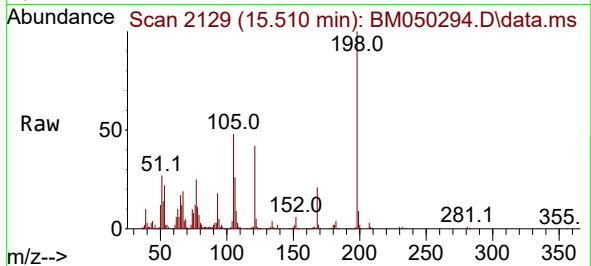




#65
4,6-Dinitro-2-methylphenol
Concen: 24.167 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

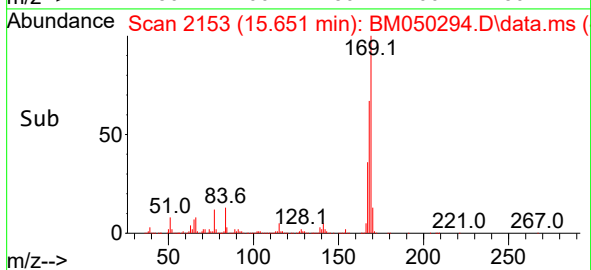
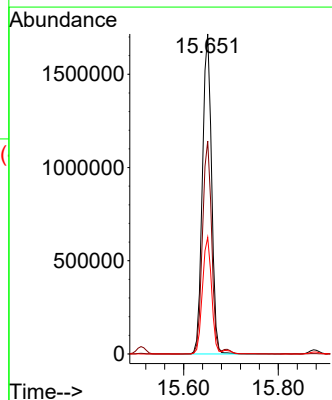
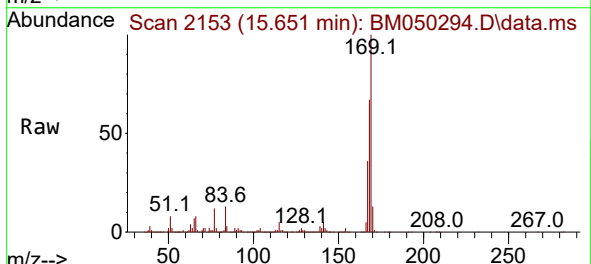
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

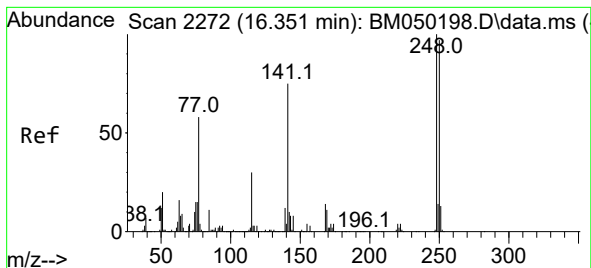
Tgt Ion:198 Resp: 242118
Ion Ratio Lower Upper
198 100
51 26.7 4.5 44.5
105 48.5 24.9 64.9



#66
n-Nitrosodiphenylamine
Concen: 39.863 ng
RT: 15.651 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:169 Resp: 2297493
Ion Ratio Lower Upper
169 100
168 66.6 53.1 79.7
167 36.4 29.0 43.6

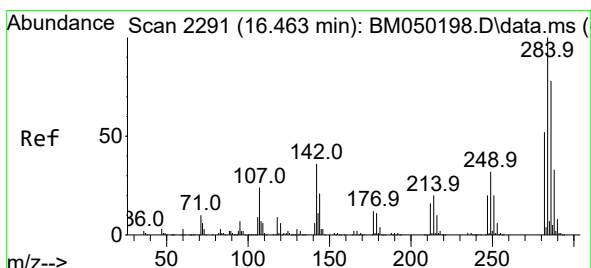
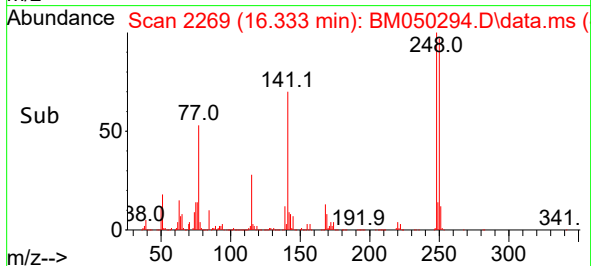
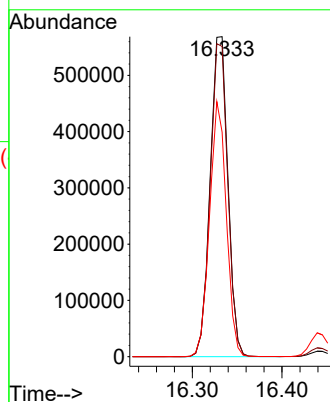
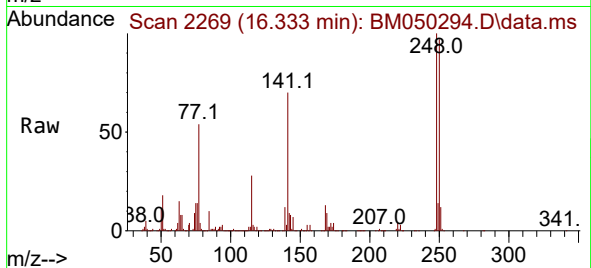




#67
4-Bromophenyl-phenylether
Concen: 39.937 ng
RT: 16.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

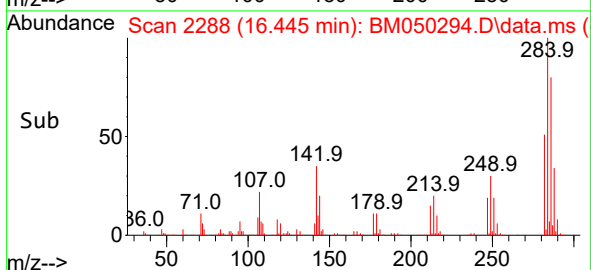
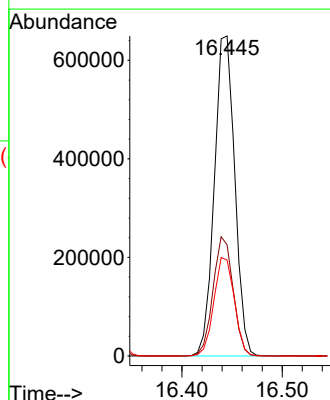
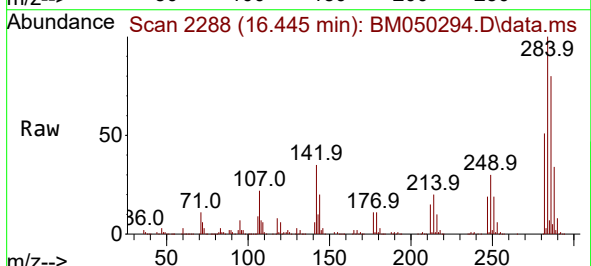
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

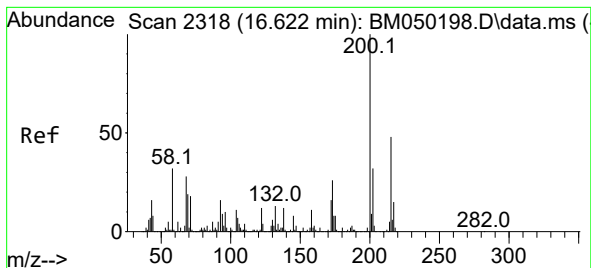
Tgt Ion:248 Resp: 781191
Ion Ratio Lower Upper
248 100
250 96.9 78.0 117.0
141 70.1 60.1 90.1



