

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
 Data File : BM049898.D
 Acq On : 11 Apr 2025 12:59
 Operator : RC/JU
 Sample : Q1761-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GST3MSD

Quant Time: Apr 11 13:44:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	400986	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1382295	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	886995	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1654145	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1374176	20.000	ng	0.00
86) Perylene-d12	24.397	264	1418231	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2648138	112.142	ng	0.00
7) Phenol-d6	6.957	99	3320054	113.003	ng	0.00
23) Nitrobenzene-d5	8.934	82	1837091	74.007	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1535504	119.016	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	4836128	73.933	ng	0.00
79) Terphenyl-d14	19.786	244	6526396	89.005	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	411480	42.311	ng	98
3) Pyridine	3.658	79	1135292	44.432	ng	99
4) n-Nitrosodimethylamine	3.569	42	467606	48.089	ng	97
6) Aniline	7.104	93	940119	37.343	ng	99
8) 2-Chlorophenol	7.345	128	1240316	51.253	ng	100
9) Benzaldehyde	6.916	77	689444	45.728	ng	98
10) Phenol	6.981	94	1475976	51.480	ng	98
11) bis(2-Chloroethyl)ether	7.198	93	1140893	50.743	ng	99
12) 1,3-Dichlorobenzene	7.663	146	1432961	50.084	ng	99
13) 1,4-Dichlorobenzene	7.810	146	1439366	49.998	ng	98
14) 1,2-Dichlorobenzene	8.128	146	1375788	50.738	ng	100
15) Benzyl Alcohol	8.016	79	985490	53.267	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	1305723	52.104	ng	99
17) 2-Methylphenol	8.228	107	945629	53.521	ng	99
18) Hexachloroethane	8.857	117	497965	49.718	ng	96
19) n-Nitroso-di-n-propyla...	8.587	70	832002	51.130	ng	98
20) 3+4-Methylphenols	8.551	107	1280979	53.179	ng	99
22) Acetophenone	8.598	105	1649958	49.115	ng	99
24) Nitrobenzene	8.975	77	1171100	48.995	ng	98
25) Isophorone	9.504	82	2244514	53.975	ng	99
26) 2-Nitrophenol	9.687	139	656771	51.842	ng	99
27) 2,4-Dimethylphenol	9.751	122	1060021	73.831	ng	99
28) bis(2-Chloroethoxy)met...	9.981	93	1422065	51.081	ng	98
29) 2,4-Dichlorophenol	10.222	162	1234756	51.738	ng	99
30) 1,2,4-Trichlorobenzene	10.434	180	1379917	49.981	ng	99
31) Naphthalene	10.622	128	3405888	47.951	ng	99
32) Benzoic acid	9.904	122	758654	43.585	ng	98
33) 4-Chloroaniline	10.728	127	434899	17.340	ng	99
34) Hexachlorobutadiene	10.910	225	878595	51.446	ng	99
35) Caprolactam	11.516	113	329748	48.174	ng	98
36) 4-Chloro-3-methylphenol	11.869	107	1069922	51.180	ng	99
37) 2-Methylnaphthalene	12.233	142	2250762	44.976	ng	100
38) 1-Methylnaphthalene	12.457	142	2364350	48.495	ng	99
40) 1,2,4,5-Tetrachloroben...	12.610	216	1579385	50.897	ng	99
41) Hexachlorocyclopentadiene	12.592	237	2157971	198.461	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	1039494	52.643	ng	98

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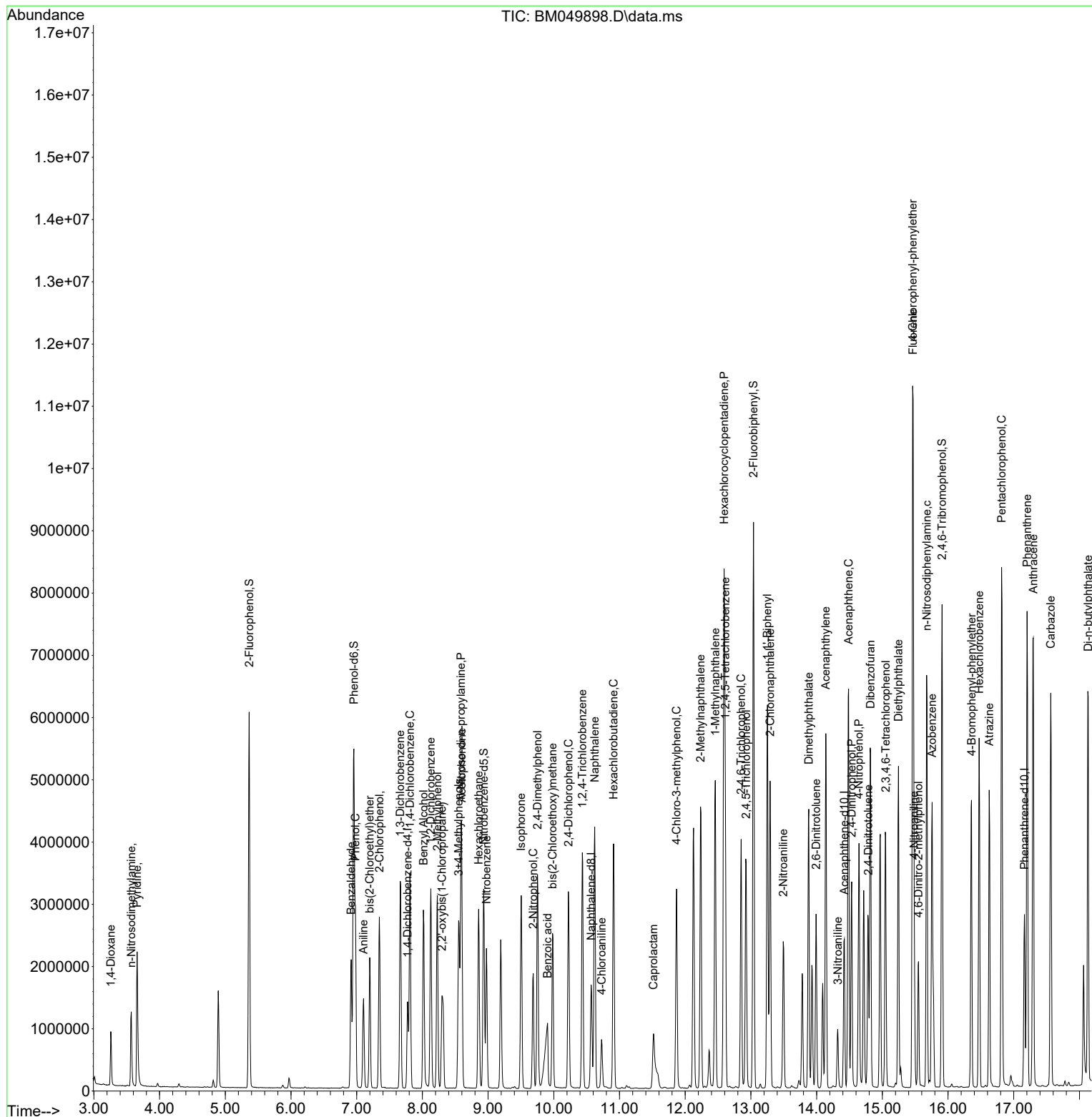
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	1113199	51.877	ng	98
46) 1,1'-Biphenyl	13.251	154	3274438	49.661	ng	99
47) 2-Chloronaphthalene	13.292	162	2580046	49.784	ng	99
48) 2-Nitroaniline	13.492	65	616761	51.442	ng	98
49) Acenaphthylene	14.139	152	4059287	53.772	ng	99
50) Dimethylphthalate	13.880	163	3112245	49.735	ng	99
51) 2,6-Dinitrotoluene	13.992	165	676696	51.615	ng	97
52) Acenaphthene	14.486	154	2376842	49.499	ng	99
53) 3-Nitroaniline	14.322	138	259980	20.517	ng	97
54) 2,4-Dinitrophenol	14.533	184	839012	87.613	ng	97
55) Dibenzofuran	14.821	168	3814383	47.518	ng	98
56) 4-Nitrophenol	14.645	139	1159928	102.722	ng	98
57) 2,4-Dinitrotoluene	14.786	165	921810	52.703	ng	94
58) Fluorene	15.468	166	3163617	49.581	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	925129	49.189	ng	98
60) Diethylphthalate	15.245	149	2842984	47.375	ng	98
61) 4-Chlorophenyl-phenyle...	15.463	204	1728010	50.513	ng	99
62) 4-Nitroaniline	15.486	138	605277	46.190	ng	99
63) Azobenzene	15.757	77	2757090	53.664	ng	96
65) 4,6-Dinitro-2-methylph...	15.551	198	529563	50.804	ng	97
66) n-Nitrosodiphenylamine	15.674	169	2649054	53.514	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	1047333	54.541	ng	96
68) Hexachlorobenzene	16.474	284	1185005	53.800	ng	99
69) Atrazine	16.627	200	955359	74.434	ng	98
70) Pentachlorophenol	16.815	266	1633614	100.741	ng	99
71) Phenanthrene	17.204	178	4670985	51.507	ng	100
72) Anthracene	17.298	178	4746180	53.107	ng	100
73) Carbazole	17.562	167	4153461	49.343	ng	100
74) Di-n-butylphthalate	18.133	149	4750311	48.996	ng	99
75) Fluoranthene	19.221	202	5288214	47.427	ng	99
77) Benzidine	19.404	184	2062728	113.148	ng	100
78) Pyrene	19.586	202	5354267	56.536	ng	99
80) Butylbenzylphthalate	20.480	149	1930042	54.236	ng	99
81) Benzo(a)anthracene	21.380	228	4861226	53.229	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	936523	27.154	ng	100
83) Chrysene	21.445	228	4491447	51.730	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2715105	52.367	ng	100
85) Di-n-octyl phthalate	22.439	149	4563566	50.313	ng	99
87) Indeno(1,2,3-cd)pyrene	27.785	276	5619213	53.153	ng	99
88) Benzo(b)fluoranthene	23.450	252	4620636	51.013	ng	100
89) Benzo(k)fluoranthene	23.515	252	4460551	50.818	ng	100
90) Benzo(a)pyrene	24.256	252	4390591	55.163	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	4609687	52.938	ng	99
92) Benzo(g,h,i)perylene	28.838	276	4520433	50.802	ng	99

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

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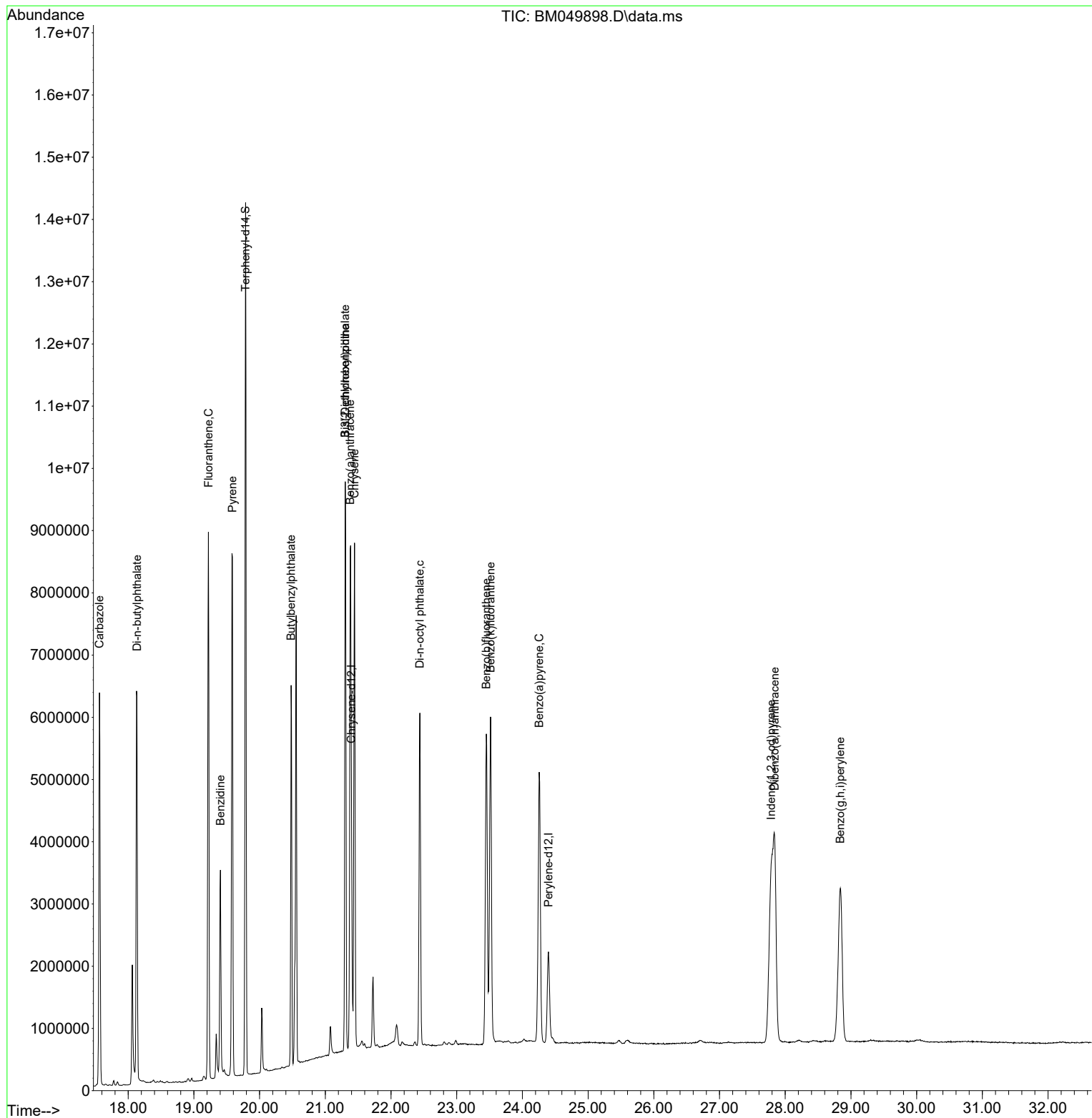
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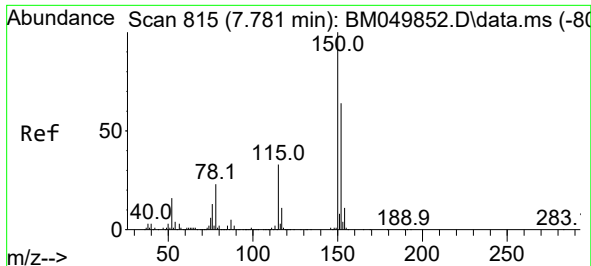


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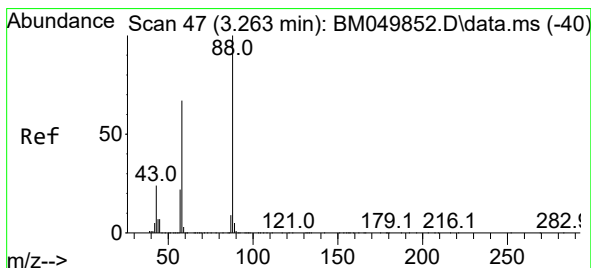
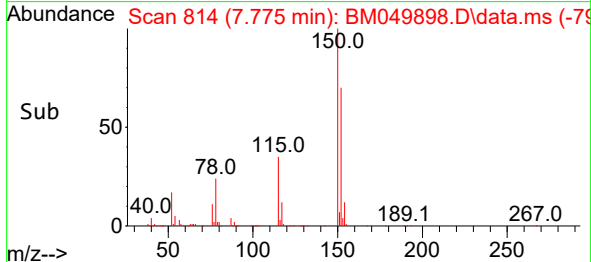
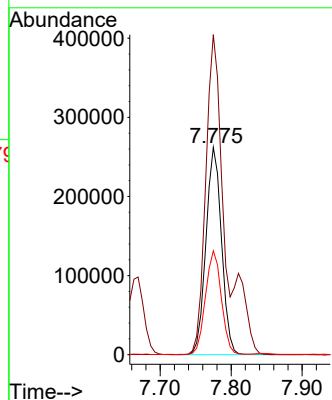
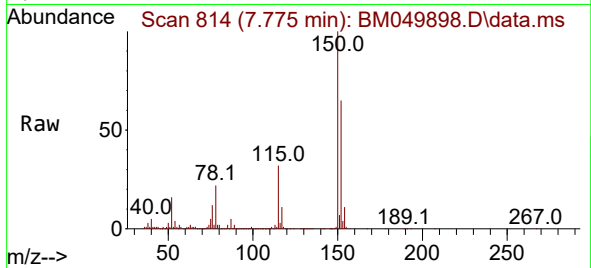




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049898.D
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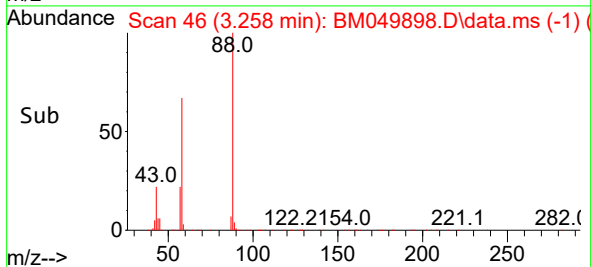
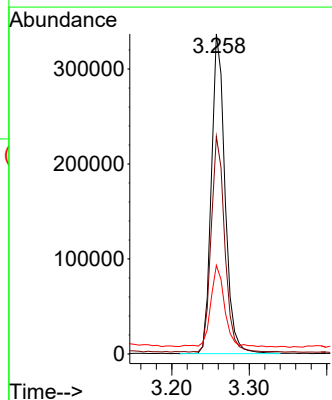
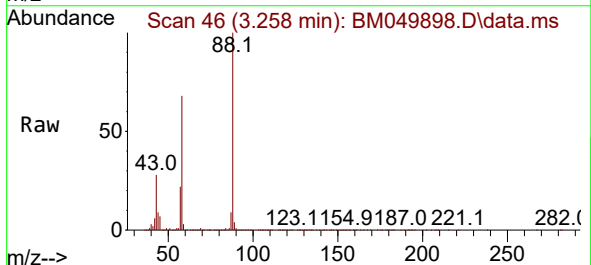
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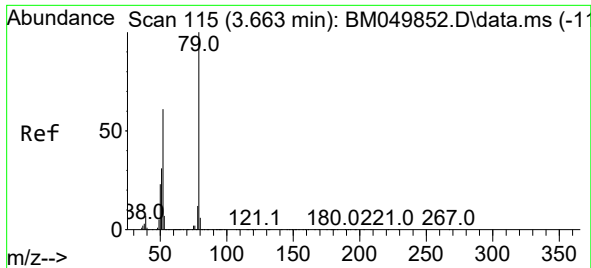
Tgt Ion:152 Resp: 400986
Ion Ratio Lower Upper
152 100
150 154.4 124.3 186.5
115 50.1 41.1 61.7



#2
1,4-Dioxane
Concen: 42.311 ng
RT: 3.258 min Scan# 46
Delta R.T. -0.006 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion: 88 Resp: 411480
Ion Ratio Lower Upper
88 100
58 67.1 54.1 81.1
43 27.5 20.2 30.4



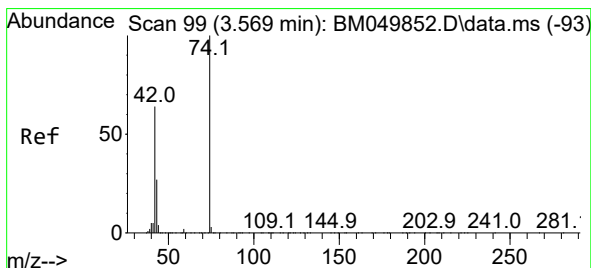
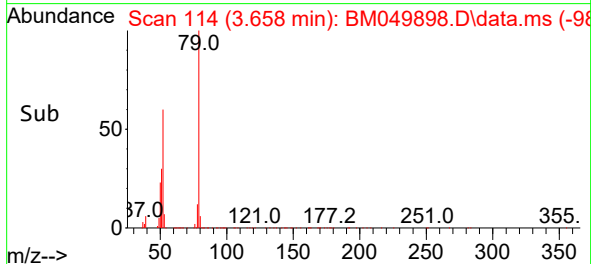
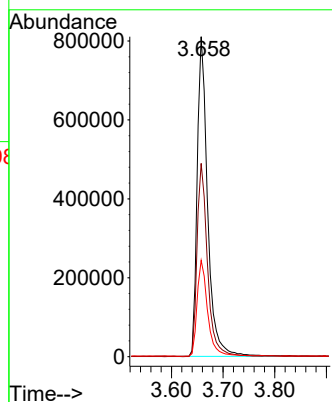
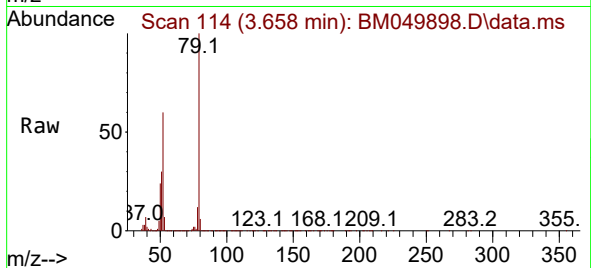


#3
 Pyridine
 Concen: 44.432 ng
 RT: 3.658 min Scan# 115
 Delta R.T. -0.006 min
 Lab File: BM049898.D
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Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion: 79 Resp: 1135292