#68
Hexachlorobenzene
Concen: 40.121 ng
RT: 16.445 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:284 Resp: 916924
Ion Ratio Lower Upper
284 100
142 34.8 28.8 43.2
249 30.0 25.8 38.6





#69

Atrazine

Concen: 41.184 ng

RT: 16.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

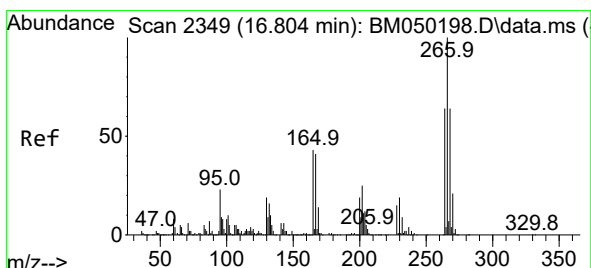
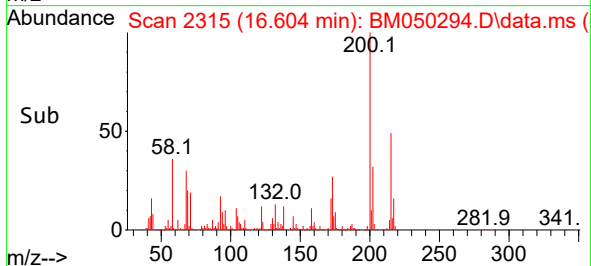
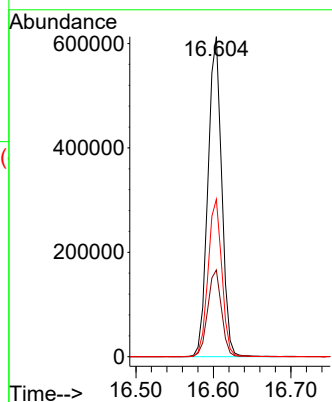
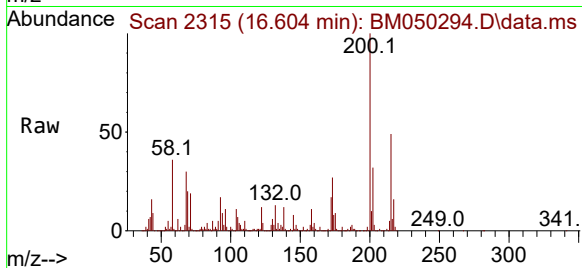
Tgt Ion:200 Resp: 756312

Ion Ratio Lower Upper

200 100

173 27.1 6.0 46.0

215 49.2 28.1 68.1



#70

Pentachlorophenol

Concen: 42.836 ng

RT: 16.780 min Scan# 2345

Delta R.T. -0.006 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

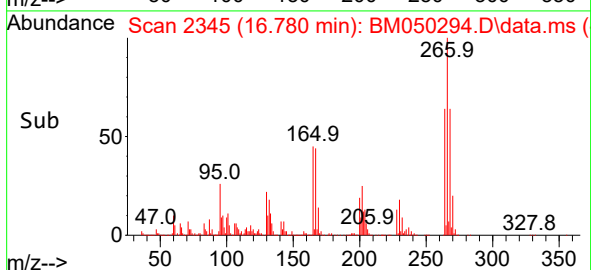
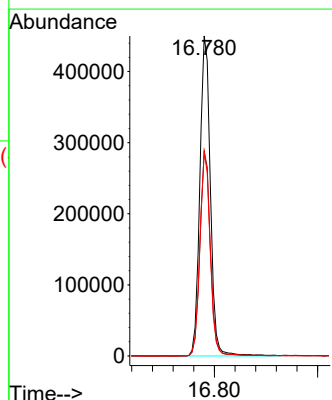
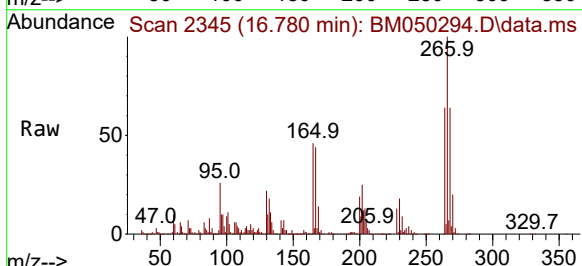
Tgt Ion:266 Resp: 636473

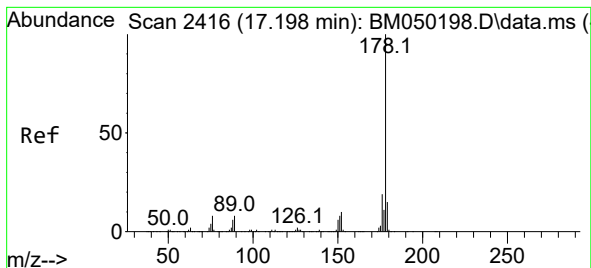
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

264 63.7 50.8 76.2





#71

Phenanthrene

Concen: 40.058 ng

RT: 17.174 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

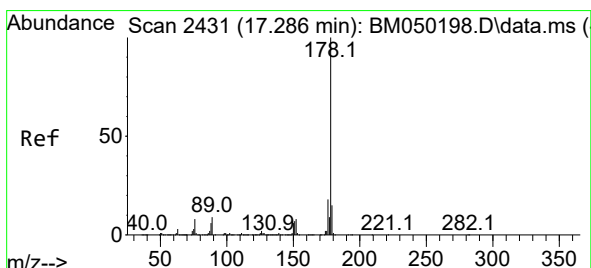
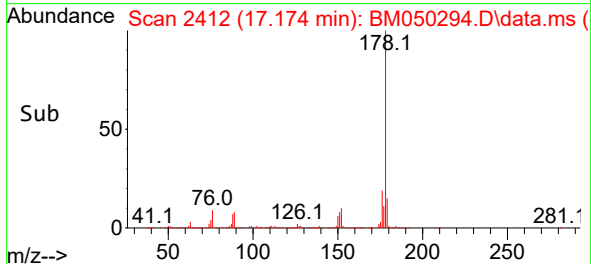
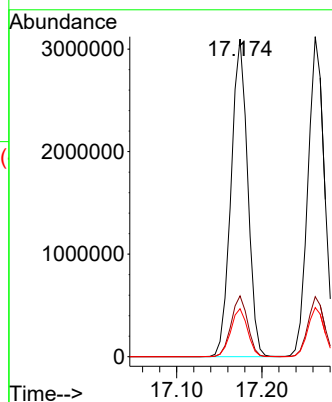
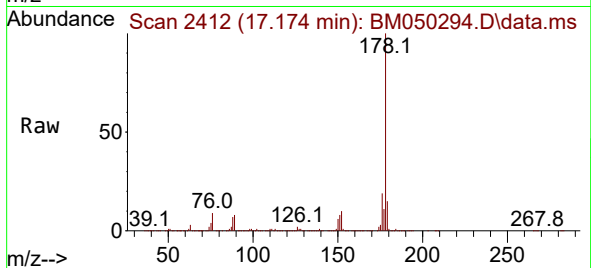
Tgt Ion:178 Resp: 4197547