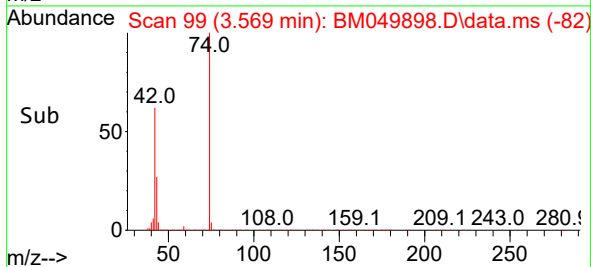
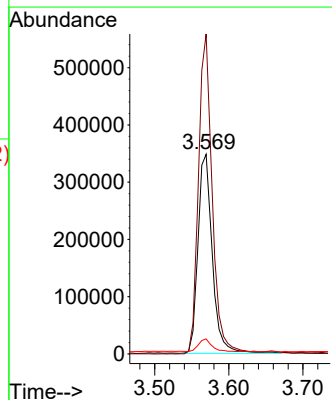
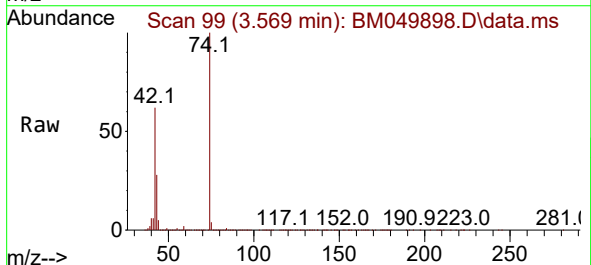
Ion	Ratio	Lower	Upper
79	100		
52	60.4	48.9	73.3
51	30.1	25.0	37.6

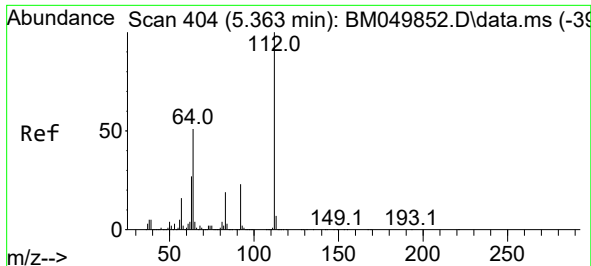


#4
 n-Nitrosodimethylamine
 Concen: 48.089 ng
 RT: 3.569 min Scan# 99
 Delta R.T. 0.000 min
 Lab File: BM049898.D
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Tgt Ion: 42 Resp: 467606

Ion	Ratio	Lower	Upper
42	100		
74	160.2	125.4	188.2
44	7.5	5.9	8.9

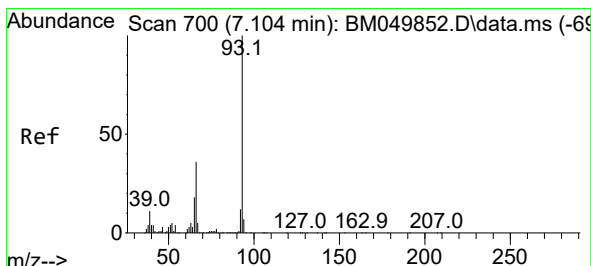
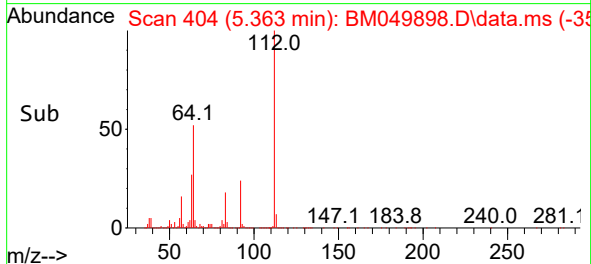
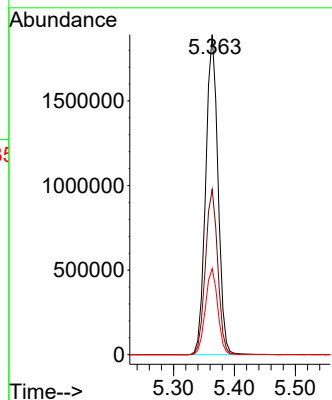
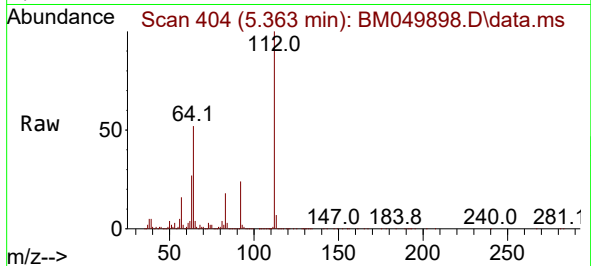




#5
2-Fluorophenol
Concen: 112.142 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049898.D
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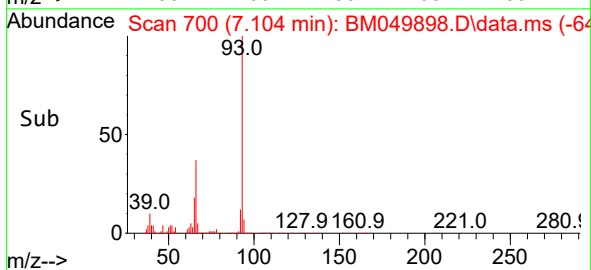
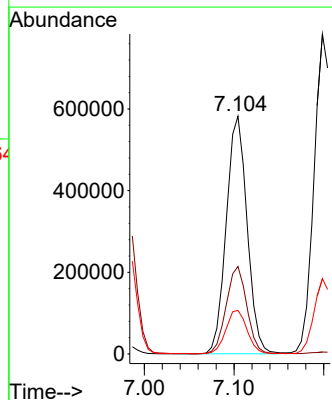
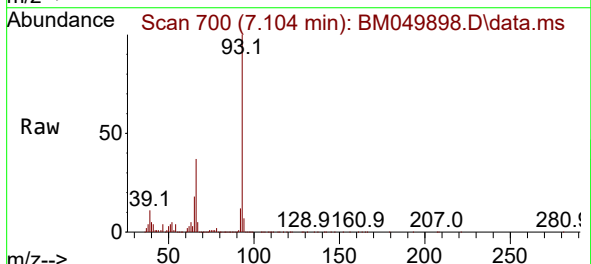
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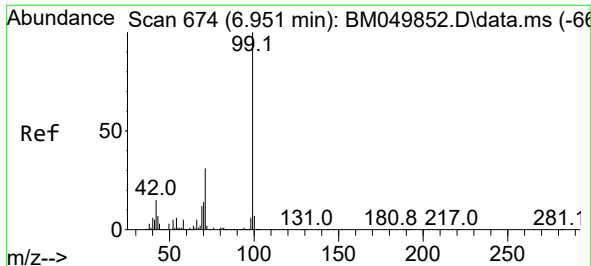
Tgt Ion:112 Resp: 2648138
Ion Ratio Lower Upper
112 100
64 51.7 41.0 61.6
63 26.9 21.5 32.3



#6
Aniline
Concen: 37.343 ng
RT: 7.104 min Scan# 700
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion: 93 Resp: 940119
Ion Ratio Lower Upper
93 100
66 36.8 29.1 43.7
65 18.3 14.9 22.3

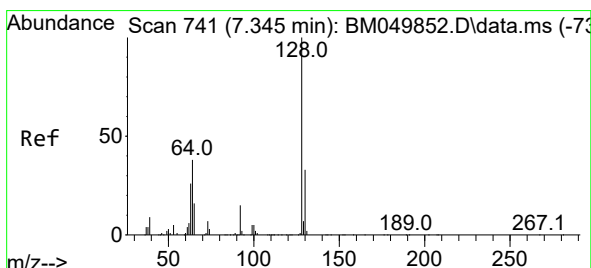
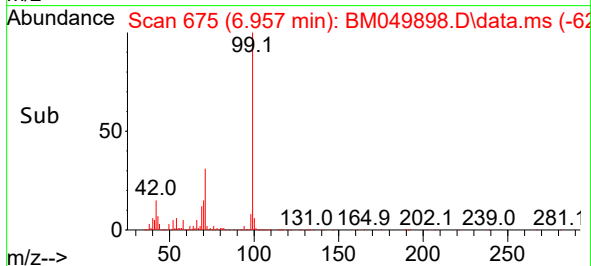
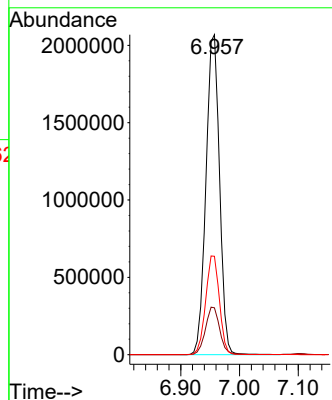
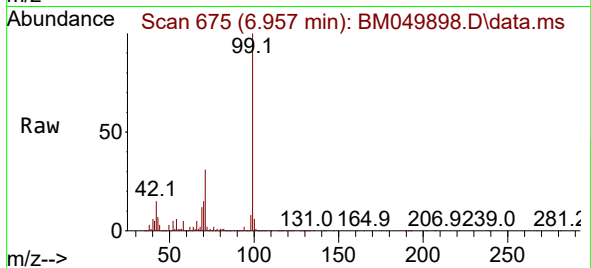




#7
Phenol-d6
Concen: 113.003 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM049898.D
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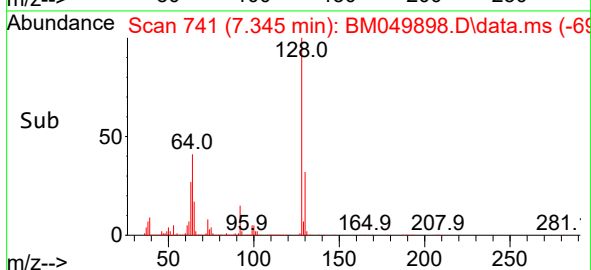
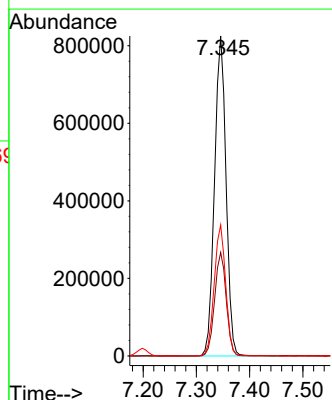
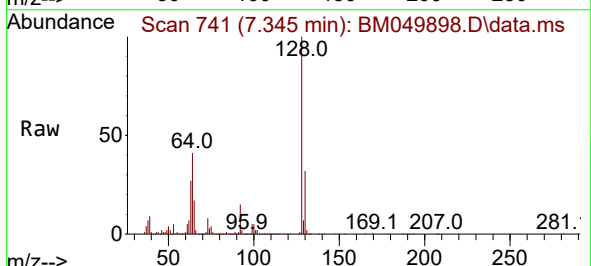
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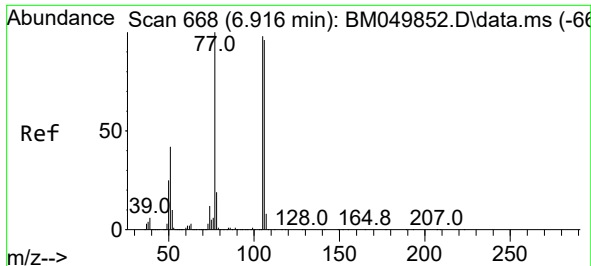
Tgt Ion: 99 Resp: 3320054
Ion Ratio Lower Upper
99 100
42 14.7 12.1 18.1
71 30.8 24.9 37.3



#8
2-Chlorophenol
Concen: 51.253 ng
RT: 7.345 min Scan# 741
Delta R.T. 0.000 min
Lab File: BM049898.D
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Tgt Ion:128 Resp: 1240316
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 40.9 21.1 61.1

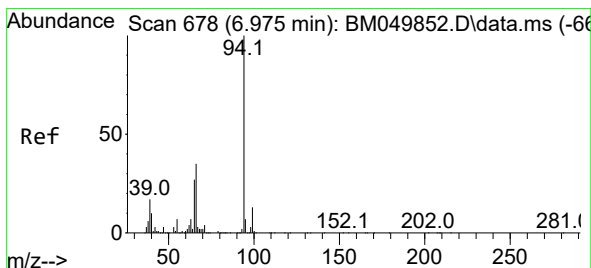
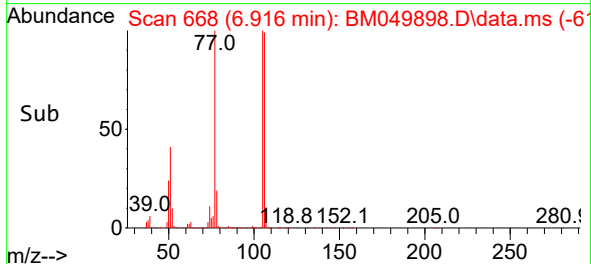
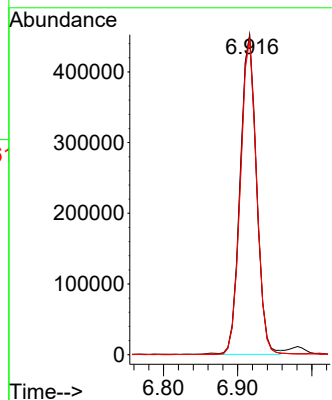
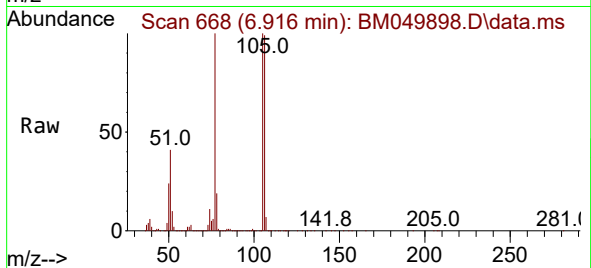




#9
Benzaldehyde
Concen: 45.728 ng
RT: 6.916 min Scan# 668
Delta R.T. 0.000 min
Lab File: BM049898.D
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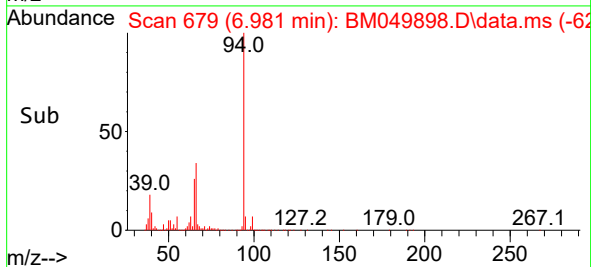
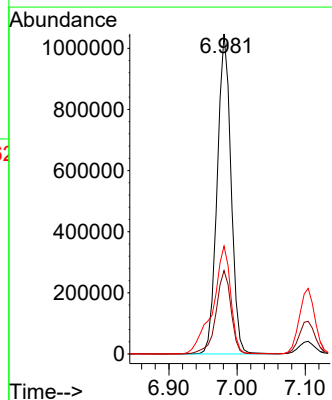
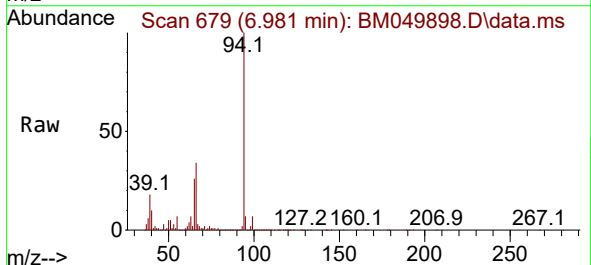
Instrument :
BNA_M
ClientSampleId :
GST3MSD

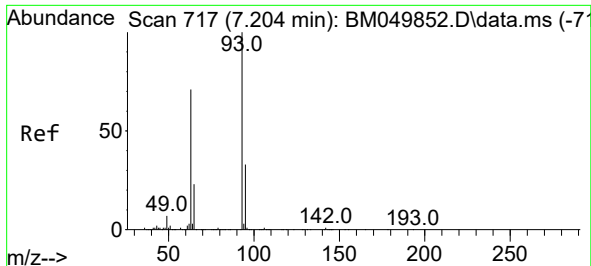
Tgt Ion: 77 Resp: 689444
Ion Ratio Lower Upper
77 100
105 100.3 78.3 118.3
106 98.8 76.0 116.0



#10
Phenol
Concen: 51.480 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion: 94 Resp: 1475976
Ion Ratio Lower Upper
94 100
65 26.0 7.3 47.3
66 33.7 14.8 54.8

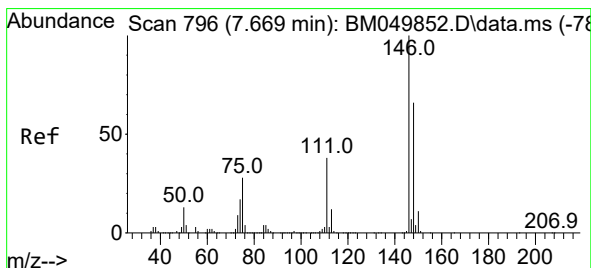
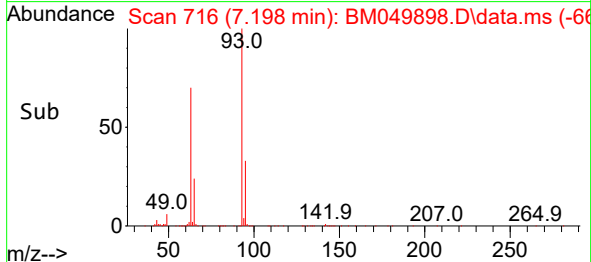
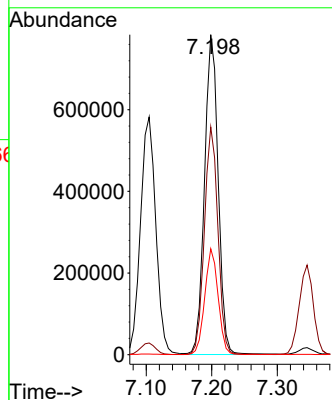
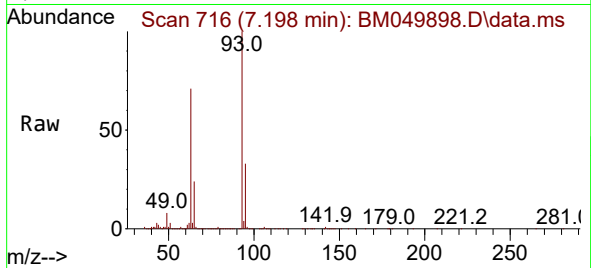




#11
bis(2-Chloroethyl)ether
Concen: 50.743 ng
RT: 7.198 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

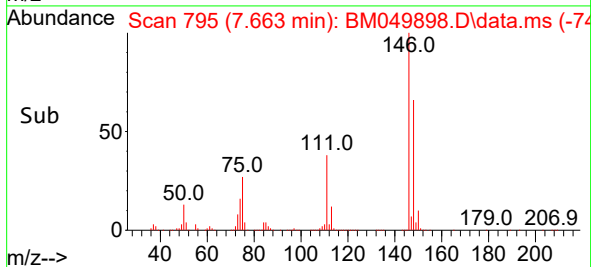
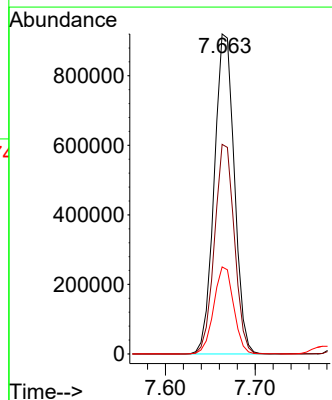
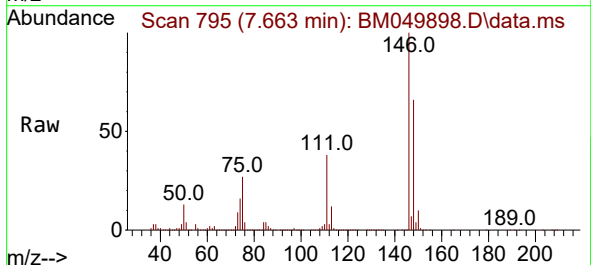
Instrument :
BNA_M
ClientSampleId :
GST3MSD

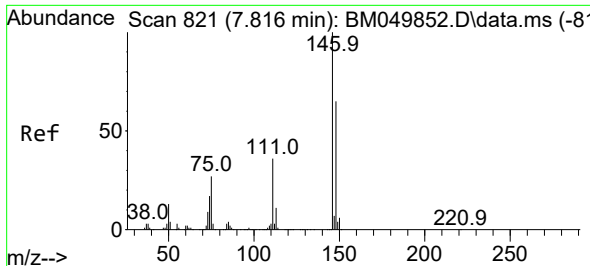
Tgt Ion: 93 Resp: 1140893
Ion Ratio Lower Upper
93 100
63 71.2 50.9 90.9
95 33.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 50.084 ng
RT: 7.663 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:146 Resp: 1432961
Ion Ratio Lower Upper
146 100
148 65.5 52.5 78.7
75 27.2 22.5 33.7