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

179 15.1 12.3 18.5



#72

Anthracene

Concen: 40.290 ng

RT: 17.263 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

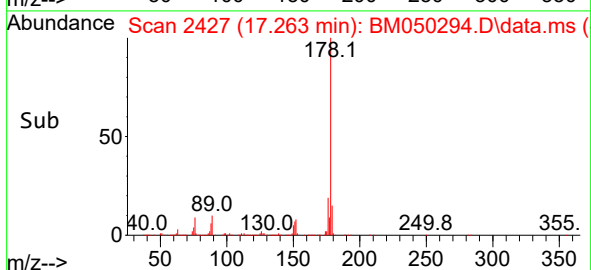
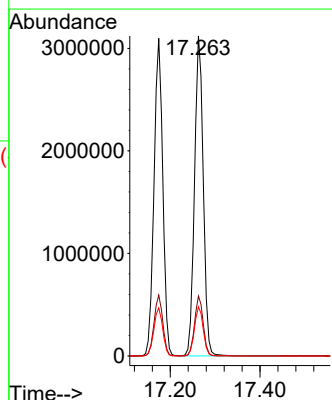
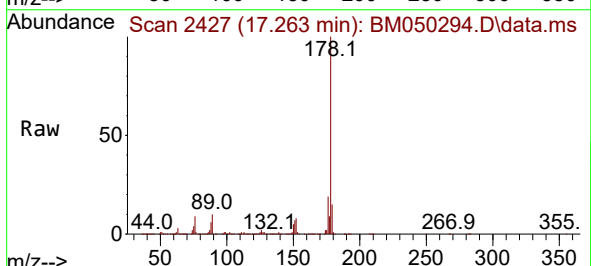
Tgt Ion:178 Resp: 4223559

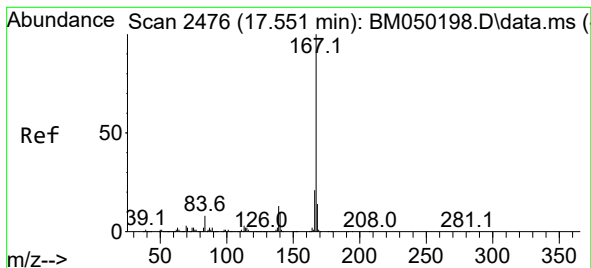
Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

179 15.3 12.3 18.5





#73

Carbazole

Concen: 41.318 ng

RT: 17.527 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

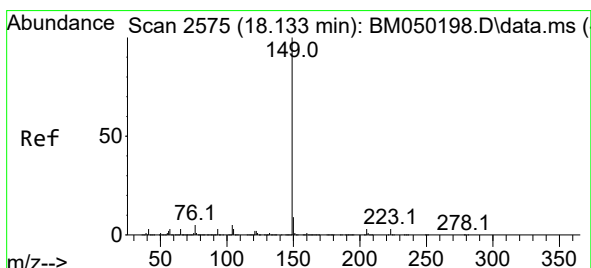
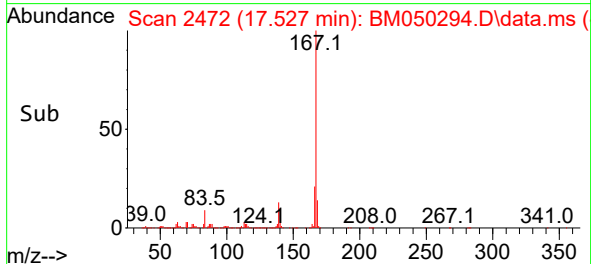
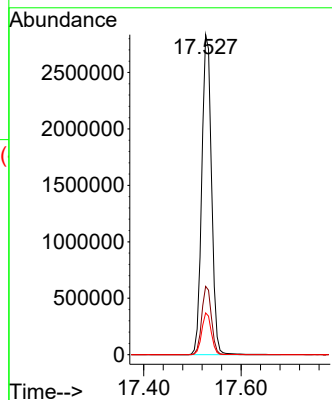
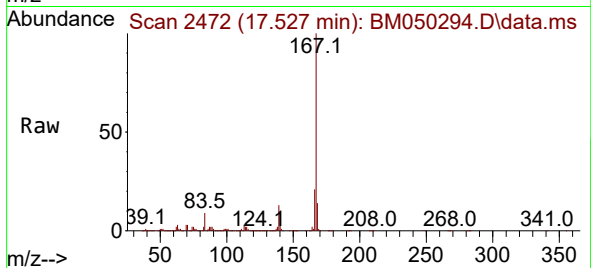
Tgt Ion:167 Resp: 3945955

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

139 13.0 10.2 15.4



#74

Di-n-butylphthalate

Concen: 43.558 ng

RT: 18.110 min Scan# 2571

Delta R.T. -0.006 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

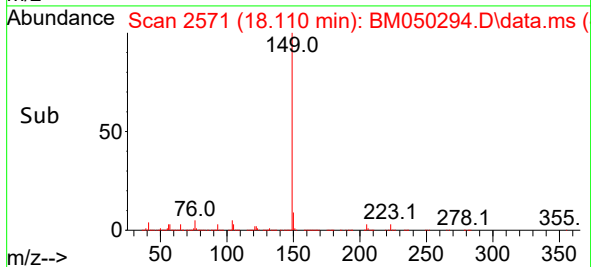
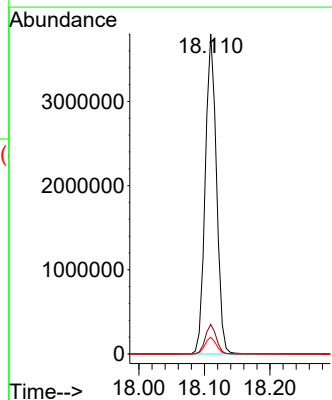
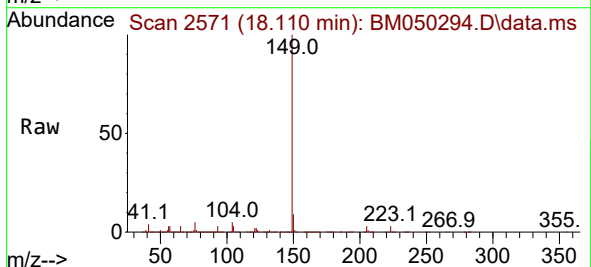
Tgt Ion:149 Resp: 4526219

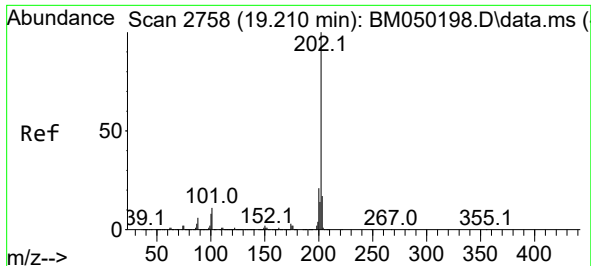
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.3 4.0 6.0

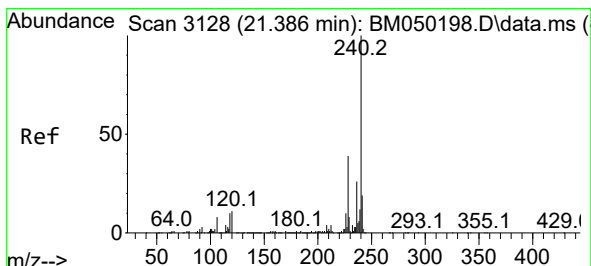
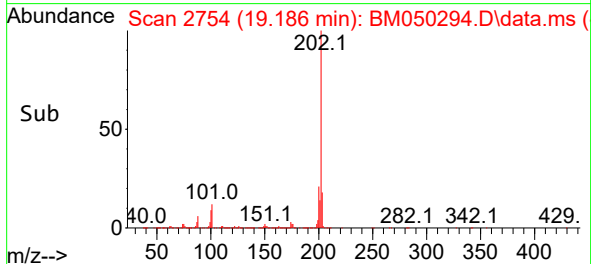
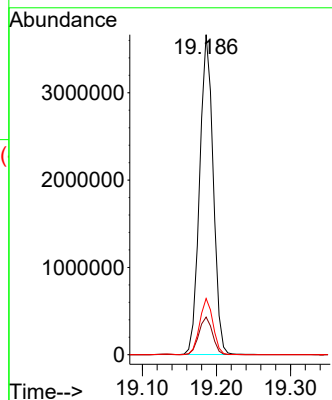
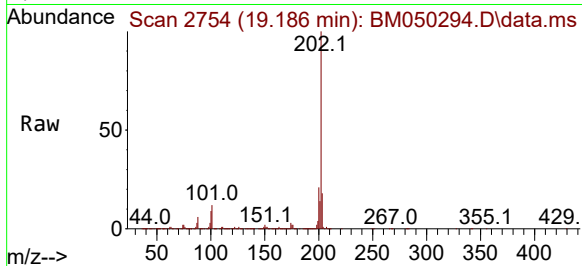