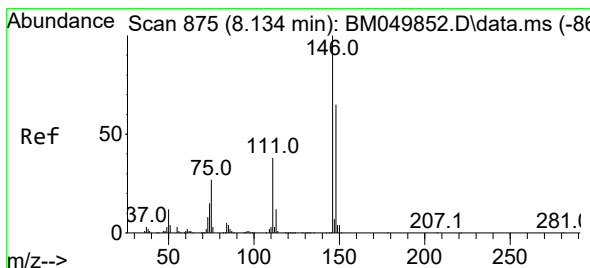
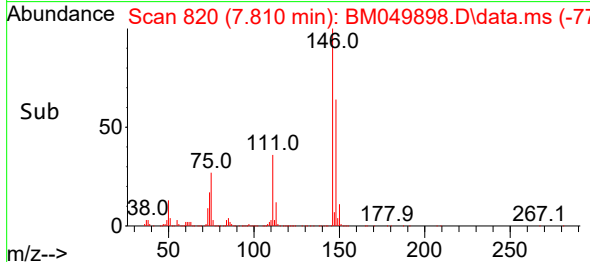
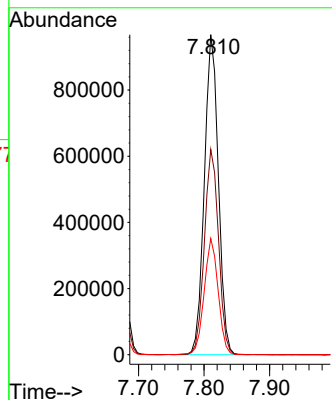
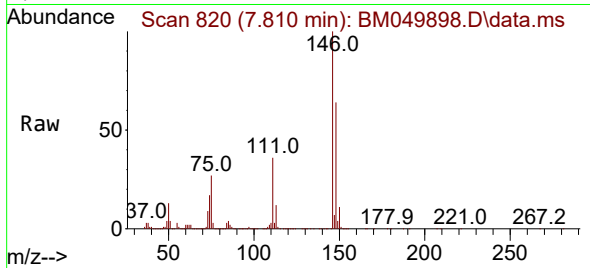




#13
1,4-Dichlorobenzene
Concen: 49.998 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

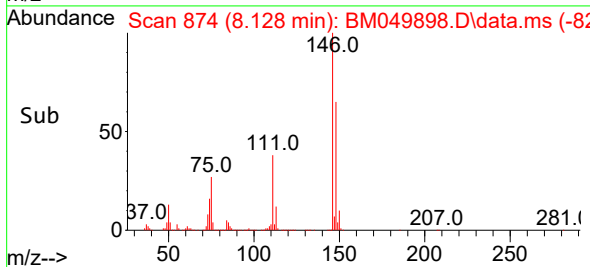
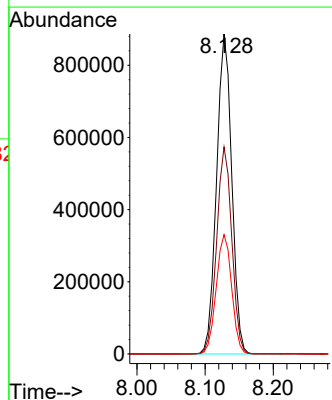
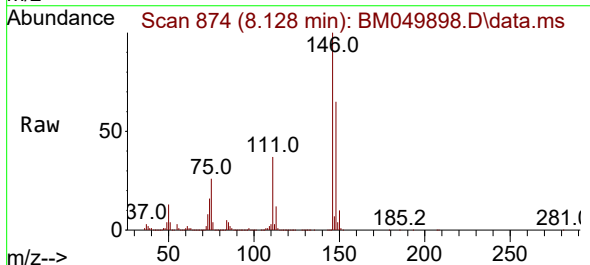
Instrument :
BNA_M
ClientSampleId :
GST3MSD

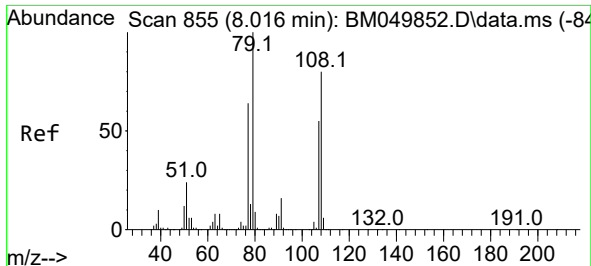
Tgt Ion:146 Resp: 1439366
Ion Ratio Lower Upper
146 100
148 64.1 52.4 78.6
111 36.3 28.5 42.7



#14
1,2-Dichlorobenzene
Concen: 50.738 ng
RT: 8.128 min Scan# 874
Delta R.T. -0.006 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:146 Resp: 1375788
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
111 37.3 30.2 45.4

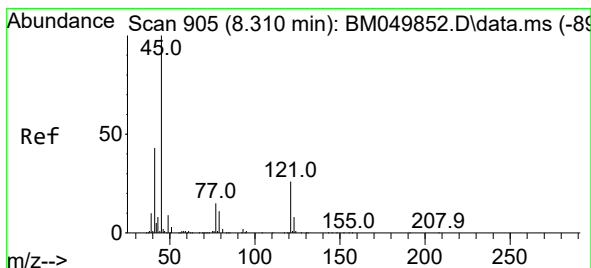
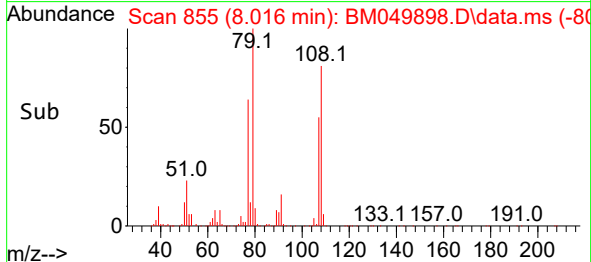
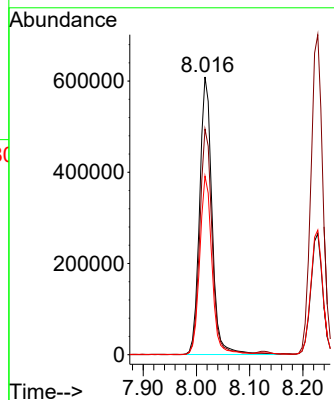
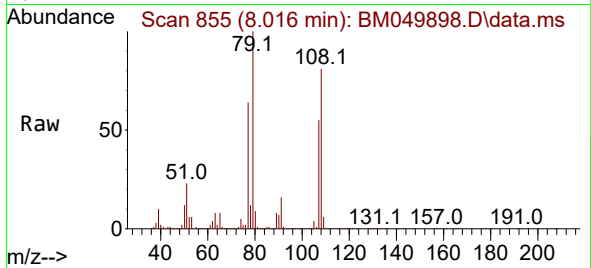




#15
Benzyl Alcohol
Concen: 53.267 ng
RT: 8.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

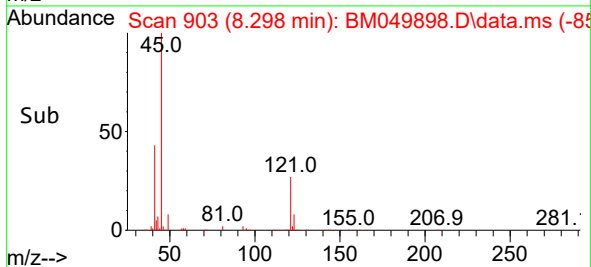
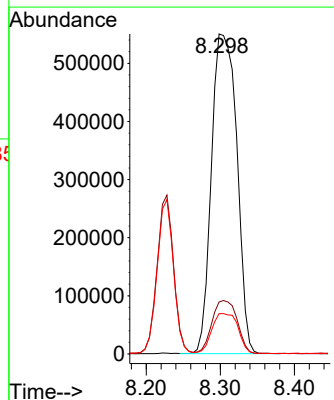
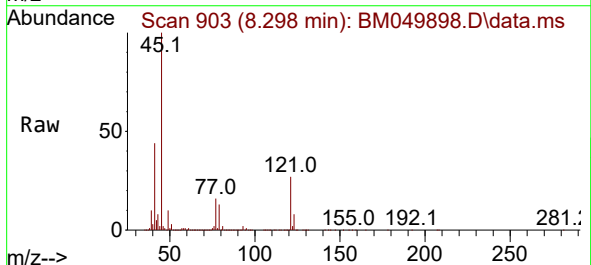
Instrument :
BNA_M
ClientSampleId :
GST3MSD

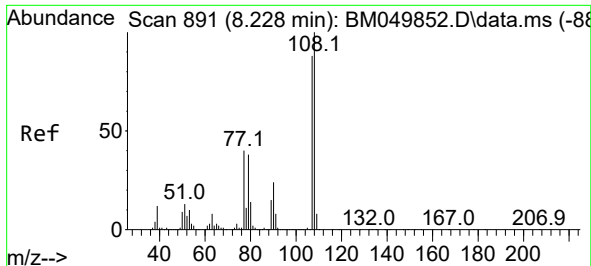
Tgt Ion: 79 Resp: 985490
Ion Ratio Lower Upper
79 100
108 81.2 63.6 95.4
77 64.3 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.104 ng
RT: 8.298 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion: 45 Resp: 1305723
Ion Ratio Lower Upper
45 100
77 16.3 0.0 36.9
79 12.6 0.0 32.9

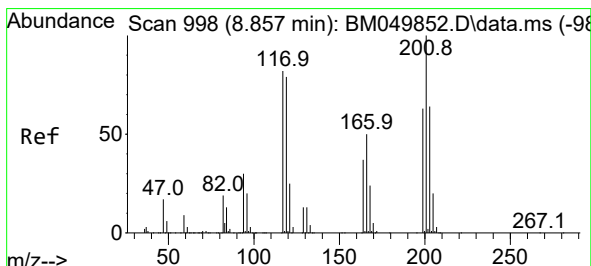
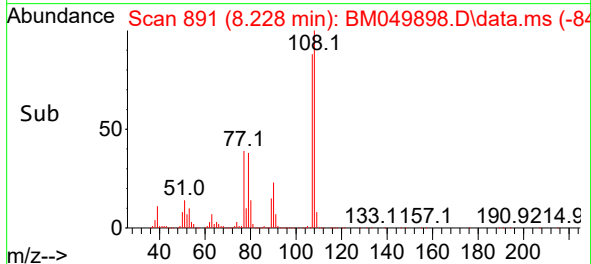
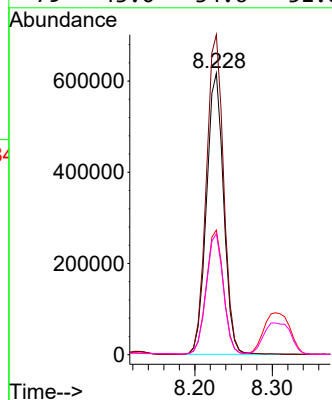
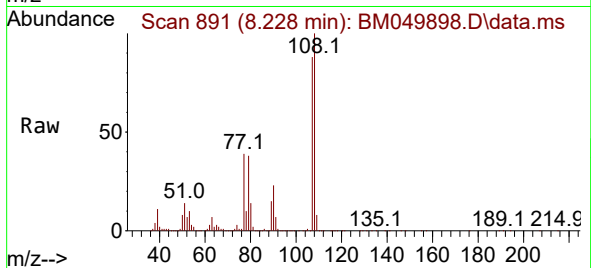




#17
2-Methylphenol
Concen: 53.521 ng
RT: 8.228 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

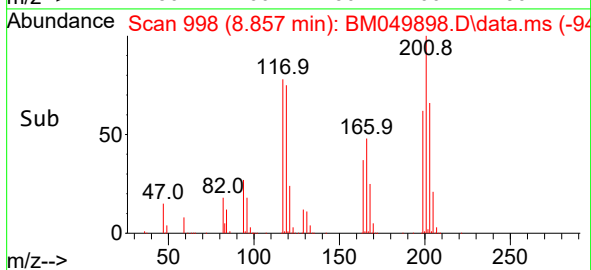
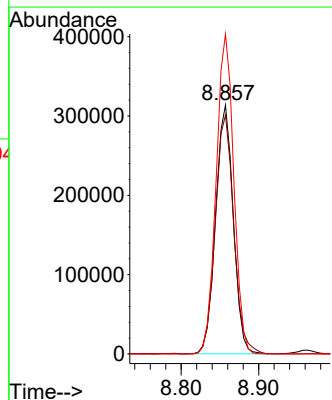
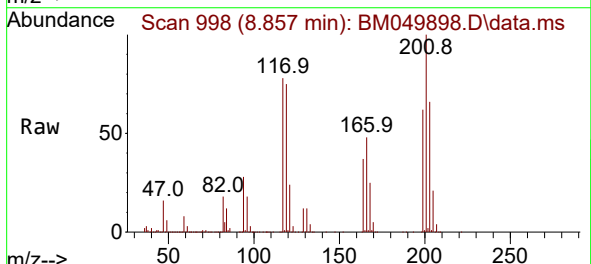
Instrument :
BNA_M
ClientSampleId :
GST3MSD

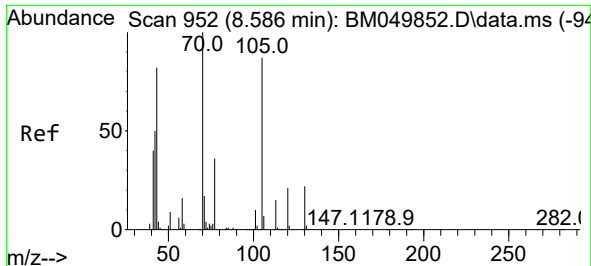
Tgt Ion:	107	Resp:	945629
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.0	136.6
77	44.3	36.5	54.7
79	43.0	34.6	51.8



#18
Hexachloroethane
Concen: 49.718 ng
RT: 8.857 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:	117	Resp:	497965
Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.5	116.3
201	128.5	97.7	146.5

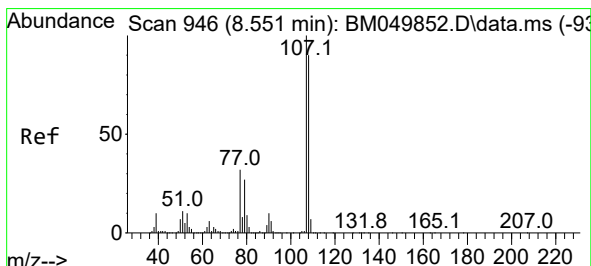
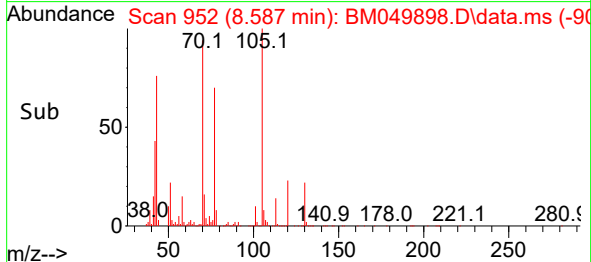
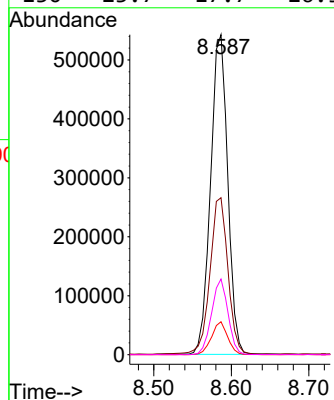
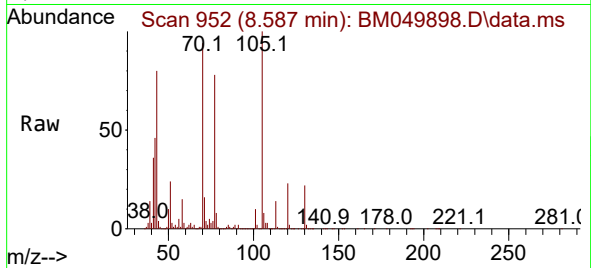




#19
n-Nitroso-di-n-propylamine
Concen: 51.130 ng
RT: 8.587 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

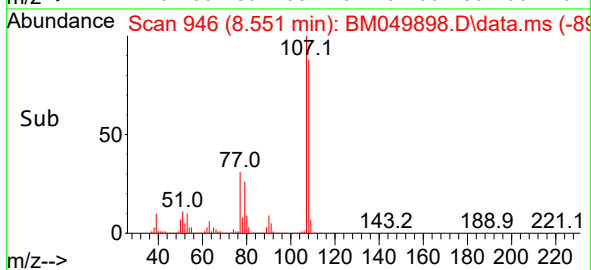
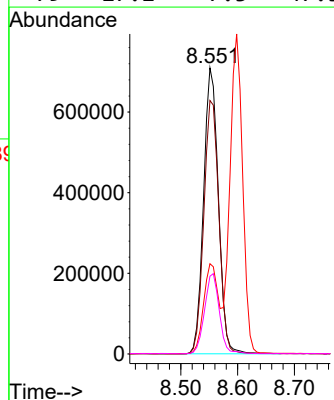
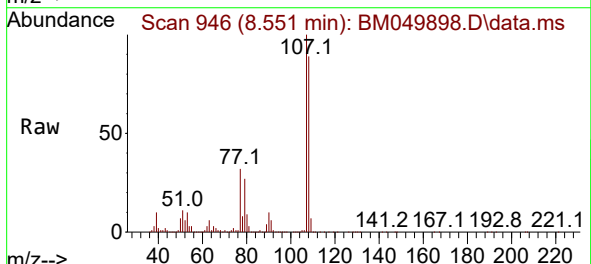
Instrument :
BNA_M
ClientSampleId :
GST3MSD

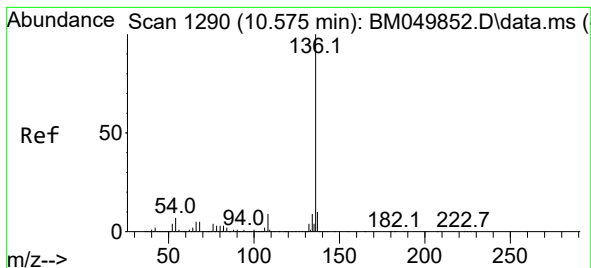
Tgt Ion: 70 Resp: 832002
Ion Ratio Lower Upper
70 100
42 49.1 40.2 60.2
101 10.3 7.9 11.9
130 23.7 17.7 26.5



#20
3+4-Methylphenols
Concen: 53.179 ng
RT: 8.551 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion: 107 Resp: 1280979
Ion Ratio Lower Upper
107 100
108 88.6 69.6 109.6
77 31.5 11.7 51.7
79 27.2 7.3 47.3

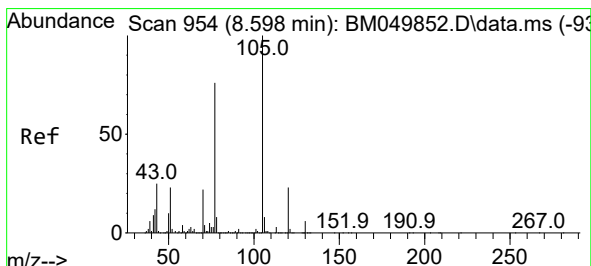
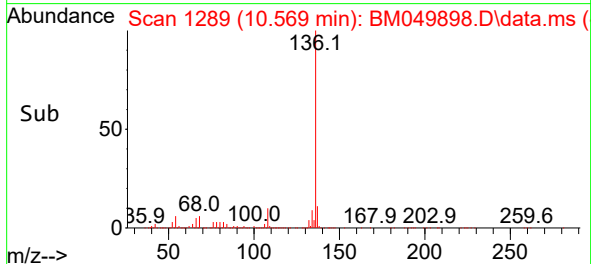
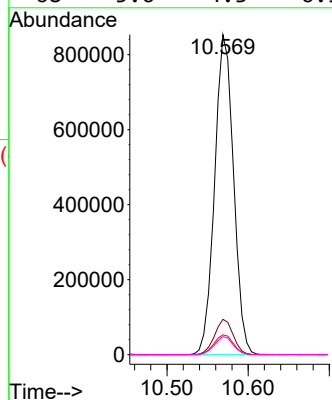
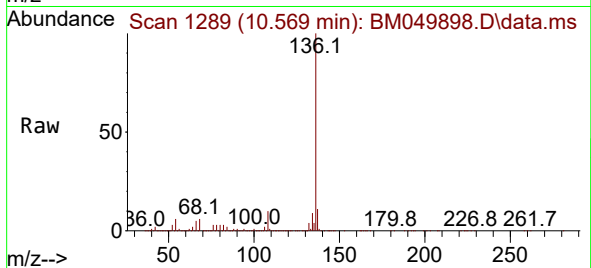




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

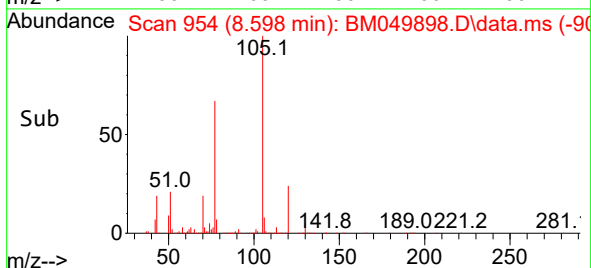
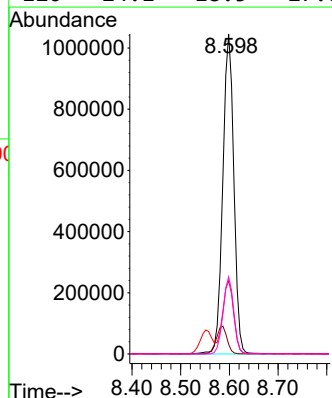
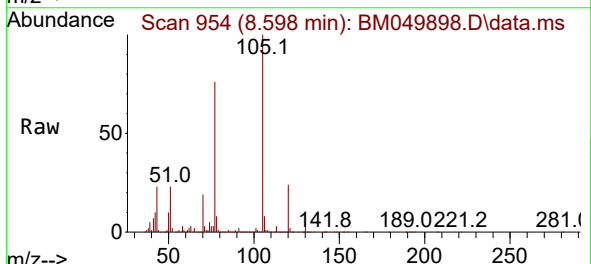
Instrument :
BNA_M
ClientSampleId :
GST3MSD

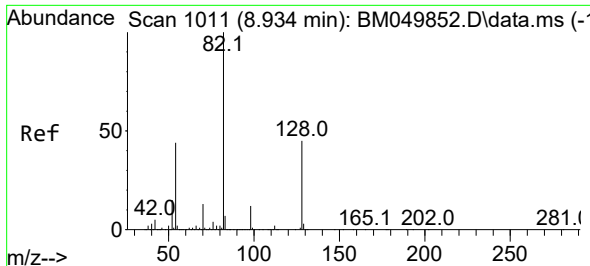
Tgt Ion:136 Resp: 1382295
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 6.2 5.3 7.9
68 5.6 4.3 6.5



#22
Acetophenone
Concen: 49.115 ng
RT: 8.598 min Scan# 954
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:105 Resp: 1649958
Ion Ratio Lower Upper
105 100
71 3.0 3.0 4.4
51 22.8 18.6 27.8
120 24.1 18.5 27.7

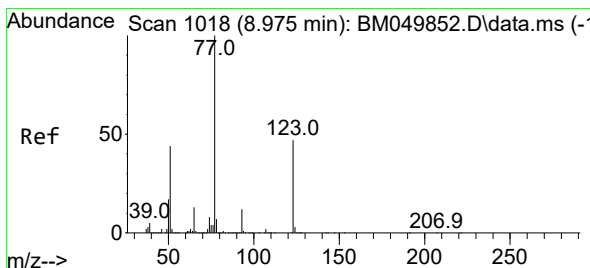
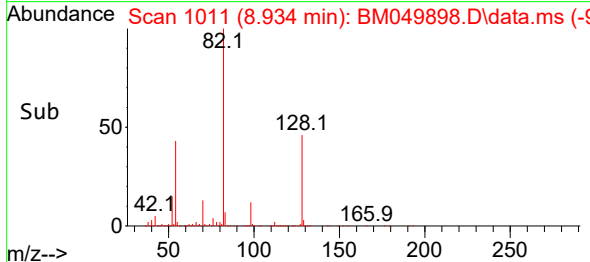
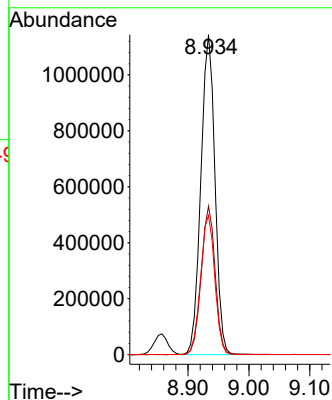
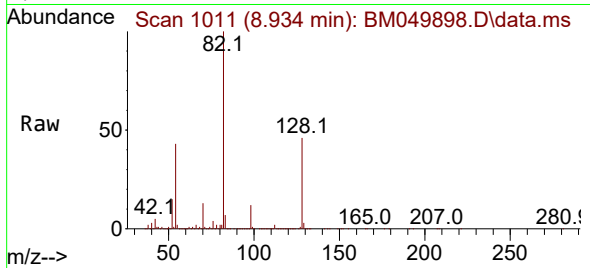




#23
Nitrobenzene-d5
Concen: 74.007 ng
RT: 8.934 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

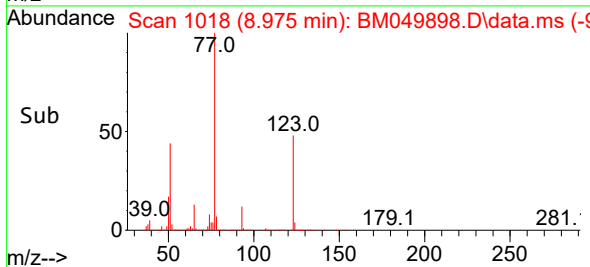
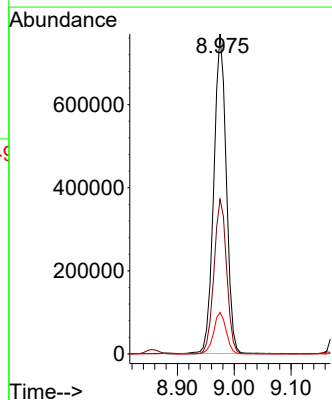
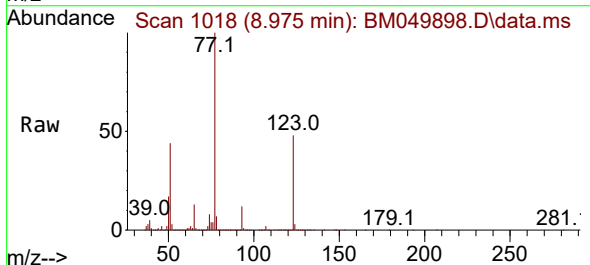
Instrument :
BNA_M
ClientSampleId :
GST3MSD

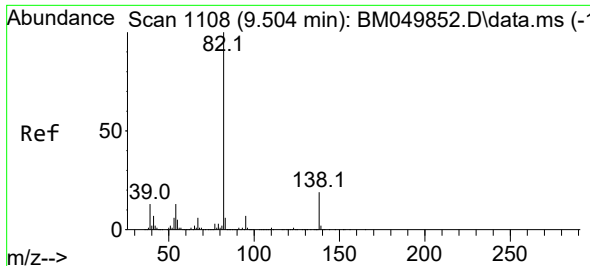
Tgt Ion: 82 Resp: 1837091
Ion Ratio Lower Upper
82 100
128 46.4 36.2 54.2
54 43.5 35.0 52.6



#24
Nitrobenzene
Concen: 48.995 ng
RT: 8.975 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion: 77 Resp: 1171100
Ion Ratio Lower Upper
77 100
123 48.4 37.4 56.2
65 13.0 10.1 15.1

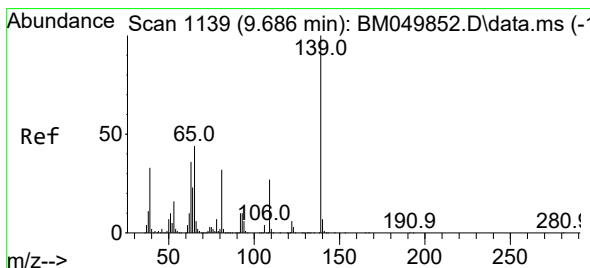
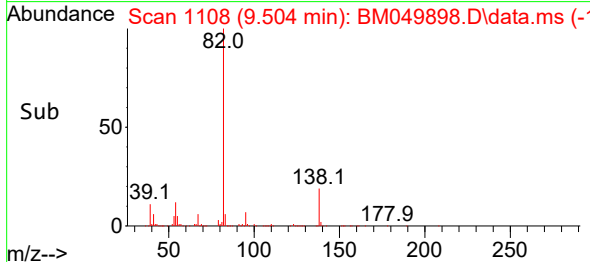
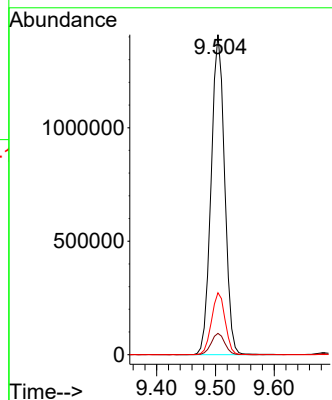
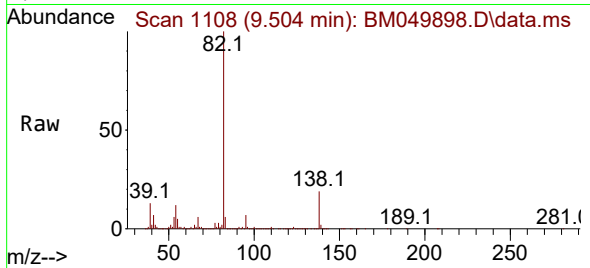




#25
Isophorone
Concen: 53.975 ng
RT: 9.504 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

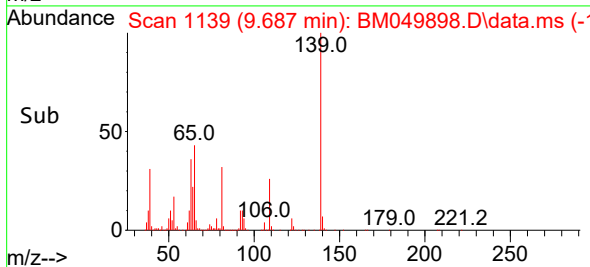
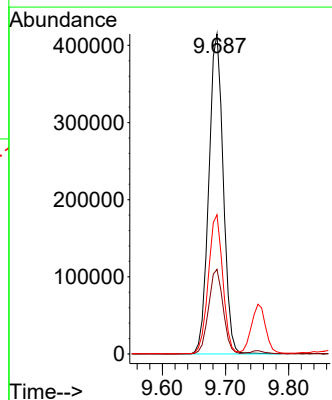
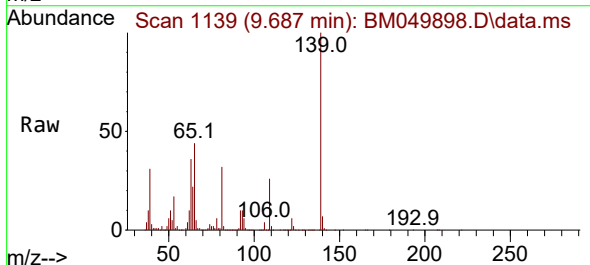
Instrument :
BNA_M
ClientSampleId :
GST3MSD

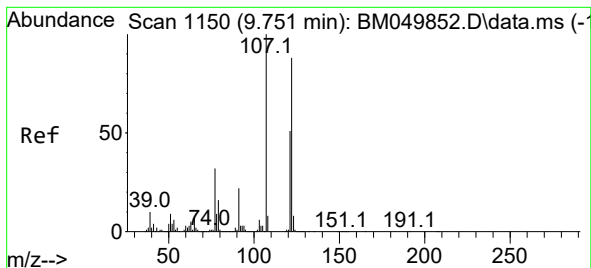
Tgt Ion: 82 Resp: 2244514
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.2
138 19.3 15.0 22.6



#26
2-Nitrophenol
Concen: 51.842 ng
RT: 9.687 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion: 139 Resp: 656771
Ion Ratio Lower Upper
139 100
109 26.4 21.7 32.5
65 43.5 35.2 52.8

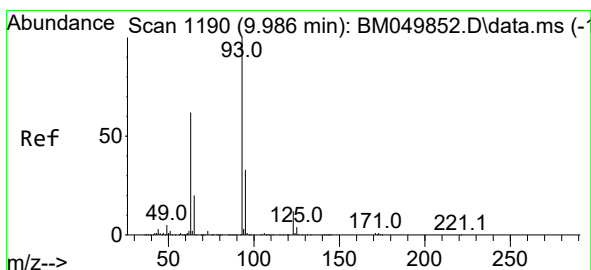
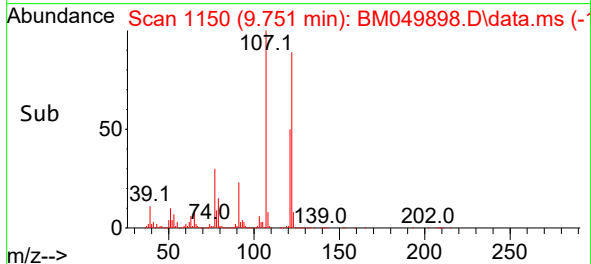
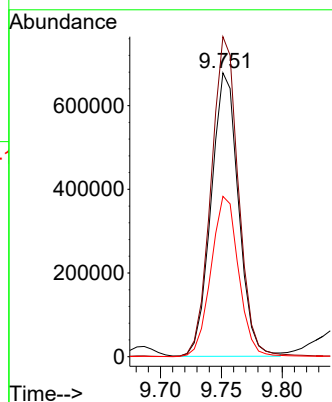
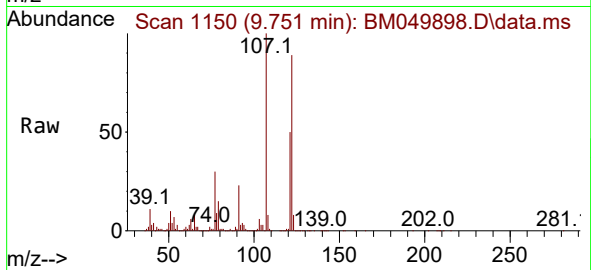




#27
2,4-Dimethylphenol
Concen: 73.831 ng
RT: 9.751 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

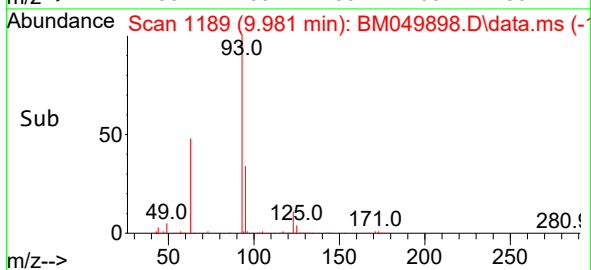
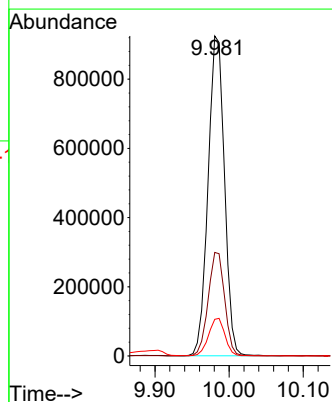
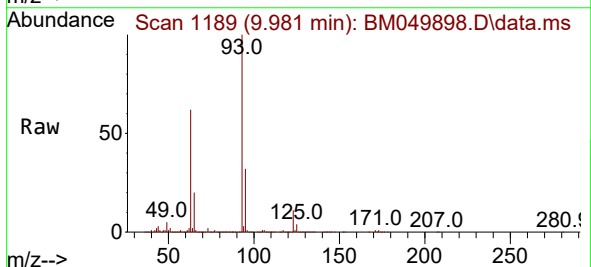
Instrument :
BNA_M
ClientSampleId :
GST3MSD

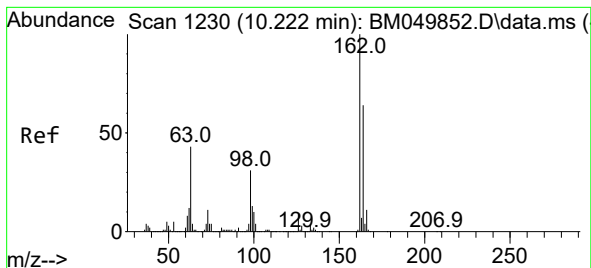
Tgt Ion:122 Resp: 1060021
Ion Ratio Lower Upper
122 100
107 112.8 90.3 135.5
121 56.5 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 51.081 ng
RT: 9.981 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion: 93 Resp: 1422065
Ion Ratio Lower Upper
93 100
95 32.3 26.6 40.0
123 11.4 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 51.738 ng

RT: 10.222 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

Instrument :

BNA_M

ClientSampleId :

GST3MSD

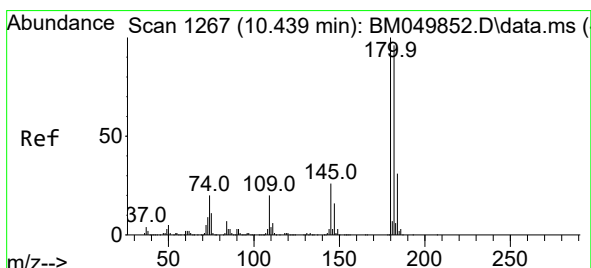
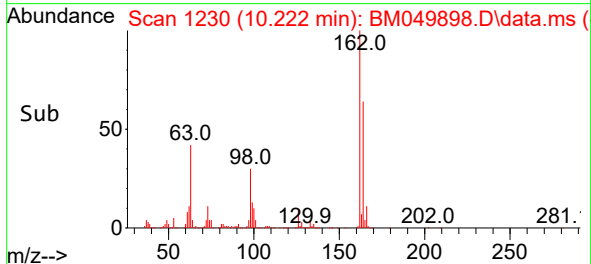
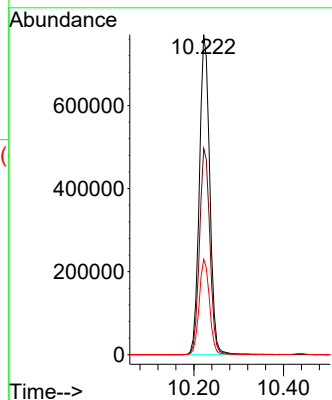
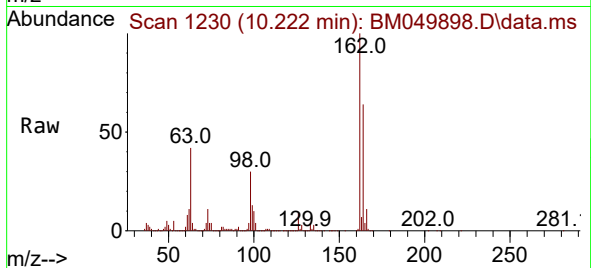
Tgt Ion:162 Resp: 1234756

Ion Ratio Lower Upper

162 100

164 64.4 44.3 84.3

98 29.8 10.9 50.9



#30

1,2,4-Trichlorobenzene

Concen: 49.981 ng

RT: 10.434 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

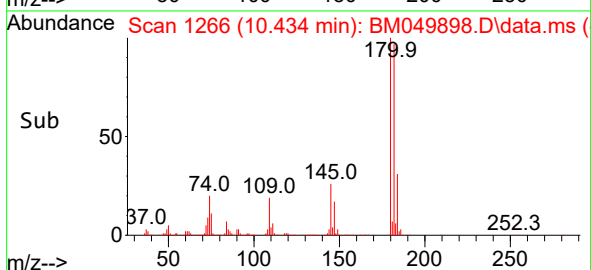
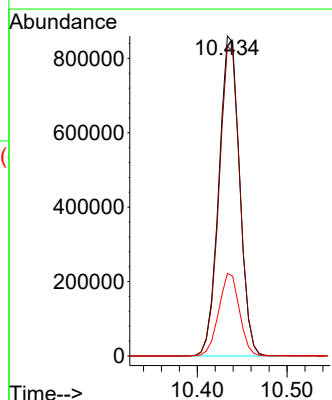
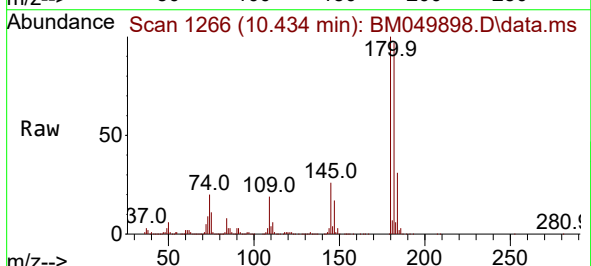
Tgt Ion:180 Resp: 1379917

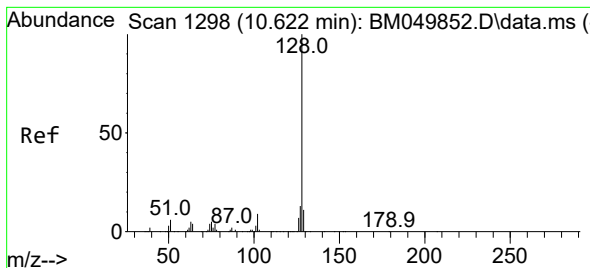
Ion Ratio Lower Upper

180 100

182 96.8 76.7 115.1

145 25.8 20.8 31.2

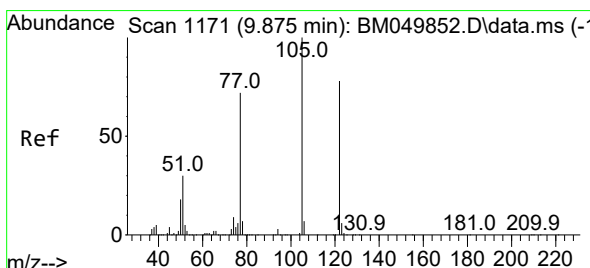
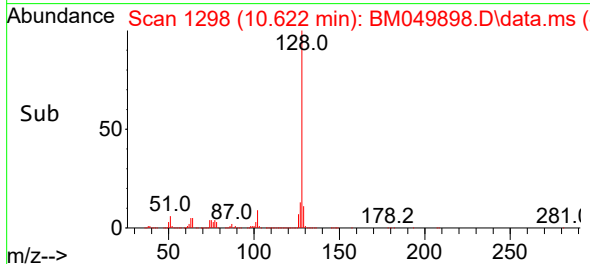
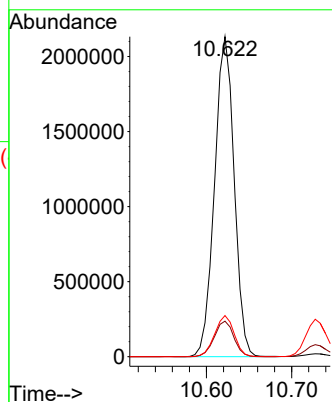
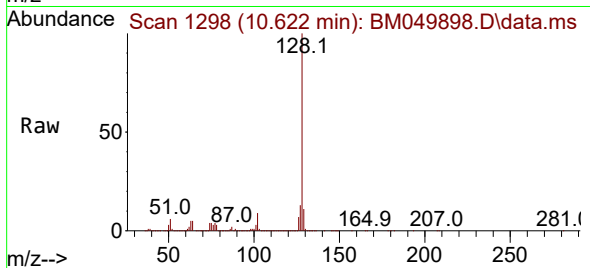