#75
Fluoranthene
Concen: 42.087 ng
RT: 19.186 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

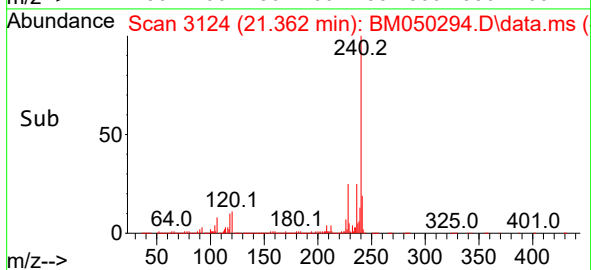
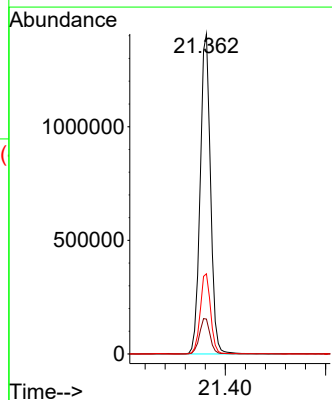
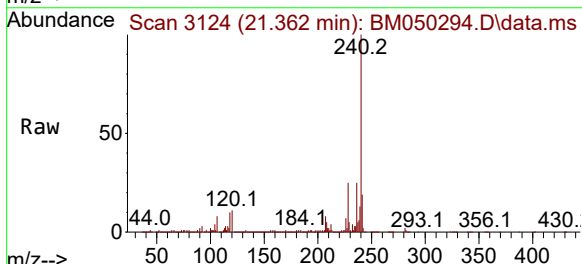
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

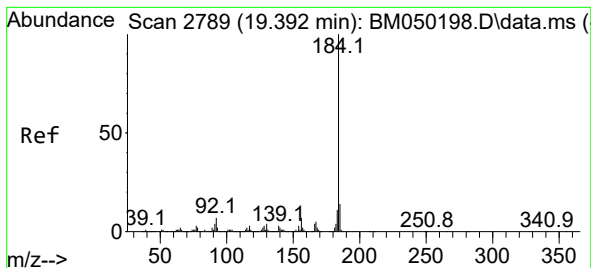
Tgt Ion:202 Resp: 4650842
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.1
203 17.6 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:240 Resp: 2006119
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.1 20.7 31.1





#77

Benzidine

Concen: 40.966 ng

RT: 19.368 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

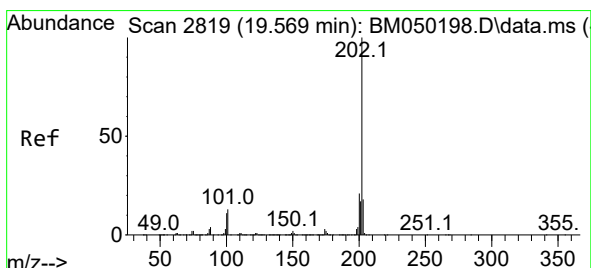
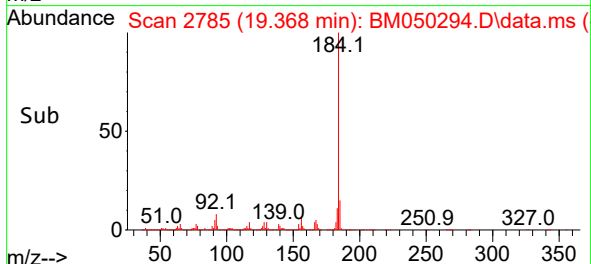
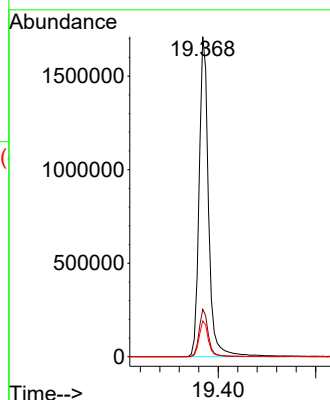
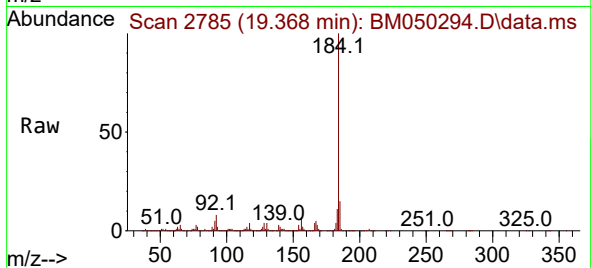
Tgt Ion:184 Resp: 2311026

Ion Ratio Lower Upper

184 100

185 14.8 11.5 17.3

183 11.2 9.0 13.4



#78

Pyrene

Concen: 36.844 ng

RT: 19.551 min Scan# 2816

Delta R.T. -0.006 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

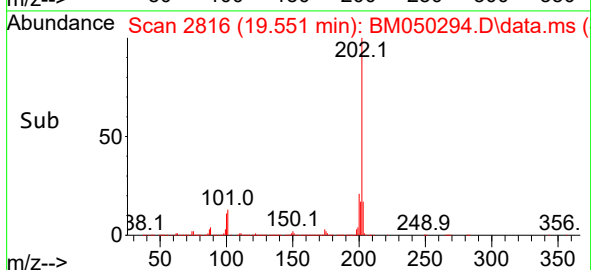
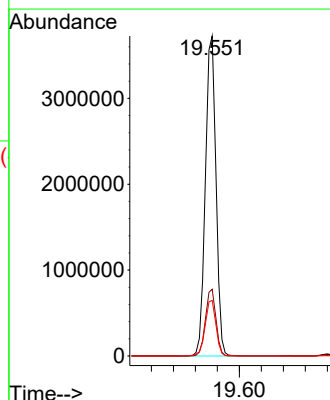
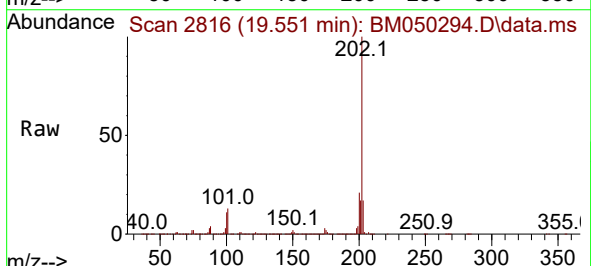
Tgt Ion:202 Resp: 4981804

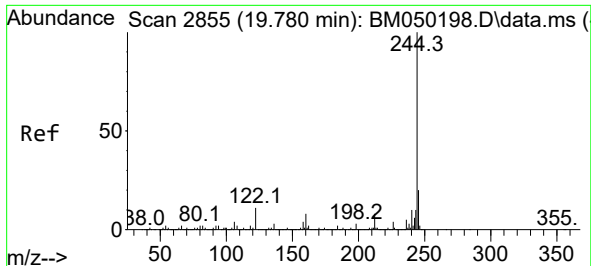
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 17.4 14.1 21.1

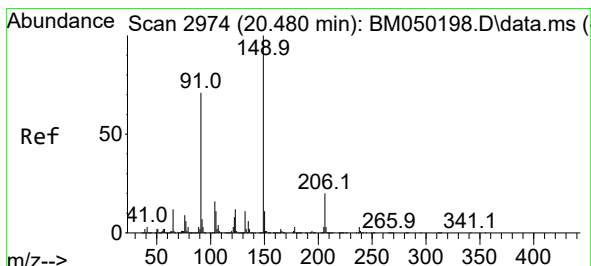
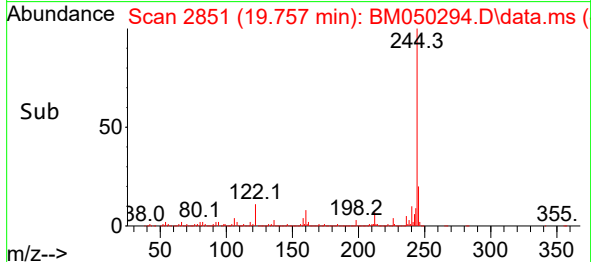
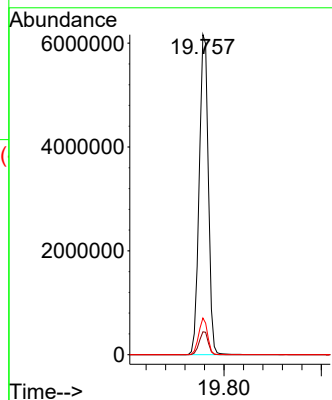
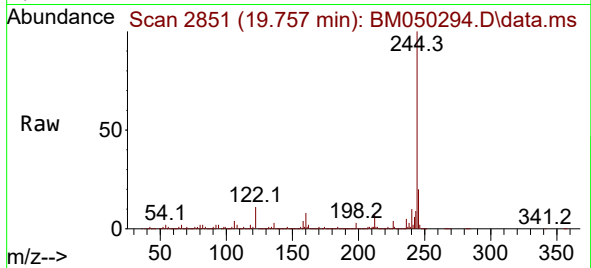




#79
 Terphenyl-d14
 Concen: 76.294 ng
 RT: 19.757 min Scan# 2855
 Delta R.T. -0.012 min
 Lab File: BM050294.D
 Acq: 12 Jun 2025 04:31

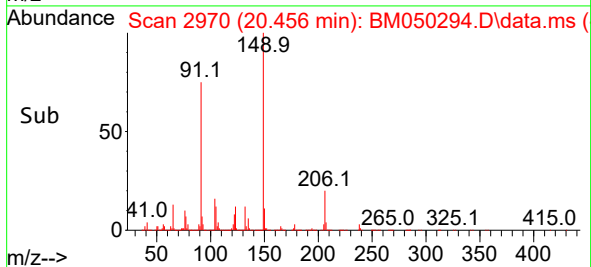
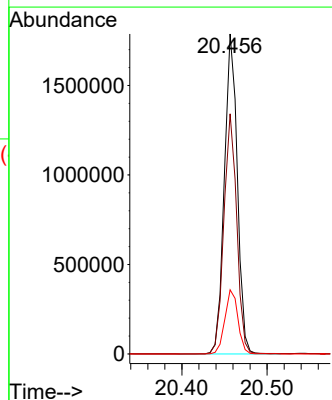
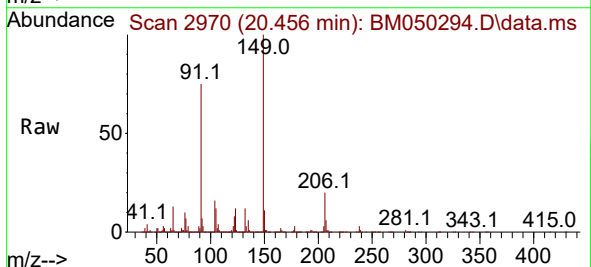
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

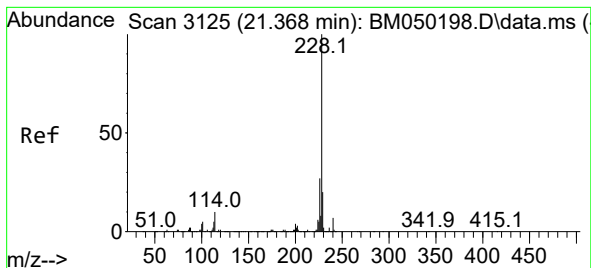
Tgt Ion:244 Resp: 8076672
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.4 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 41.804 ng
 RT: 20.456 min Scan# 2970
 Delta R.T. -0.012 min
 Lab File: BM050294.D
 Acq: 12 Jun 2025 04:31

Tgt Ion:149 Resp: 1885439
 Ion Ratio Lower Upper
 149 100
 91 75.0 56.9 85.3
 206 20.1 16.1 24.1





#81

Benzo(a)anthracene

Concen: 39.796 ng

RT: 21.339 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

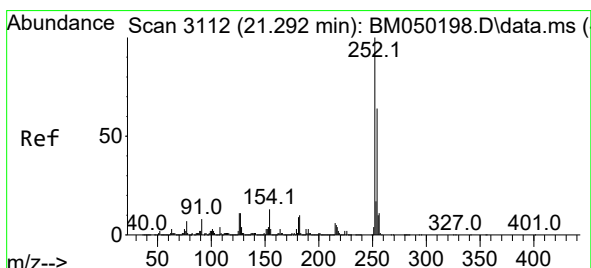
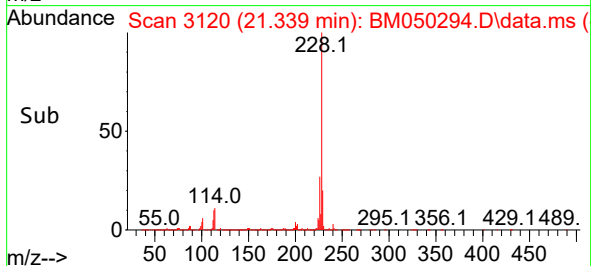
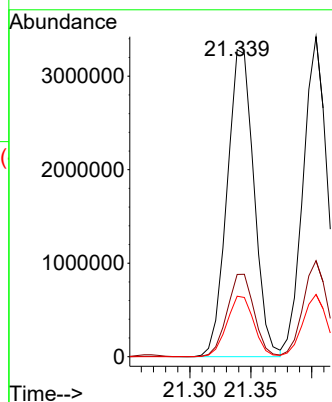
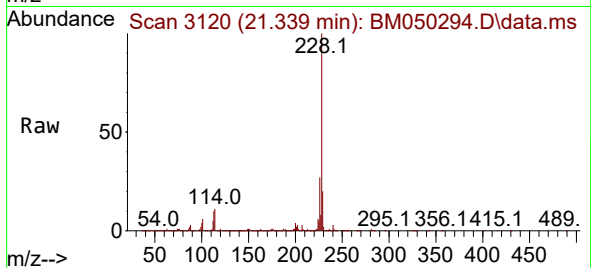
Tgt Ion:228 Resp: 5053259