#31
Naphthalene
Concen: 47.951 ng
RT: 10.622 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

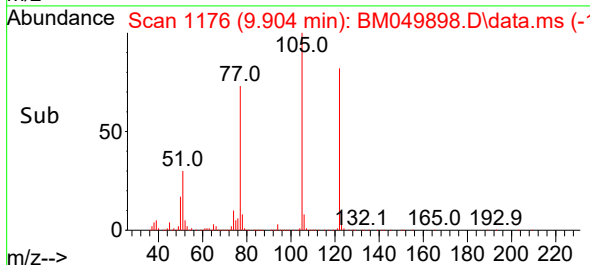
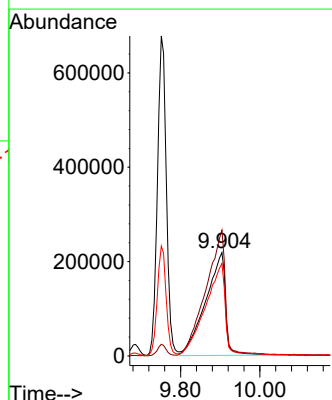
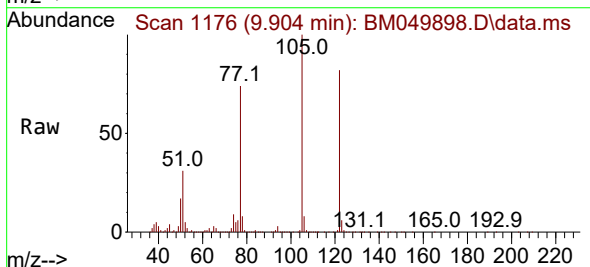
Instrument :
BNA_M
ClientSampleId :
GST3MSD

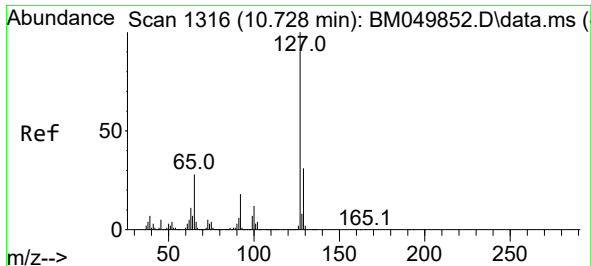
Tgt Ion:128 Resp: 3405888
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 43.585 ng
RT: 9.904 min Scan# 1176
Delta R.T. 0.029 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:122 Resp: 758654
Ion Ratio Lower Upper
122 100
105 121.6 103.8 143.8
77 89.5 70.7 110.7

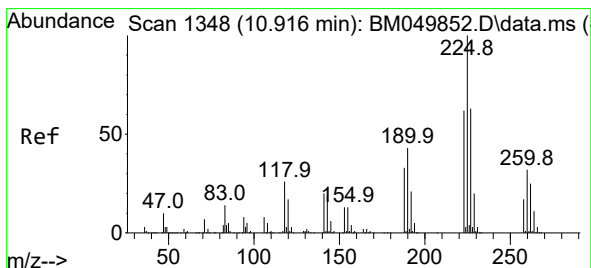
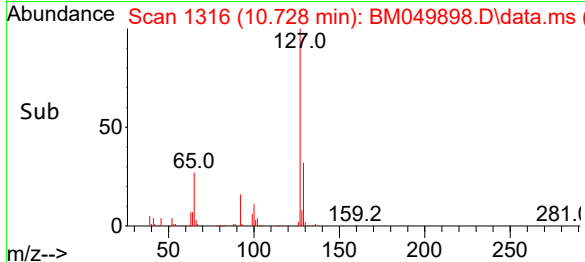
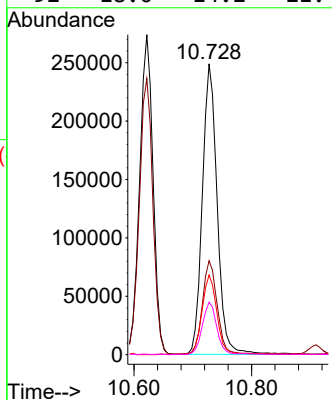
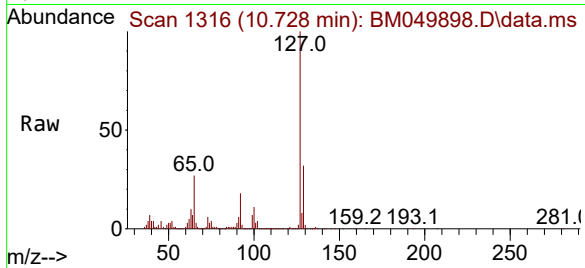




#33
4-Chloroaniline
Concen: 17.340 ng
RT: 10.728 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

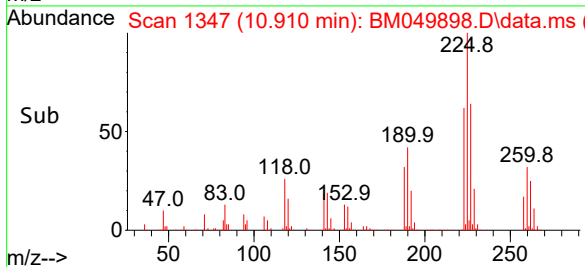
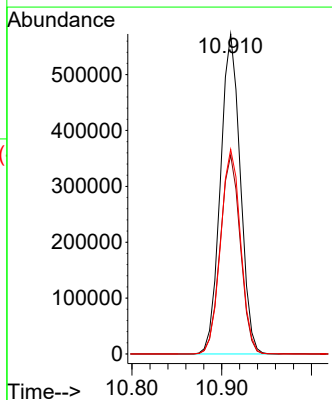
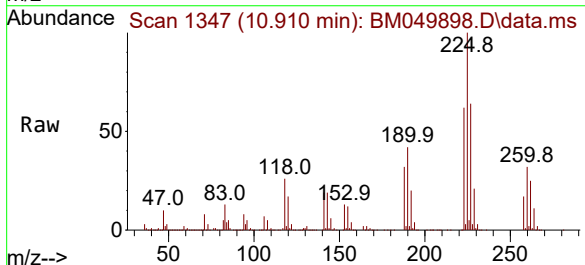
Instrument :
BNA_M
ClientSampleId :
GST3MSD

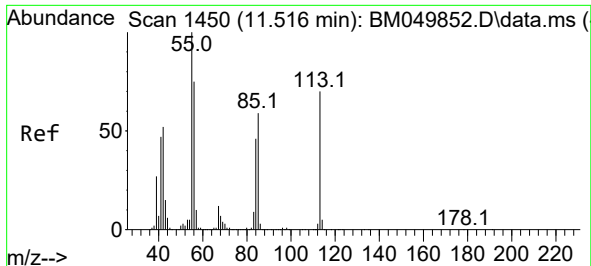
Tgt Ion:	127	Resp:	434899
Ion	Ratio	Lower	Upper
127	100		
129	32.3	24.9	37.3
65	27.4	22.4	33.6
92	18.0	14.2	21.4



#34
Hexachlorobutadiene
Concen: 51.446 ng
RT: 10.910 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:	225	Resp:	878595
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.4	74.2
227	64.0	50.1	75.1

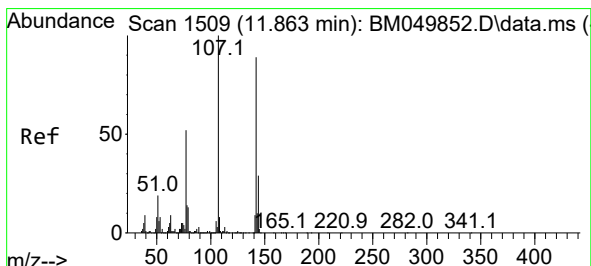
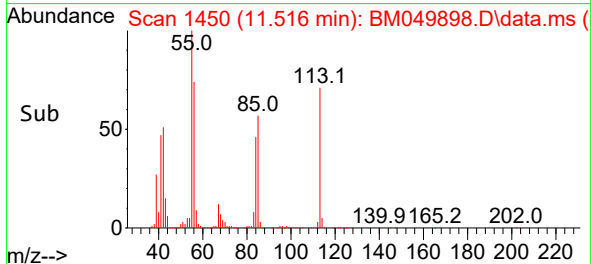
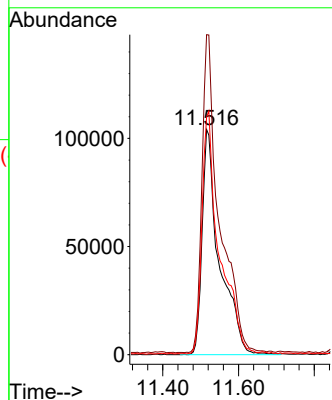
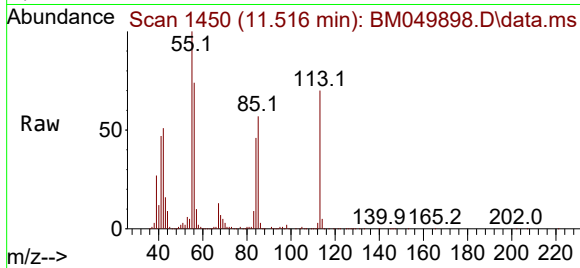




#35
Caprolactam
Concen: 48.174 ng
RT: 11.516 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

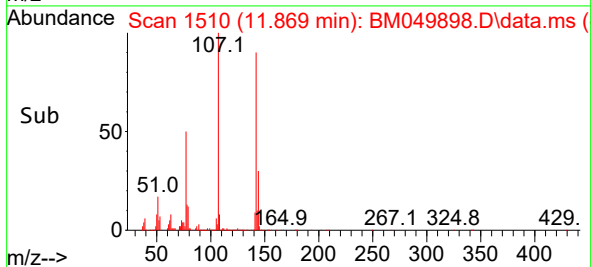
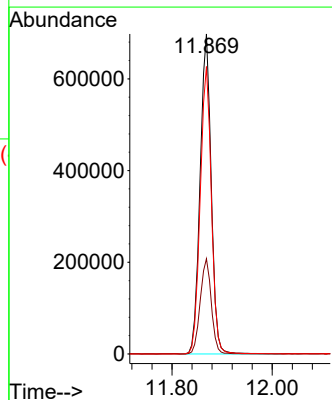
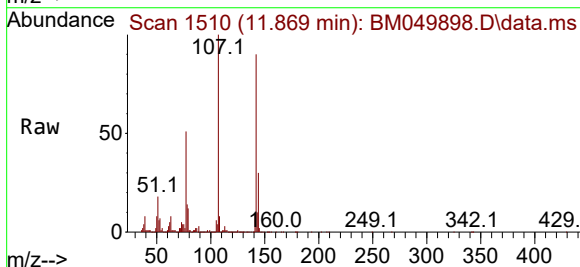
Instrument :
BNA_M
ClientSampleId :
GST3MSD

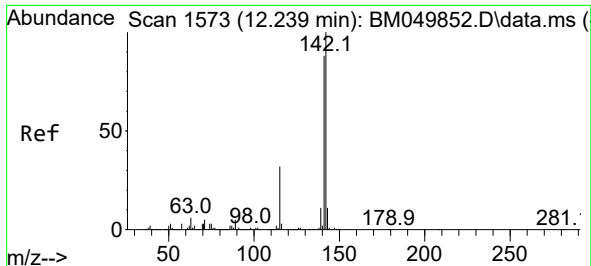
Tgt Ion:113 Resp: 329748
Ion Ratio Lower Upper
113 100
55 142.2 124.3 164.3
56 105.5 87.5 127.5



#36
4-Chloro-3-methylphenol
Concen: 51.180 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:107 Resp: 1069922
Ion Ratio Lower Upper
107 100
144 29.7 23.6 35.4
142 89.8 71.4 107.0

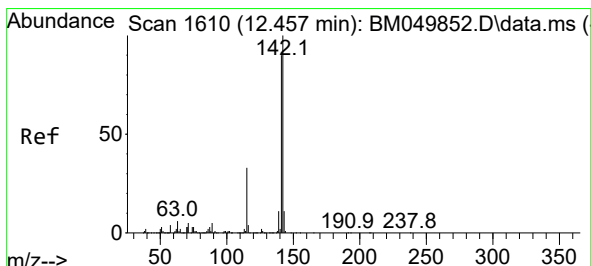
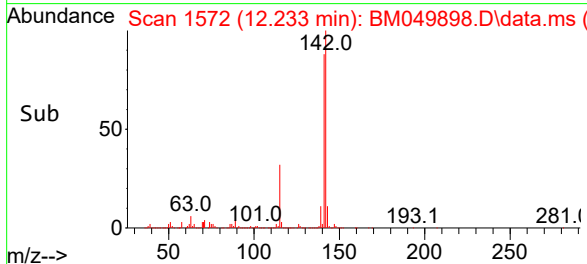
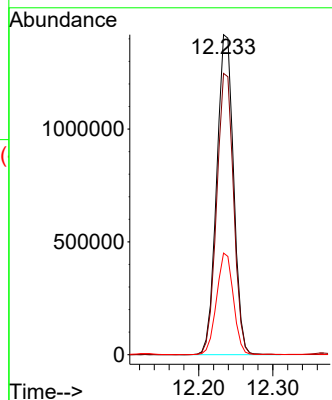
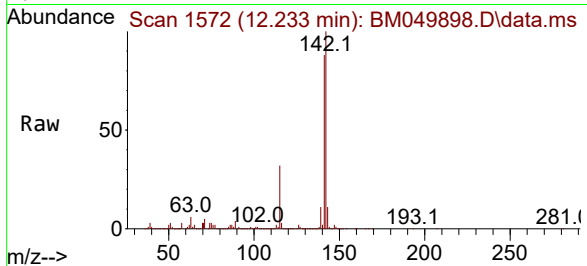




#37
2-Methylnaphthalene
Concen: 44.976 ng
RT: 12.233 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

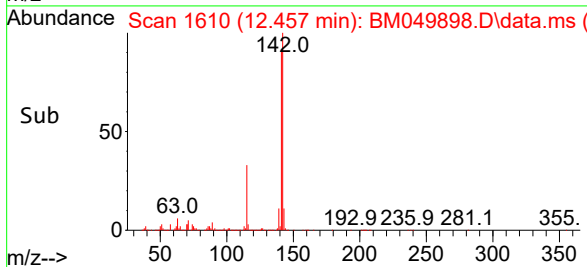
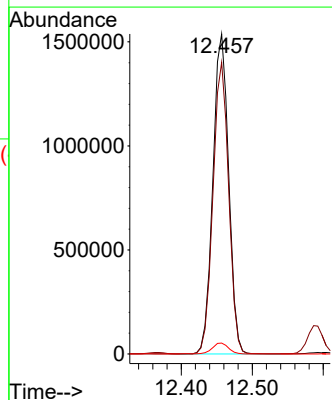
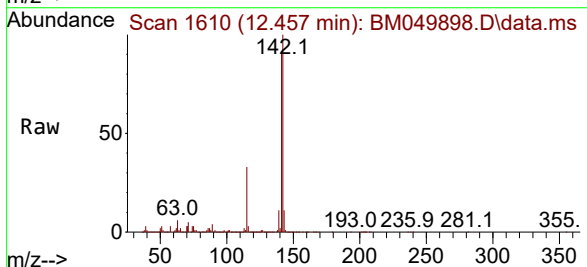
Instrument :
BNA_M
ClientSampleId :
GST3MSD

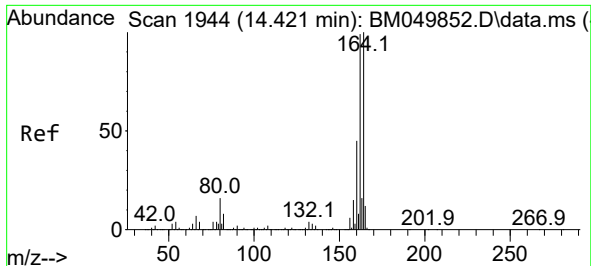
Tgt Ion:142 Resp: 2250762
Ion Ratio Lower Upper
142 100
141 87.9 70.2 105.2
115 31.8 25.4 38.2



#38
1-Methylnaphthalene
Concen: 48.495 ng
RT: 12.457 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:142 Resp: 2364350
Ion Ratio Lower Upper
142 100
141 91.1 72.2 108.2
116 3.4 2.9 4.3

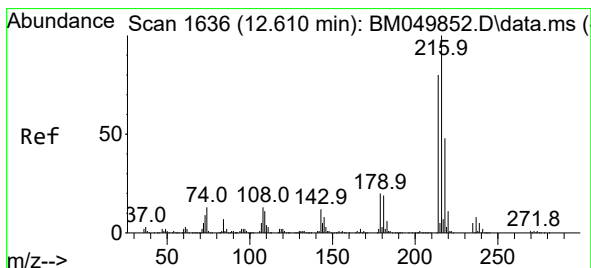
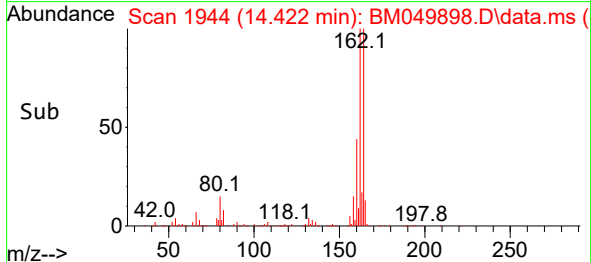
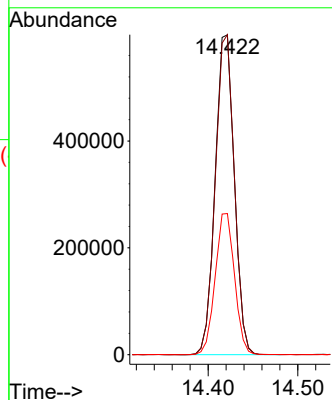
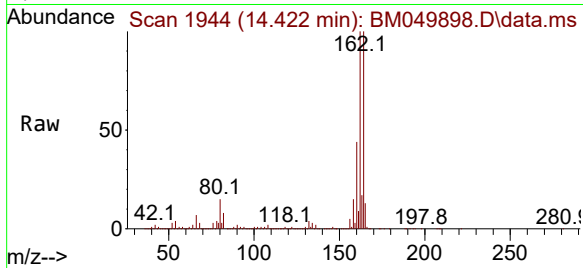




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

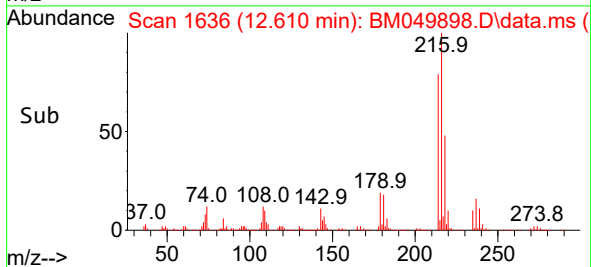
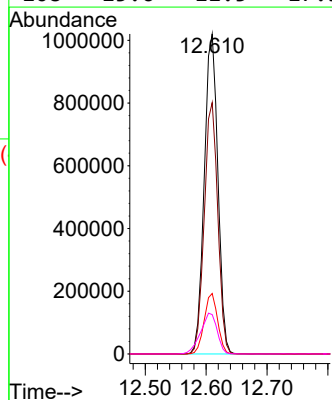
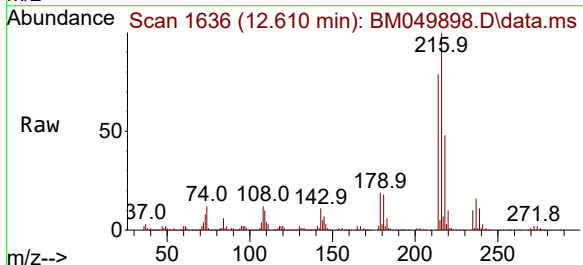
Instrument :
BNA_M
ClientSampleId :
GST3MSD

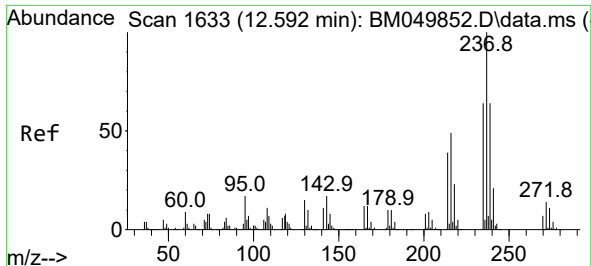
Tgt Ion:164 Resp: 886995
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.0
160 44.1 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.897 ng
RT: 12.610 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:216 Resp: 1579385
Ion Ratio Lower Upper
216 100
214 78.1 63.2 94.8
179 18.7 15.8 23.6
108 15.6 11.5 17.3