Ion Ratio Lower Upper

228 100

226 26.8 21.7 32.5

229 19.7 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 44.302 ng

RT: 21.268 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

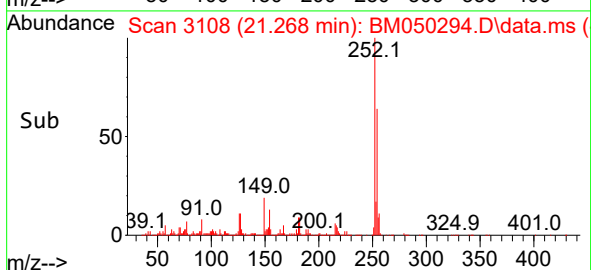
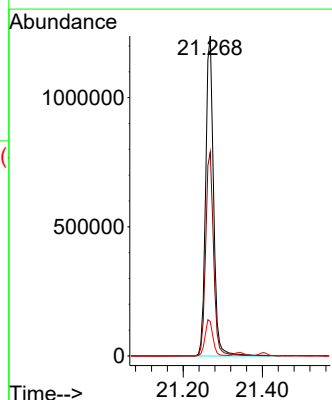
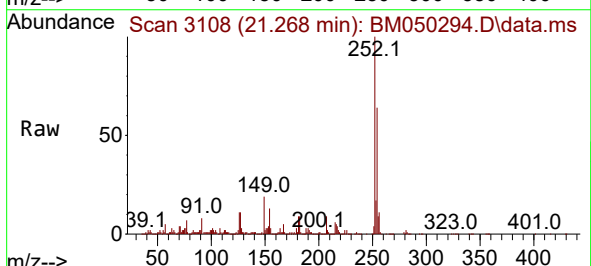
Tgt Ion:252 Resp: 1715475

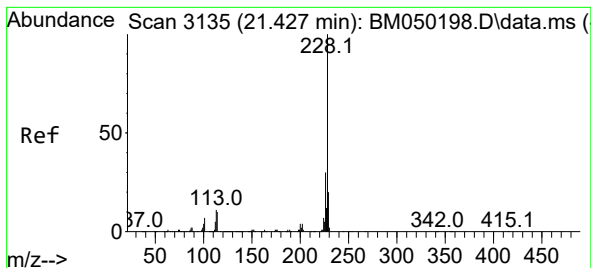
Ion Ratio Lower Upper

252 100

254 63.8 51.4 77.0

126 10.8 8.6 12.8





#83

Chrysene

Concen: 39.609 ng

RT: 21.403 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

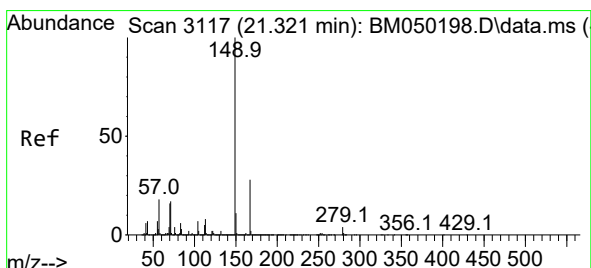
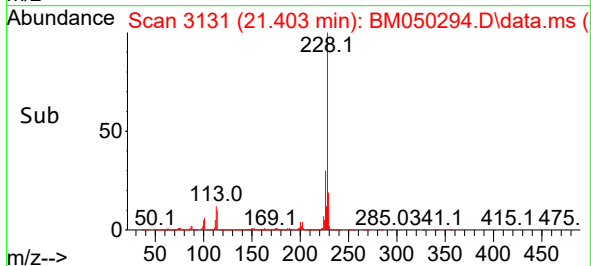
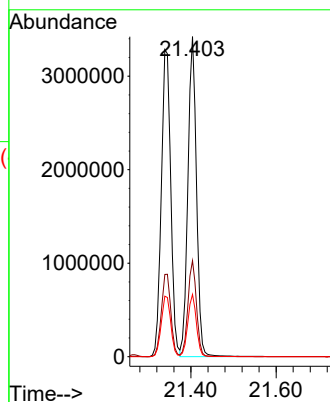
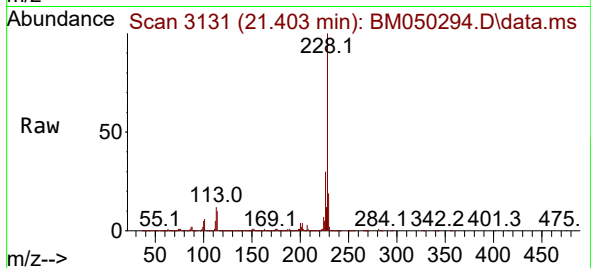
Tgt Ion:228 Resp: 4784209

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 19.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.831 ng

RT: 21.286 min Scan# 3111

Delta R.T. -0.017 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

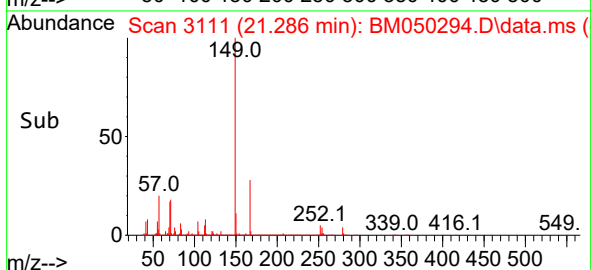
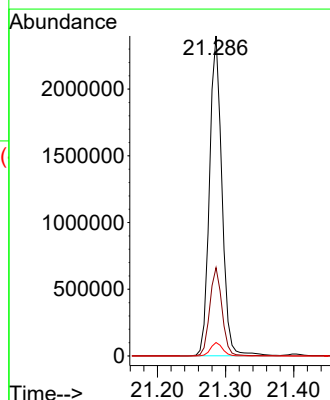
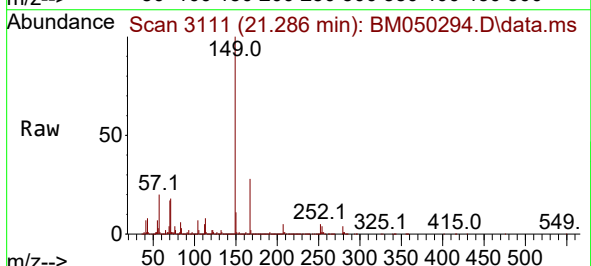
Tgt Ion:149 Resp: 3045100

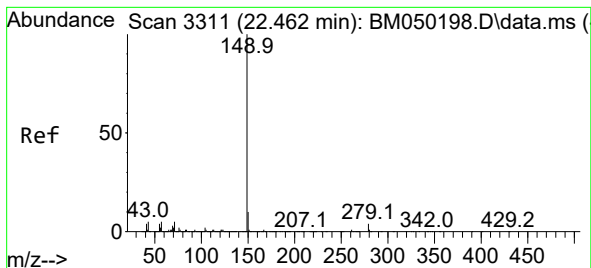
Ion Ratio Lower Upper

149 100

167 27.6 22.3 33.5

279 4.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 45.556 ng

RT: 22.415 min Scan# 31

Delta R.T. -0.023 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

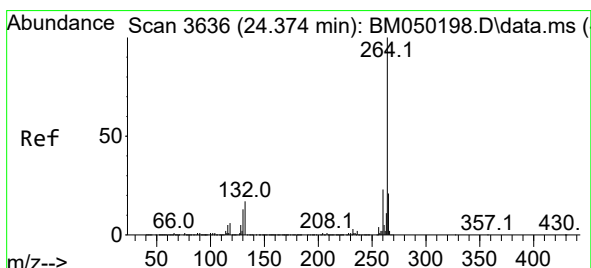
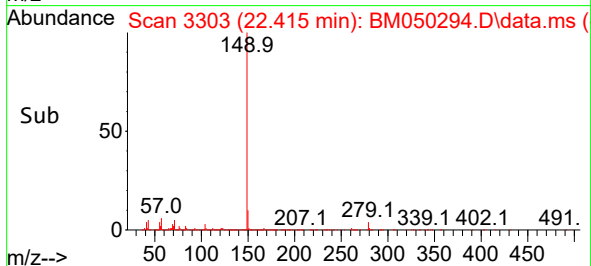
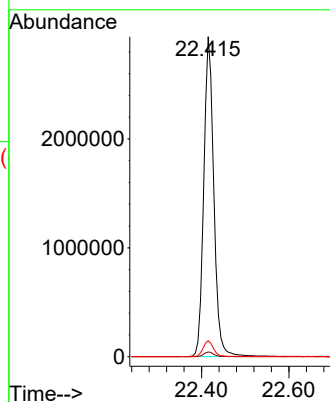
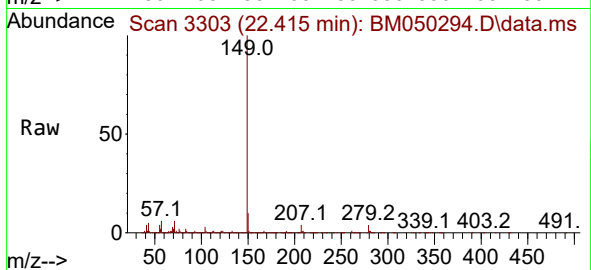
Tgt Ion:149 Resp: 4696350