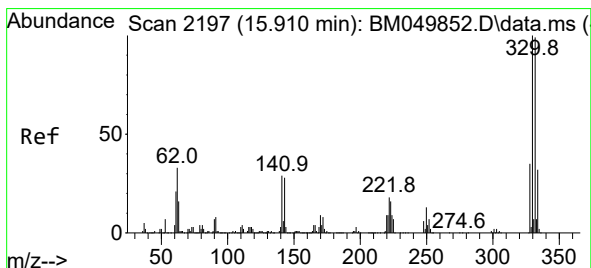
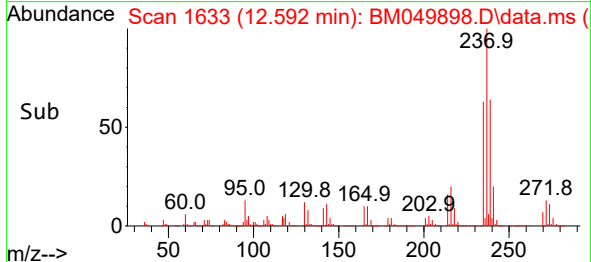
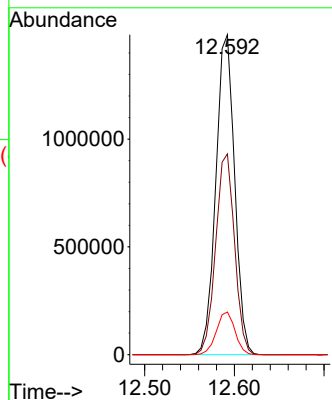
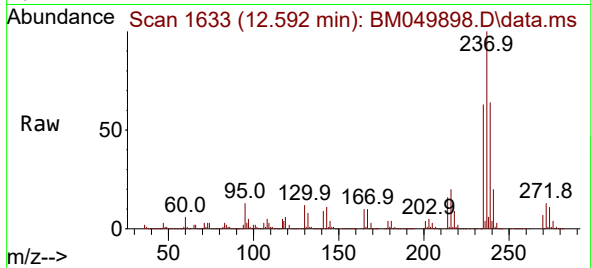




#41
Hexachlorocyclopentadiene
Concen: 198.461 ng
RT: 12.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

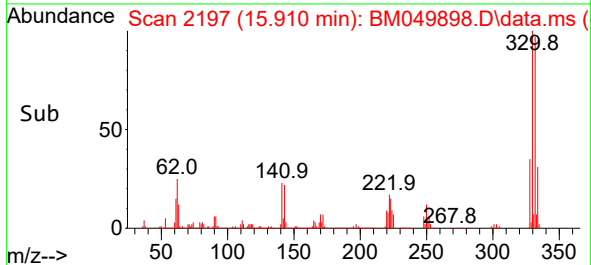
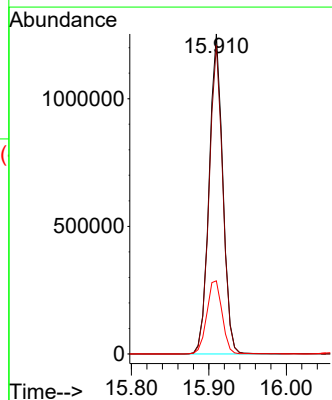
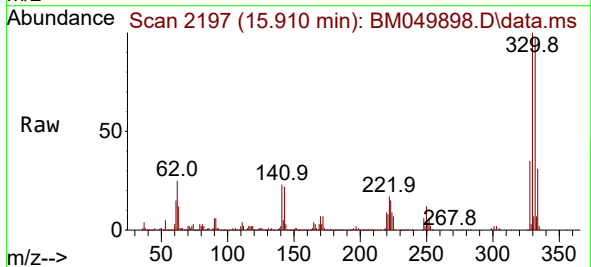
Instrument :
BNA_M
ClientSampleId :
GST3MSD

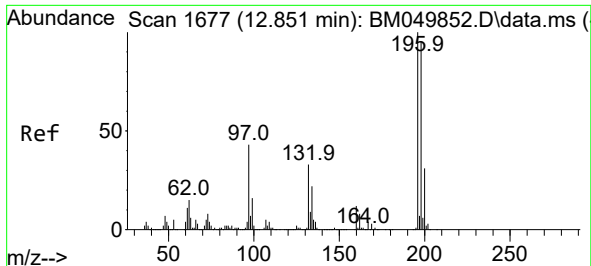
Tgt Ion:237 Resp: 2157971
Ion Ratio Lower Upper
237 100
235 62.7 43.7 83.7
272 13.3 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 119.016 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:330 Resp: 1535504
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 25.6 23.5 35.3

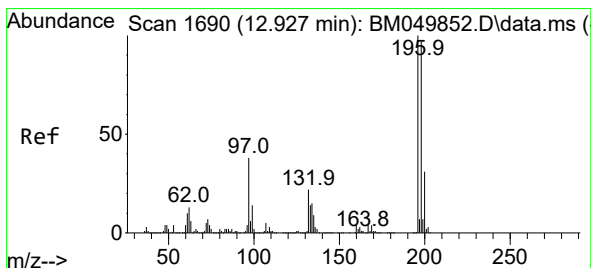
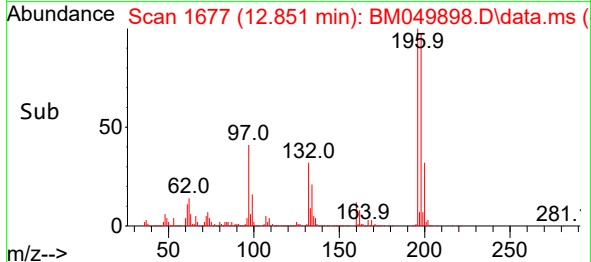
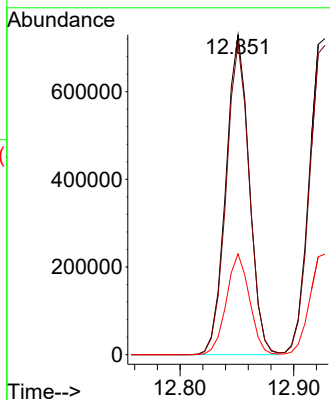
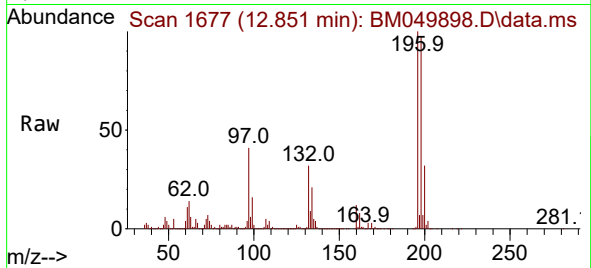




#43
2,4,6-Trichlorophenol
Concen: 52.643 ng
RT: 12.851 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

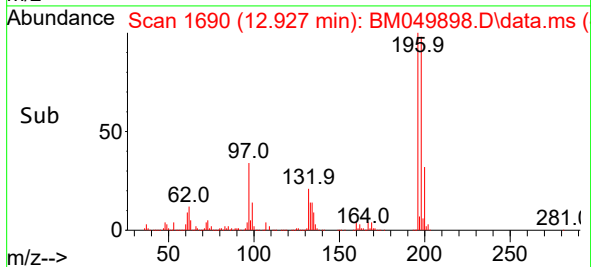
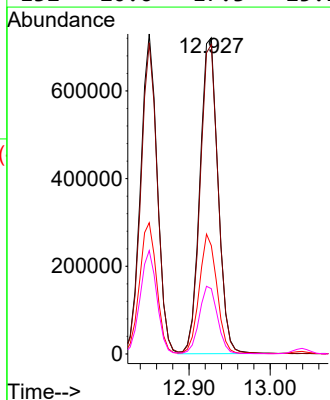
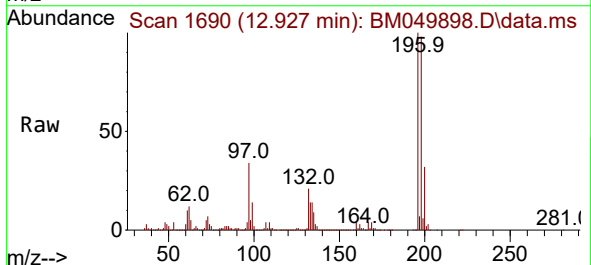
Instrument :
BNA_M
ClientSampleId :
GST3MSD

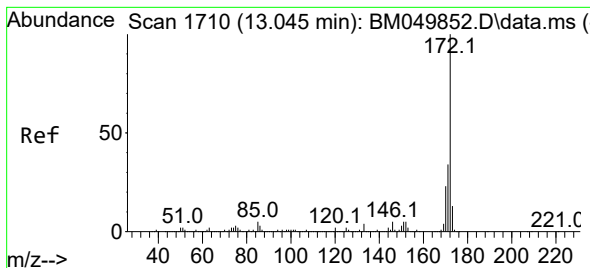
Tgt Ion:196 Resp: 1039494
Ion Ratio Lower Upper
196 100
198 97.2 76.1 114.1
200 31.5 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 51.877 ng
RT: 12.927 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:196 Resp: 1113199
Ion Ratio Lower Upper
196 100
198 97.8 77.7 116.5
97 34.3 30.3 45.5
132 20.6 17.3 25.9





#45

2-Fluorobiphenyl

Concen: 73.933 ng

RT: 13.039 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

Instrument :

BNA_M

ClientSampleId :

GST3MSD

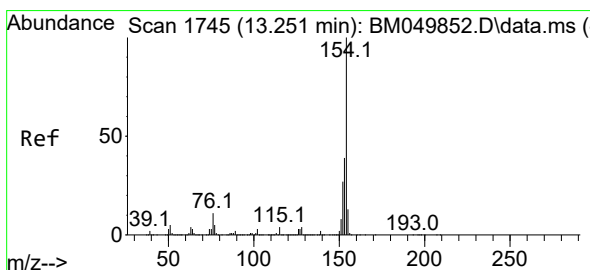
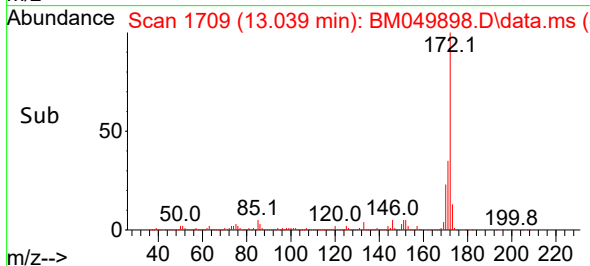
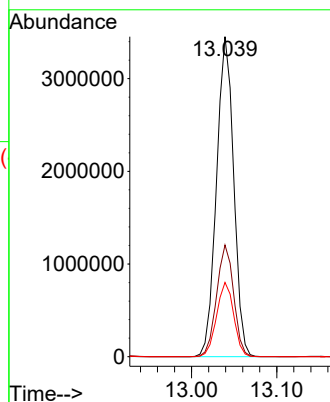
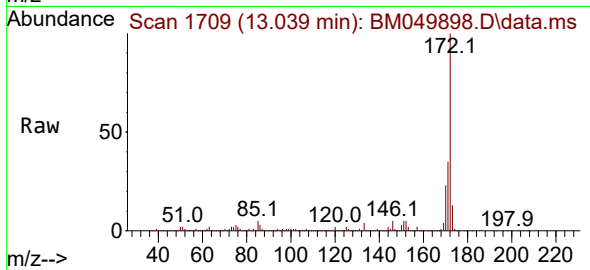
Tgt Ion:172 Resp: 4836128

Ion Ratio Lower Upper

172 100

171 34.9 27.4 41.2

170 23.2 18.6 28.0



#46

1,1'-Biphenyl

Concen: 49.661 ng

RT: 13.251 min Scan# 1745

Delta R.T. 0.000 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

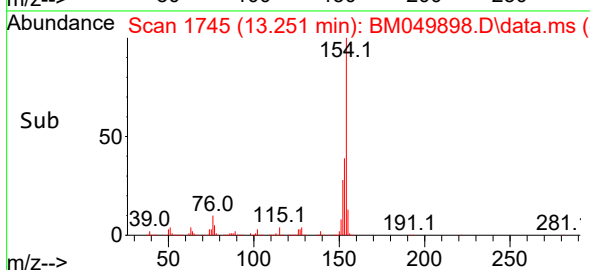
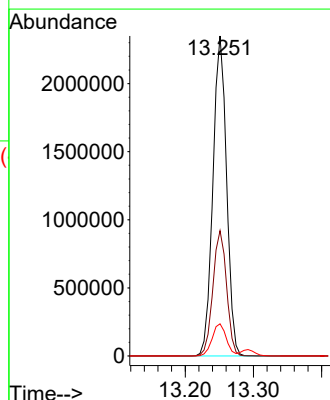
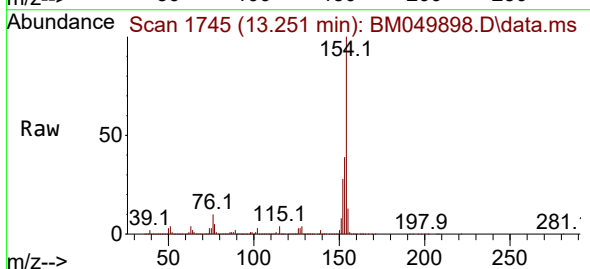
Tgt Ion:154 Resp: 3274438

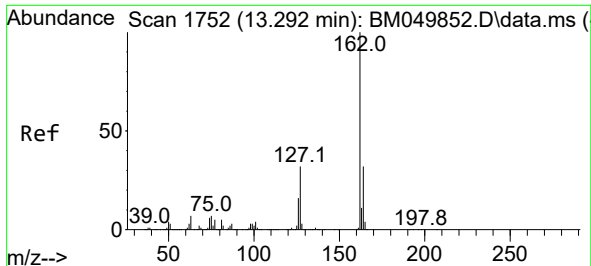
Ion Ratio Lower Upper

154 100

153 39.2 19.3 59.3

76 10.1 0.0 30.7

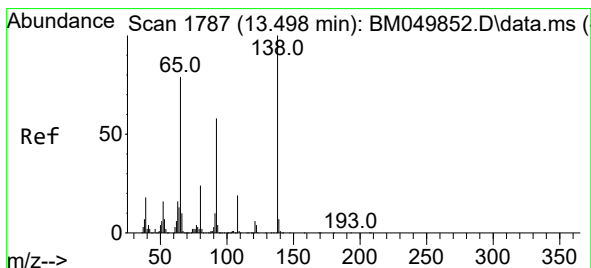
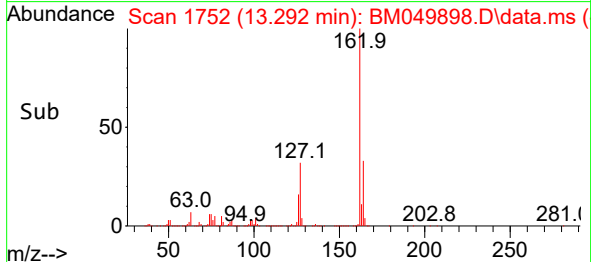
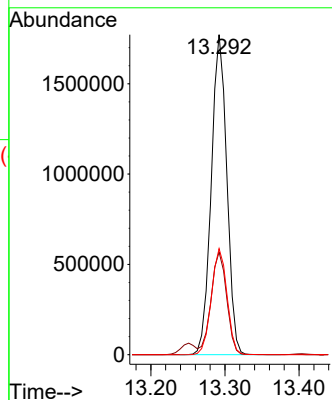
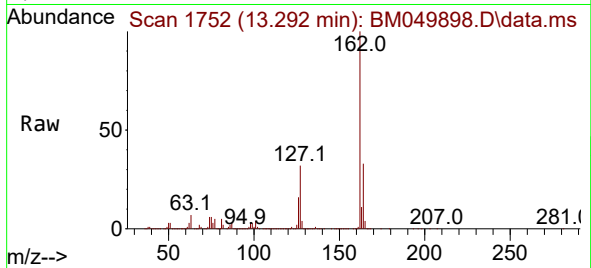




#47
2-Chloronaphthalene
Concen: 49.784 ng
RT: 13.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

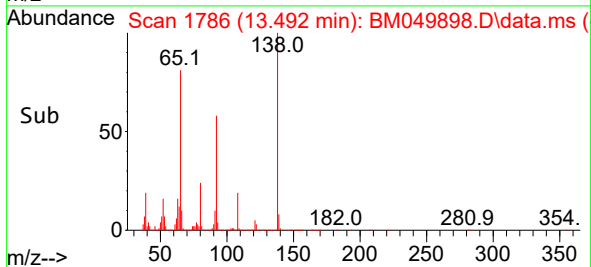
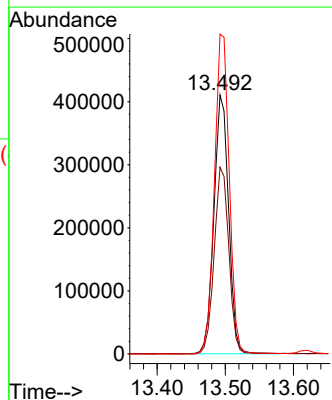
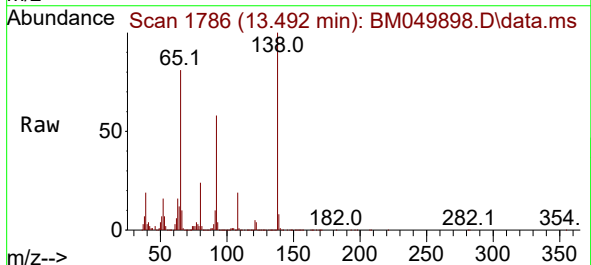
Instrument :
BNA_M
ClientSampleId :
GST3MSD

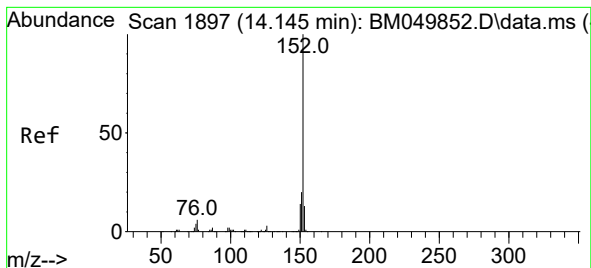
Tgt Ion:162 Resp: 2580046
Ion Ratio Lower Upper
162 100
127 32.0 26.0 39.0
164 33.1 25.9 38.9



#48
2-Nitroaniline
Concen: 51.442 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion: 65 Resp: 616761
Ion Ratio Lower Upper
65 100
92 72.1 58.4 87.6
138 123.6 100.8 151.2





#49

Acenaphthylene

Concen: 53.772 ng

RT: 14.139 min Scan# 1896

Delta R.T. -0.006 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

Instrument :

BNA_M

ClientSampleId :

GST3MSD

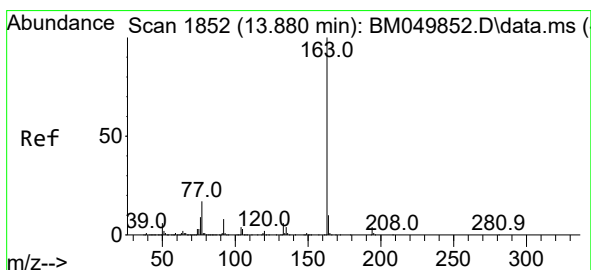
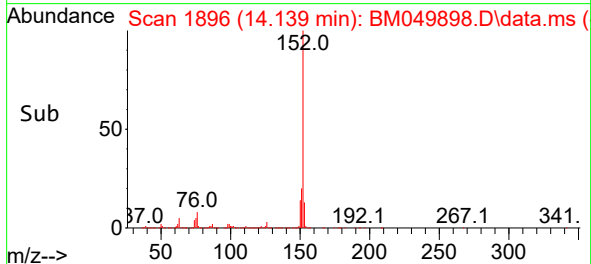
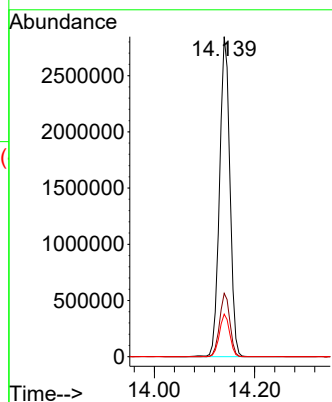
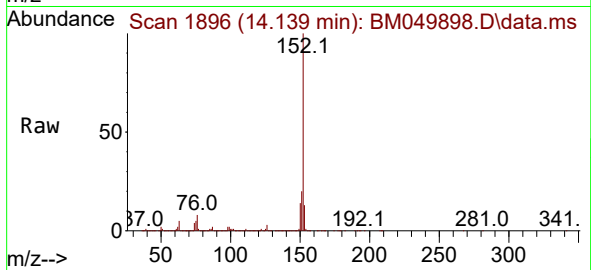
Tgt Ion:152 Resp: 4059287

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 49.735 ng

RT: 13.880 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

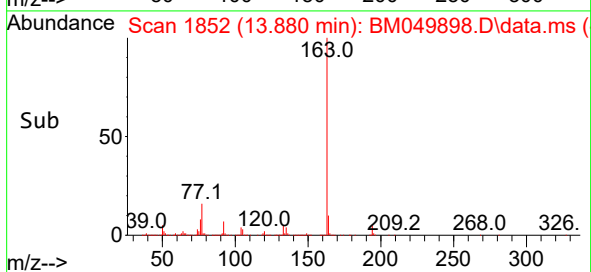
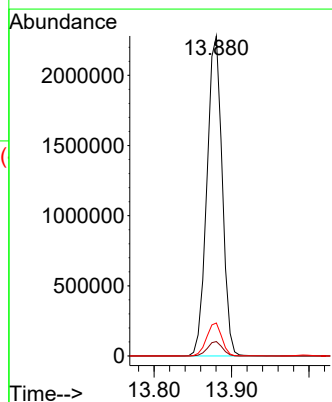
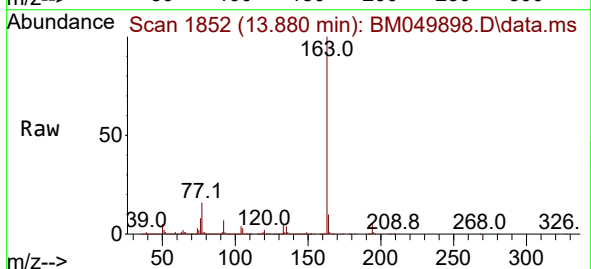
Tgt Ion:163 Resp: 3112245

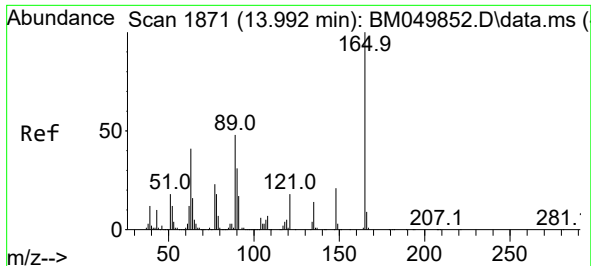
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.3 7.9 11.9

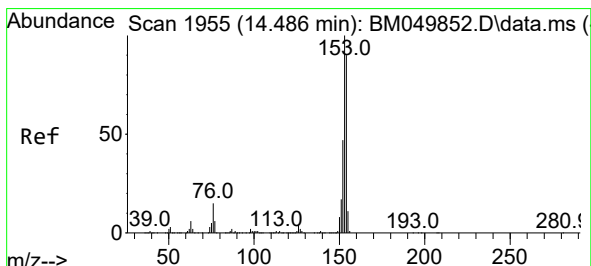
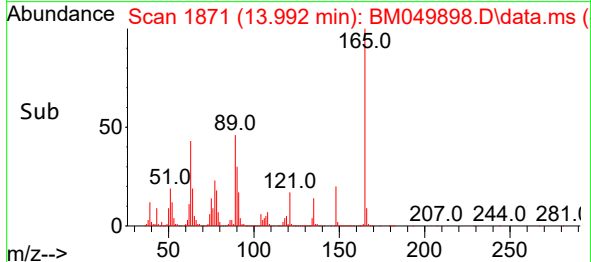
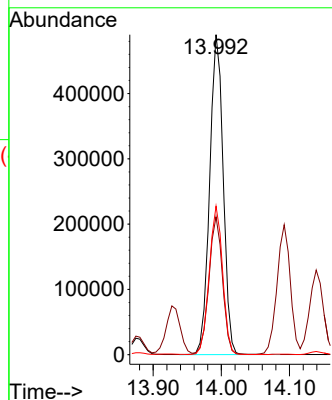
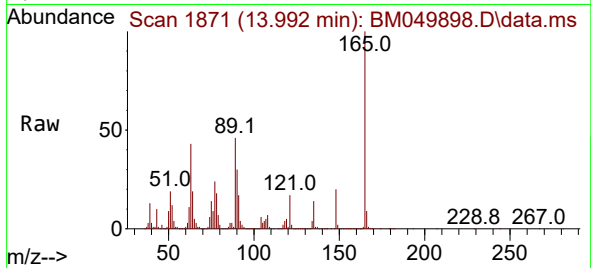




#51
2,6-Dinitrotoluene
Concen: 51.615 ng
RT: 13.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

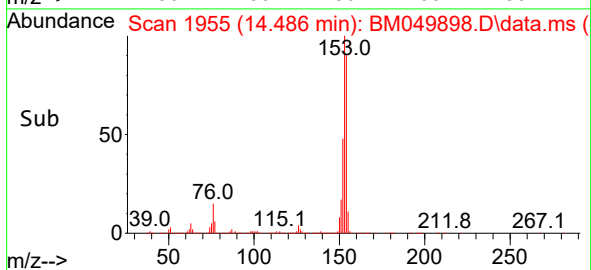
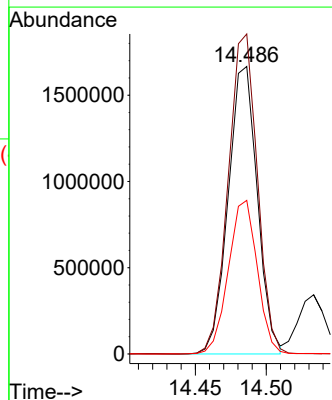
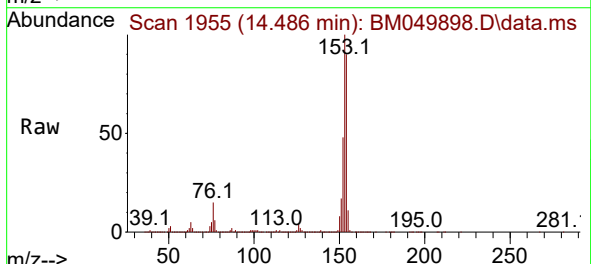
Instrument :
BNA_M
ClientSampleId :
GST3MSD

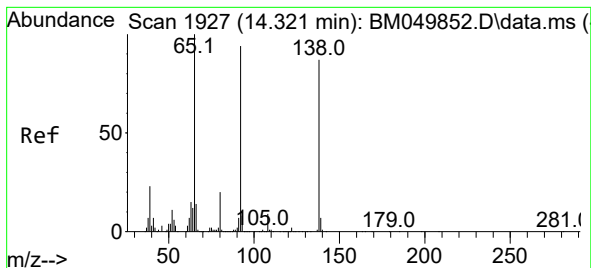
Tgt Ion:165 Resp: 676696
Ion Ratio Lower Upper
165 100
63 43.1 36.1 54.1
89 46.4 38.3 57.5



#52
Acenaphthene
Concen: 49.499 ng
RT: 14.486 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:154 Resp: 2376842
Ion Ratio Lower Upper
154 100
153 111.3 89.3 133.9
152 53.4 42.2 63.2

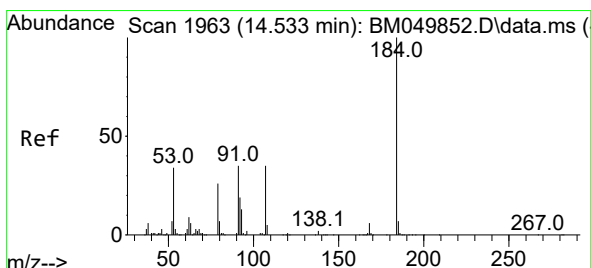
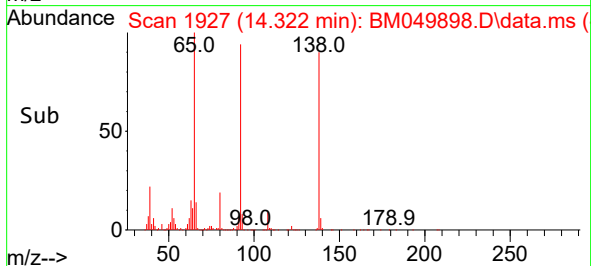
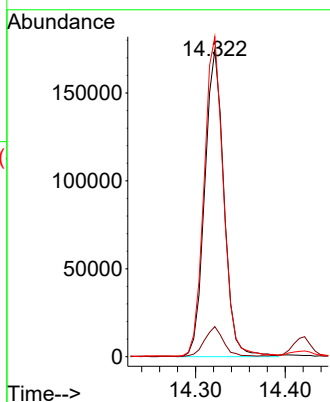
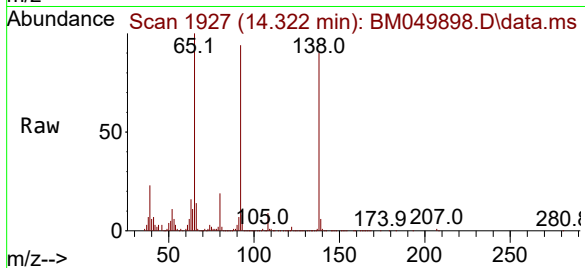




#53
3-Nitroaniline
Concen: 20.517 ng
RT: 14.322 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

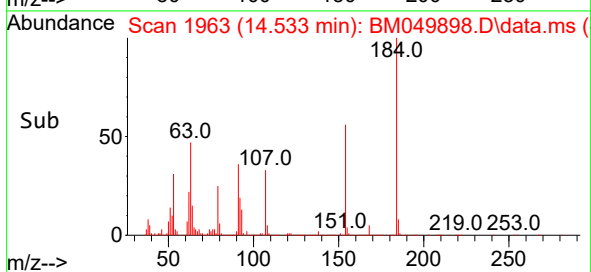
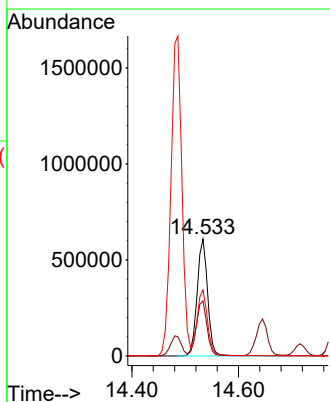
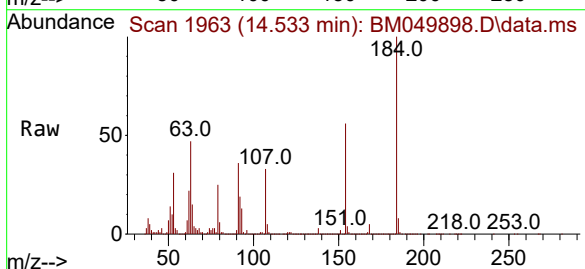
Instrument :
BNA_M
ClientSampleId :
GST3MSD

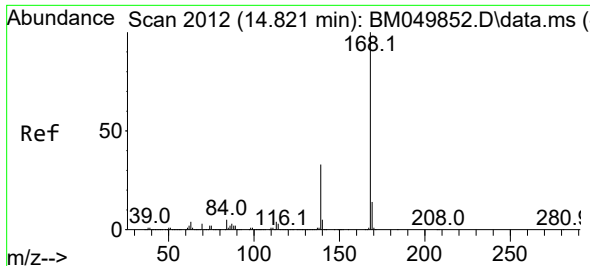
Tgt Ion:138 Resp: 259980
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 104.3 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 87.613 ng
RT: 14.533 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:184 Resp: 839012
Ion Ratio Lower Upper
184 100
63 47.1 38.4 57.6
154 56.4 48.1 72.1

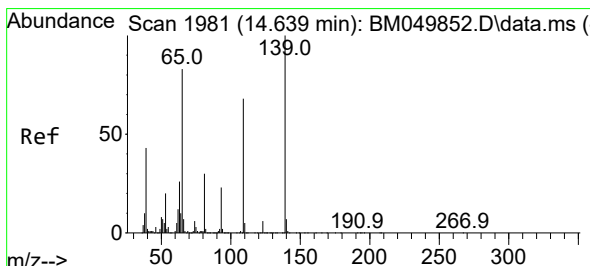
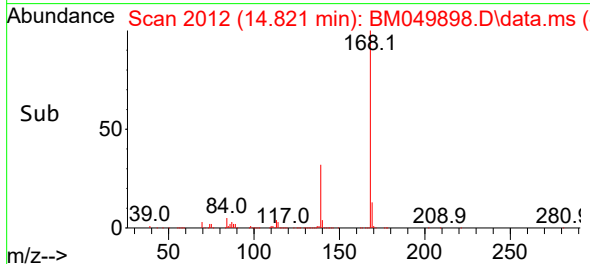
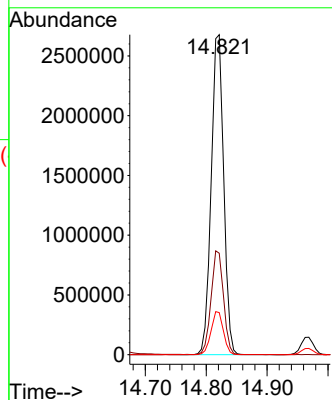
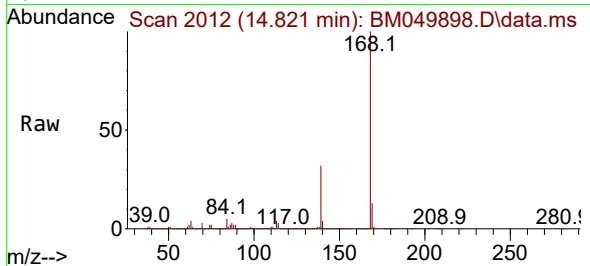




#55
Dibenzofuran
Concen: 47.518 ng
RT: 14.821 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

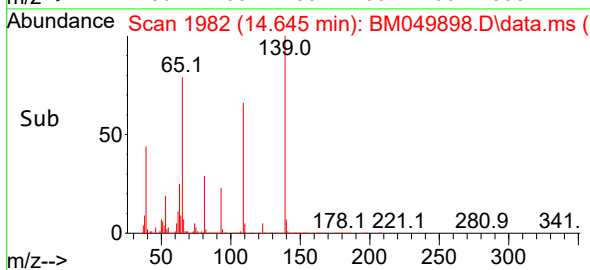
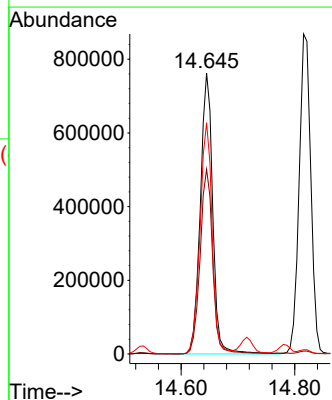
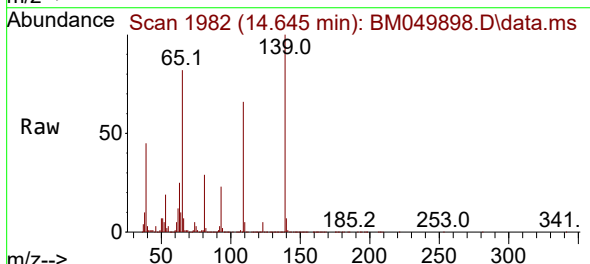
Instrument :
BNA_M
ClientSampleId :
GST3MSD

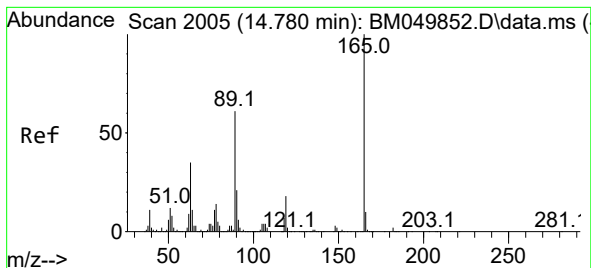
Tgt Ion:168 Resp: 3814383
Ion Ratio Lower Upper
168 100
139 31.7 26.6 39.8
169 13.2 11.0 16.4



#56
4-Nitrophenol
Concen: 102.722 ng
RT: 14.645 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:139 Resp: 1159928
Ion Ratio Lower Upper
139 100
109 65.7 47.9 87.9
65 82.3 62.7 102.7

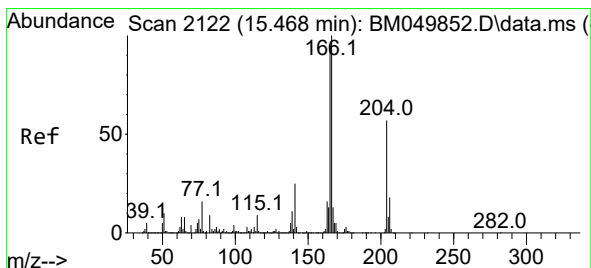
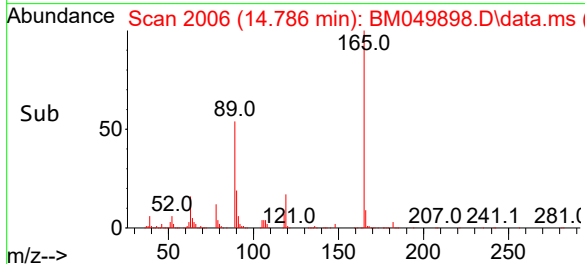
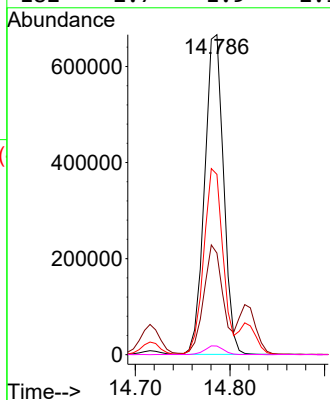
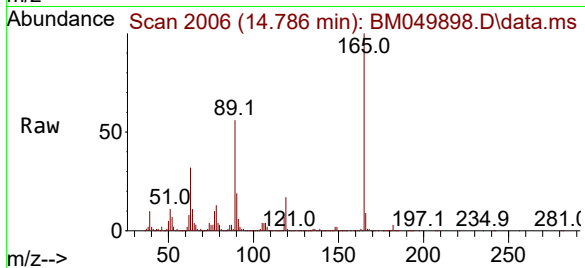




#57
2,4-Dinitrotoluene
Concen: 52.703 ng
RT: 14.786 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

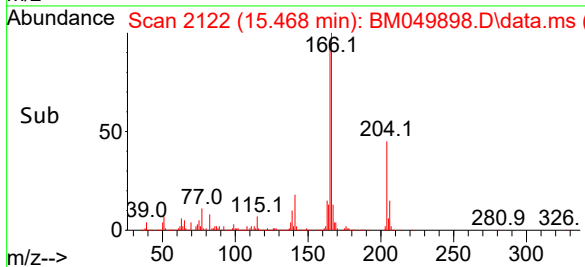
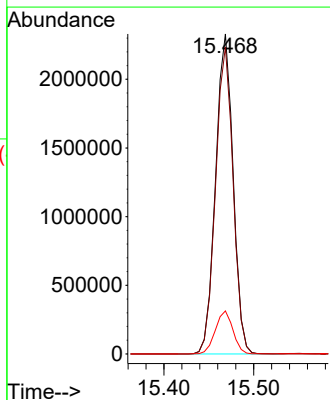
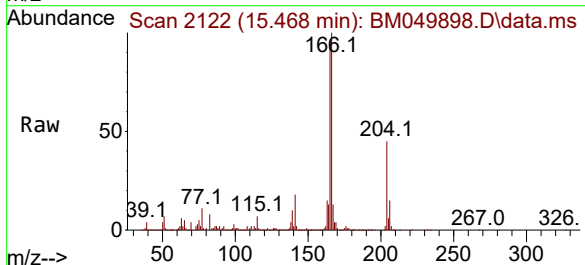
Instrument :
BNA_M
ClientSampleId :
GST3MSD

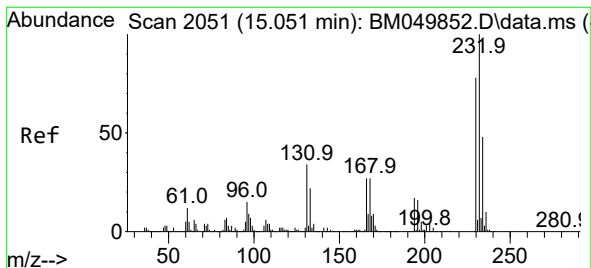
Tgt Ion:165 Resp: 921810
Ion Ratio Lower Upper
165 100
63 31.7 28.6 42.8
89 56.4 49.0 73.6
182 2.7 1.9 2.9



#58
Fluorene
Concen: 49.581 ng
RT: 15.468 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:166 Resp: 3163617
Ion Ratio Lower Upper
166 100
165 95.9 76.3 114.5
167 13.5 10.7 16.1



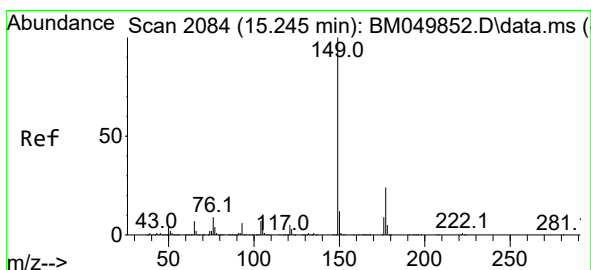
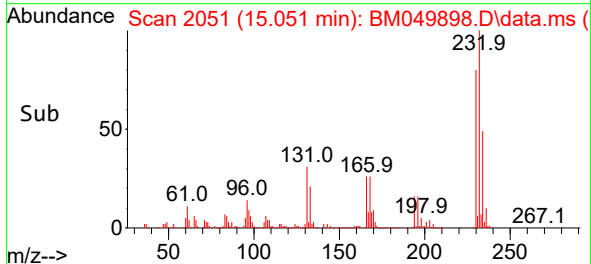
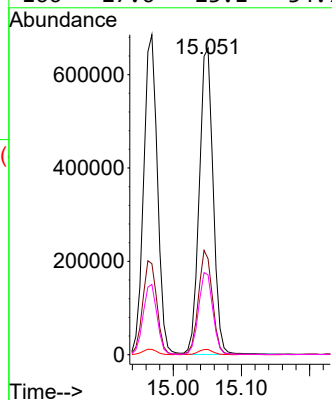
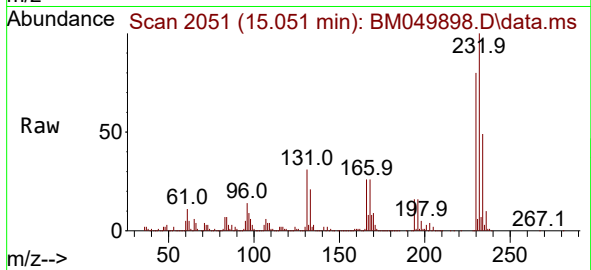