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 5.2 3.8 5.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.327 min Scan# 3628

Delta R.T. -0.017 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

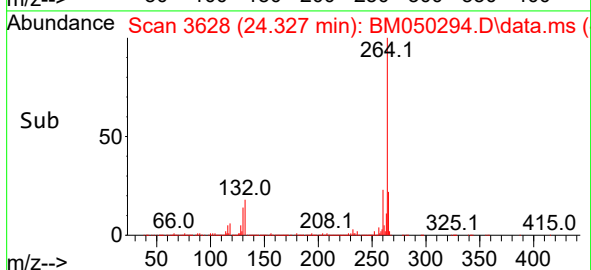
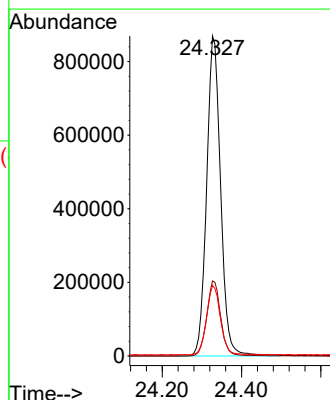
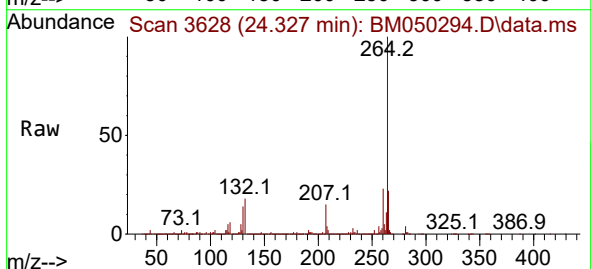
Tgt Ion:264 Resp: 2127246

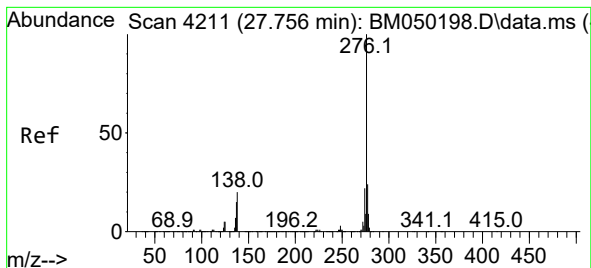
Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 22.1 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.443 ng

RT: 27.685 min Scan# 41

Delta R.T. -0.023 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

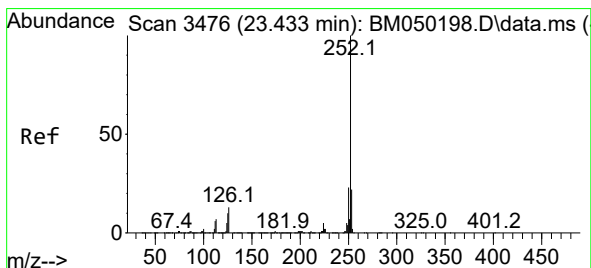
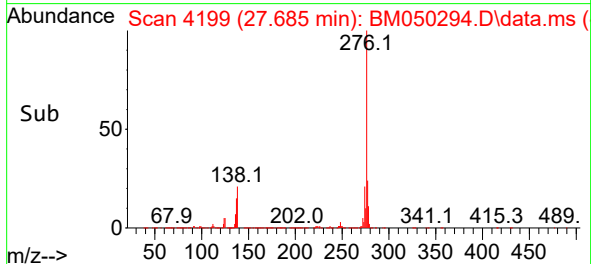
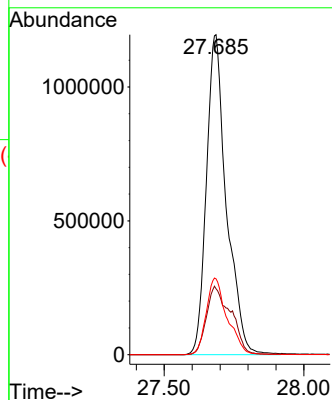
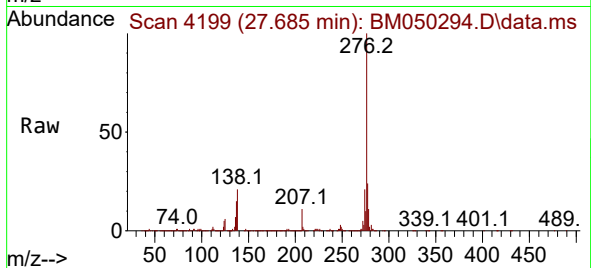
Tgt Ion:276 Resp: 5950271

Ion Ratio Lower Upper

276 100

138 26.1 20.6 30.8

277 25.1 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 40.589 ng

RT: 23.397 min Scan# 3470

Delta R.T. -0.012 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

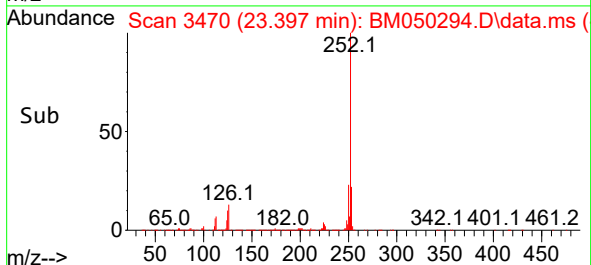
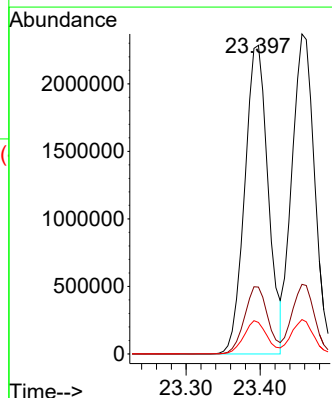
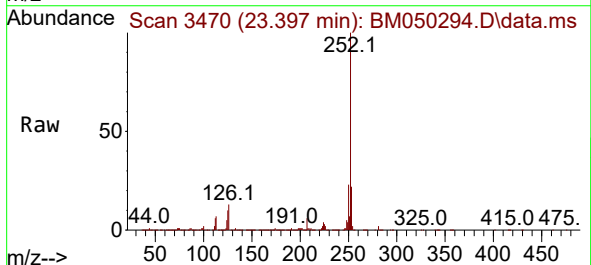
Tgt Ion:252 Resp: 5020058

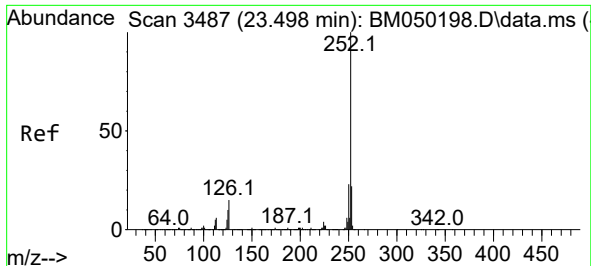
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 10.2 8.2 12.4

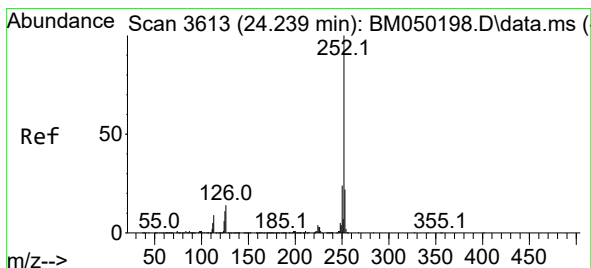
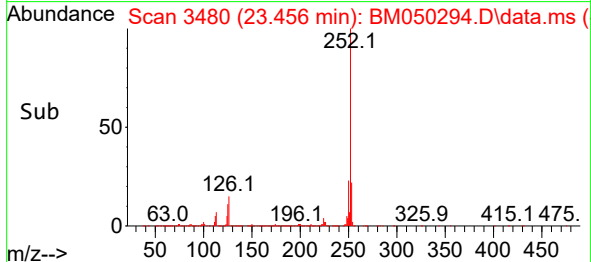
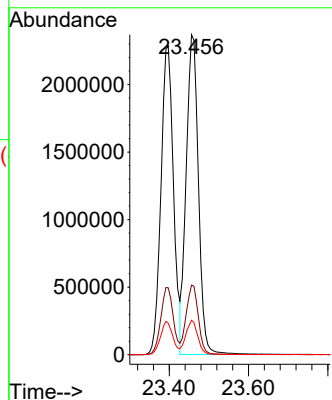
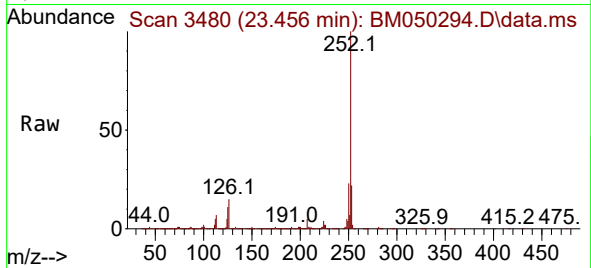




#89
Benzo(k)fluoranthene
Concen: 40.251 ng
RT: 23.456 min Scan# 34
Delta R.T. -0.017 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

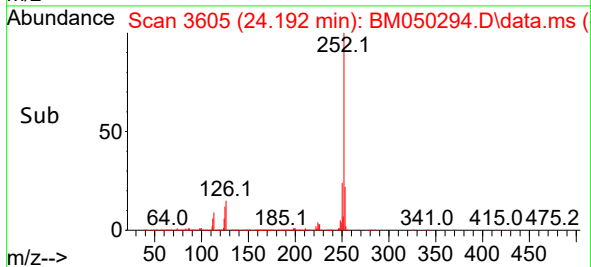
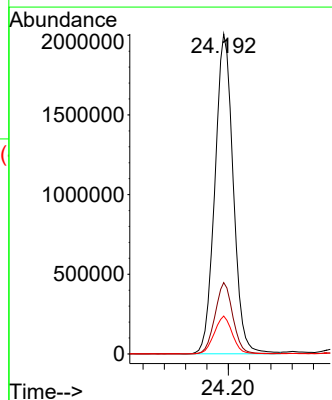
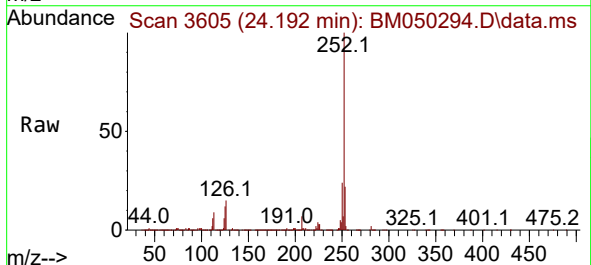
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

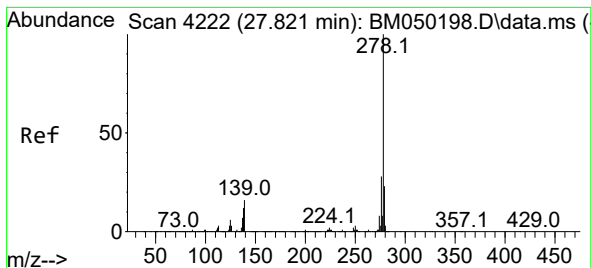
Tgt Ion:252 Resp: 5082030
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.7 8.2 12.4



#90
Benzo(a)pyrene
Concen: 41.161 ng
RT: 24.192 min Scan# 3605
Delta R.T. -0.017 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:252 Resp: 4786398
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 11.9 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 44.020 ng

RT: 27.744 min Scan# 41

Delta R.T. -0.023 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

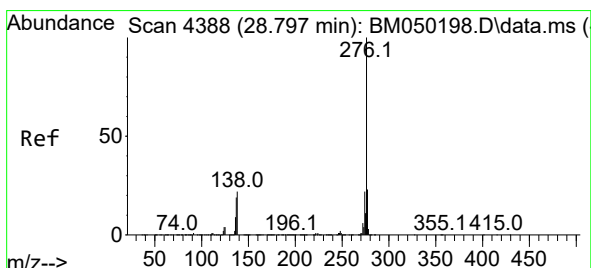
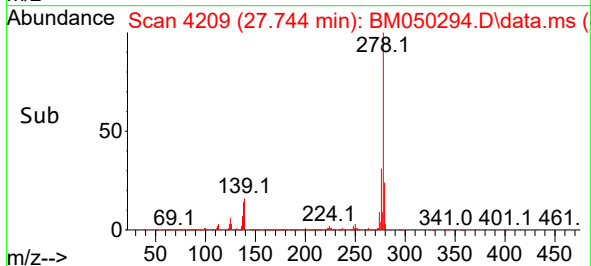
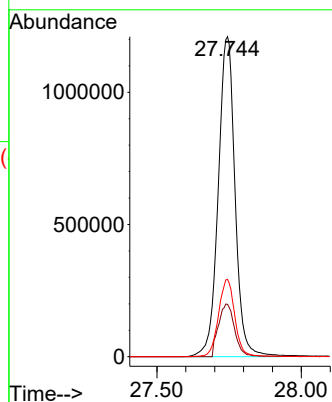
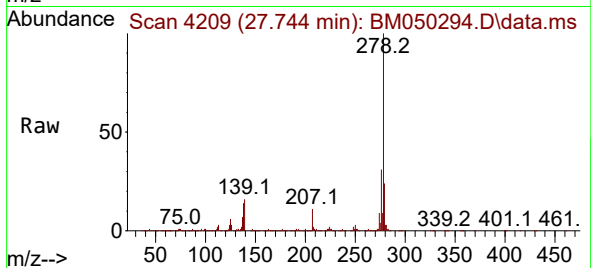
Tgt Ion:278 Resp: 4894031

Ion Ratio Lower Upper

278 100

139 16.4 12.8 19.2

279 24.1 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 43.693 ng

RT: 28.727 min Scan# 4376

Delta R.T. -0.023 min

Lab File: BM050294.D

Acq: 12 Jun 2025 04:31

Tgt Ion:276 Resp: 4861977

Ion Ratio Lower Upper

276 100

277 23.3 18.6 27.8

138 22.4 17.8 26.6