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.189 ng
RT: 15.051 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Instrument :
BNA_M
ClientSampleId :
GST3MSD

Tgt Ion:232 Resp: 925129

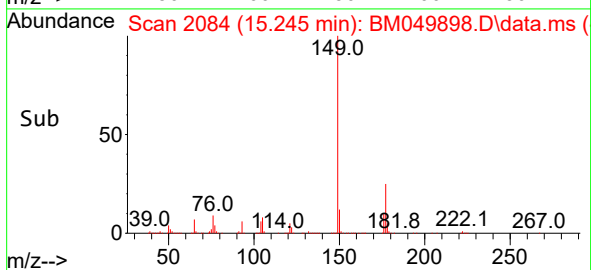
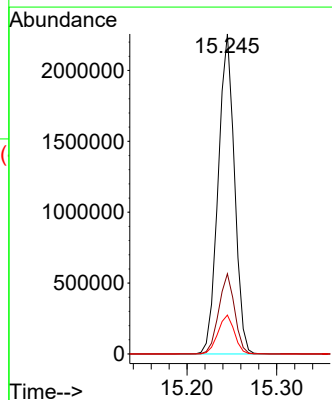
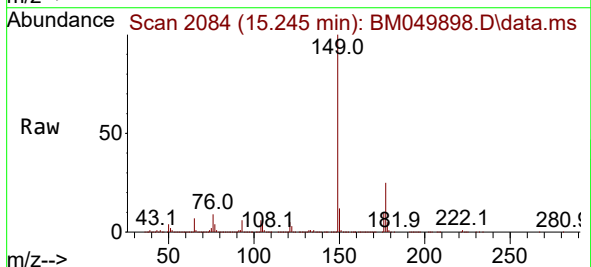
Ion	Ratio	Lower	Upper
232	100		
131	34.0	28.4	42.6
130	1.8	1.6	2.4
166	27.6	23.1	34.7

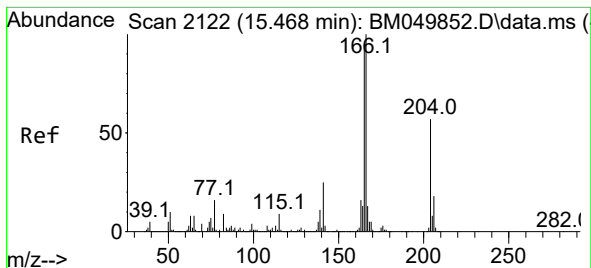


#60
Diethylphthalate
Concen: 47.375 ng
RT: 15.245 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:149 Resp: 2842984

Ion	Ratio	Lower	Upper
149	100		
177	25.0	19.0	28.4
150	12.1	9.7	14.5

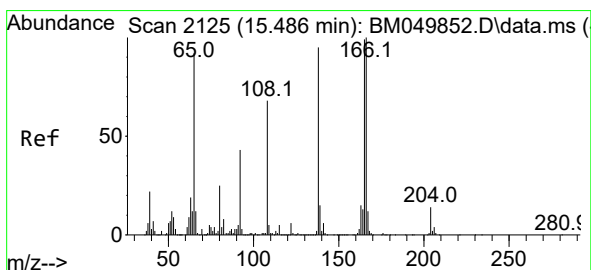
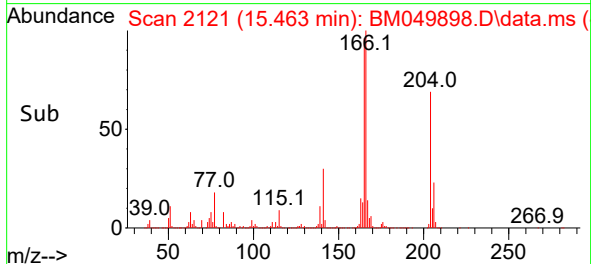
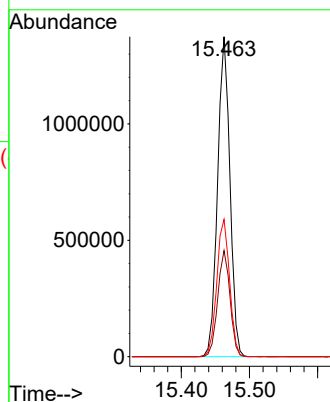
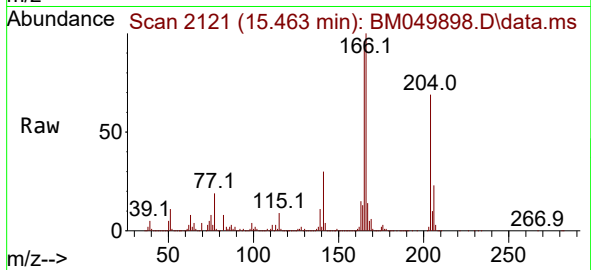




#61
4-Chlorophenyl-phenylether
Concen: 50.513 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

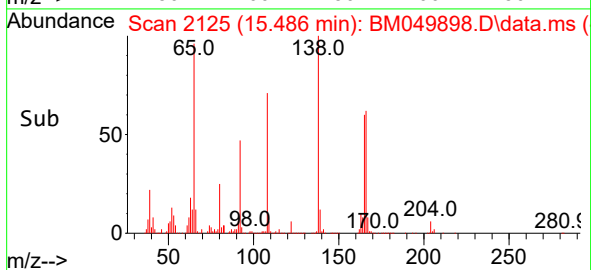
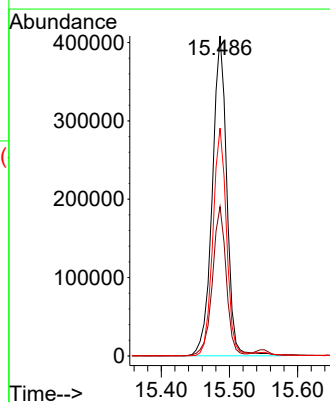
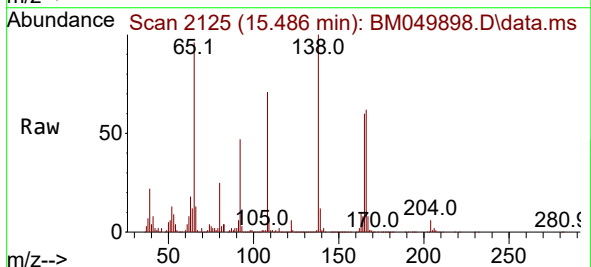
Instrument :
BNA_M
ClientSampleId :
GST3MSD

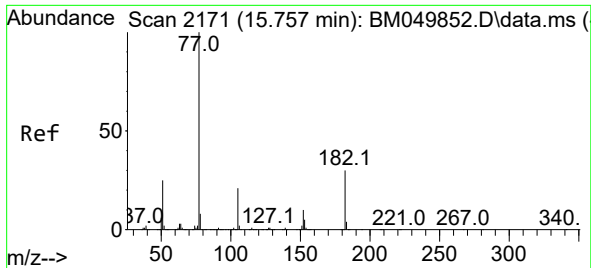
Tgt Ion:204 Resp: 1728010
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 42.9 35.0 52.6



#62
4-Nitroaniline
Concen: 46.190 ng
RT: 15.486 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:138 Resp: 605277
Ion Ratio Lower Upper
138 100
92 46.7 24.9 64.9
108 71.2 51.7 91.7

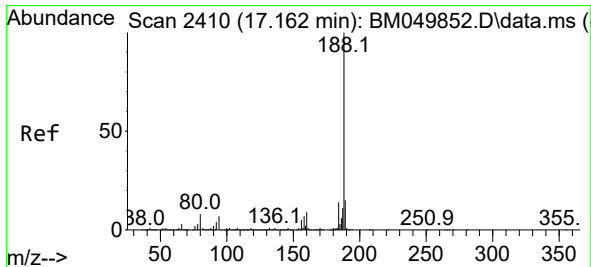
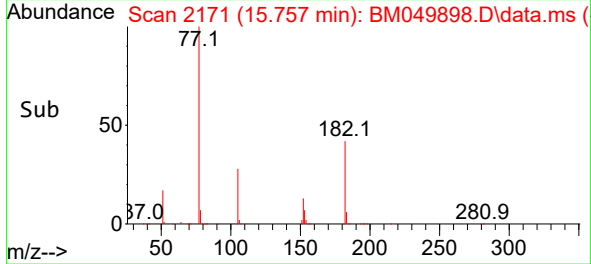
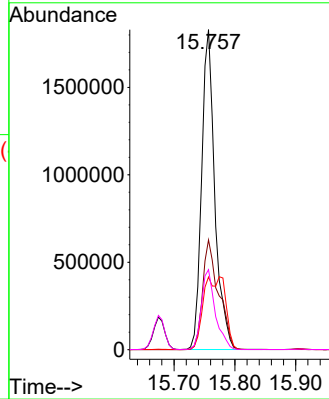
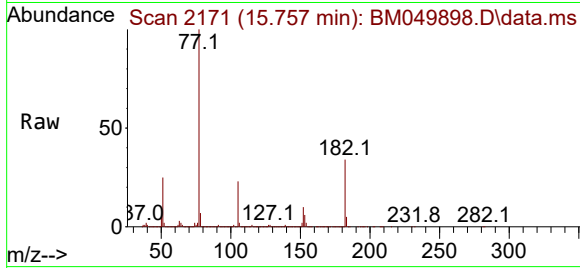




#63
Azobenzene
Concen: 53.664 ng
RT: 15.757 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

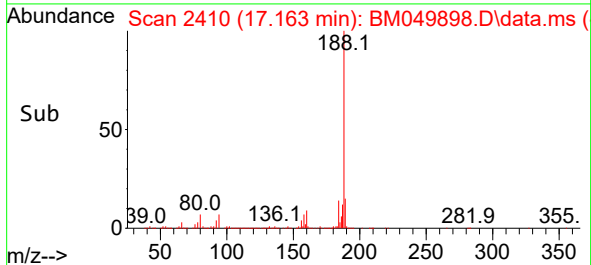
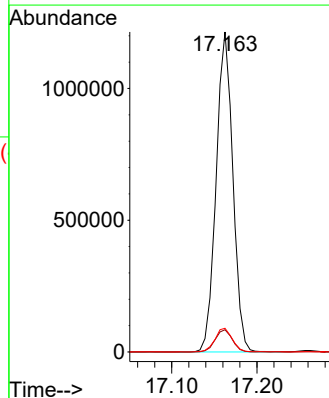
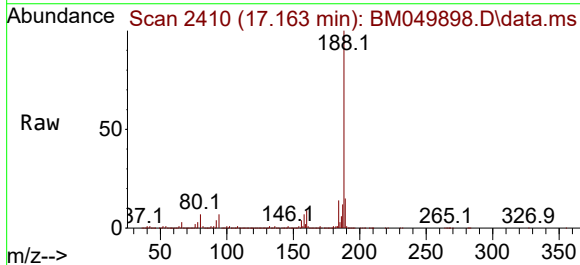
Instrument :
BNA_M
ClientSampleId :
GST3MSD

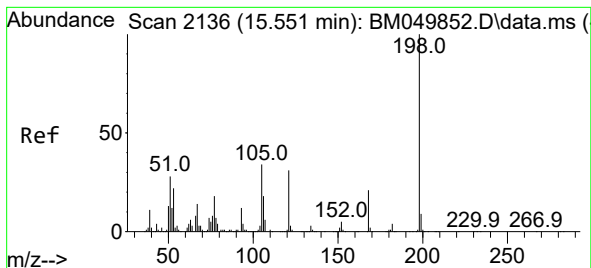
Tgt Ion: 77 Resp: 2757090
Ion Ratio Lower Upper
77 100
182 34.3 10.4 50.4
105 22.7 1.5 41.5
51 25.0 5.3 45.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:188 Resp: 1654145
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.6
80 7.4 6.4 9.6

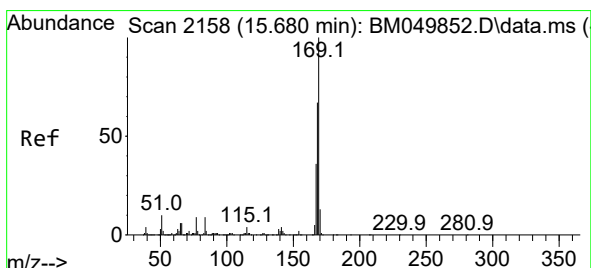
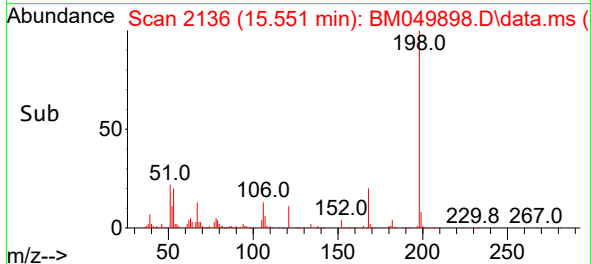
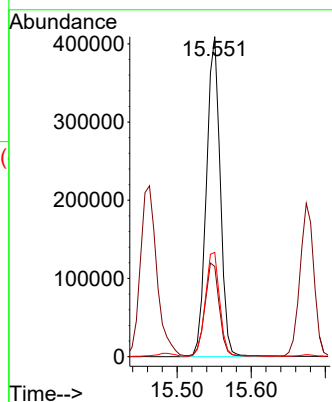
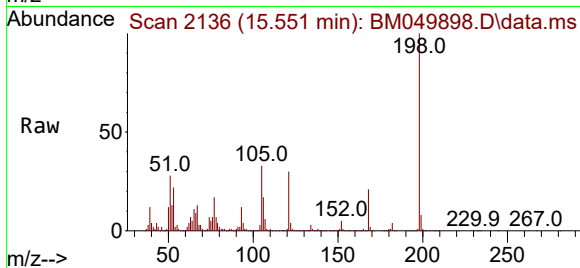




#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.804 ng
 RT: 15.551 min Scan# 2136
 Delta R.T. -0.000 min
 Lab File: BM049898.D
 Acq: 11 Apr 2025 12:59

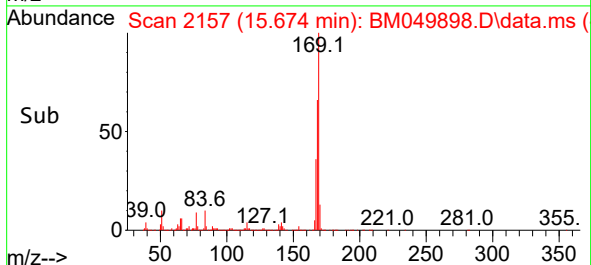
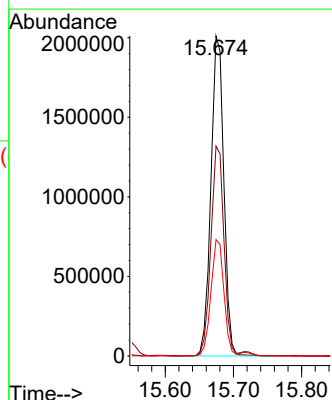
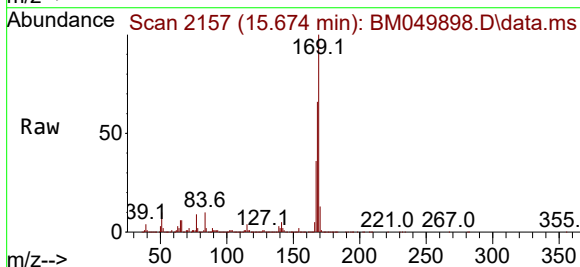
Instrument :
 BNA_M
 ClientSampleId :
 GST3MSD

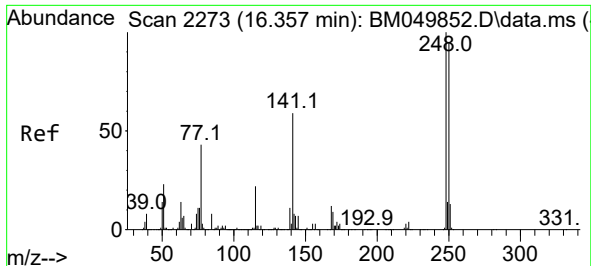
Tgt Ion:198 Resp: 529563
 Ion Ratio Lower Upper
 198 100
 51 28.2 9.6 49.6
 105 32.6 14.7 54.7



#66
 n-Nitrosodiphenylamine
 Concen: 53.514 ng
 RT: 15.674 min Scan# 2157
 Delta R.T. -0.006 min
 Lab File: BM049898.D
 Acq: 11 Apr 2025 12:59

Tgt Ion:169 Resp: 2649054
 Ion Ratio Lower Upper
 169 100
 168 65.6 53.4 80.2
 167 36.4 29.0 43.6

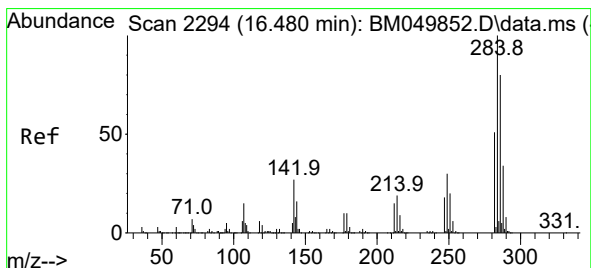
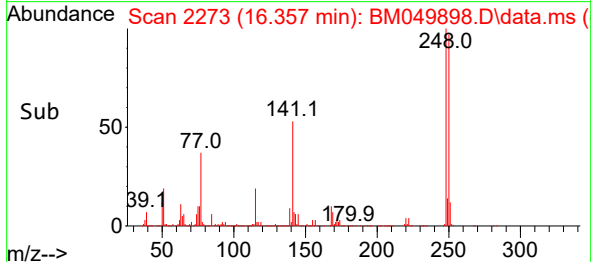
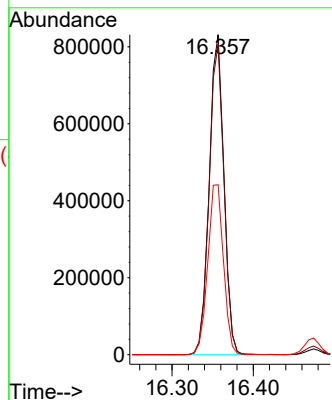
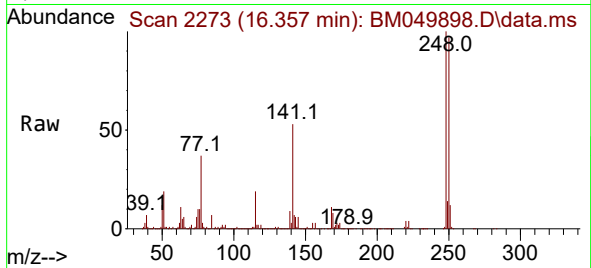




#67
4-Bromophenyl-phenylether
Concen: 54.541 ng
RT: 16.357 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

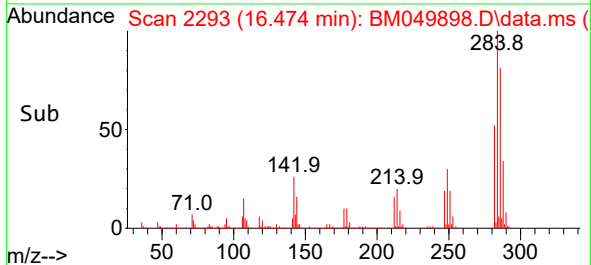
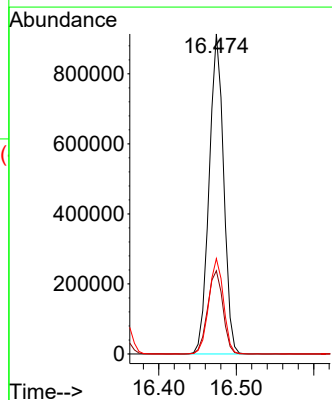
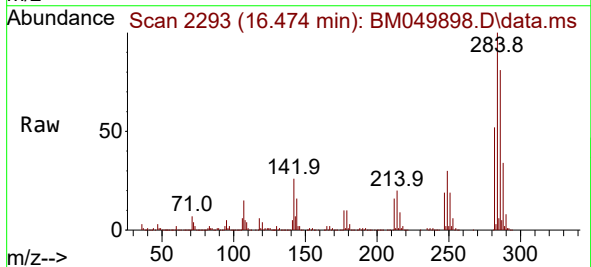
Instrument :
BNA_M
ClientSampleId :
GST3MSD

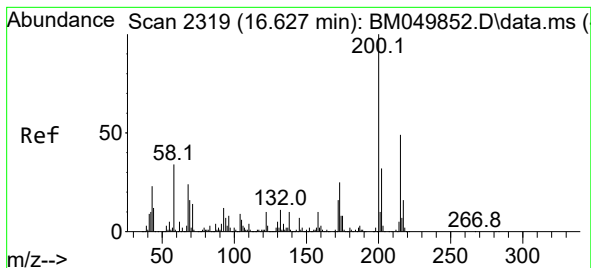
Tgt Ion:248 Resp: 1047333
Ion Ratio Lower Upper
248 100
250 97.1 76.2 114.2
141 53.1 47.3 70.9



#68
Hexachlorobenzene
Concen: 53.800 ng
RT: 16.474 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:284 Resp: 1185005
Ion Ratio Lower Upper
284 100
142 26.0 21.2 31.8
249 29.8 24.1 36.1





#69

Atrazine

Concen: 74.434 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

Instrument :

BNA_M

ClientSampleId :

GST3MSD

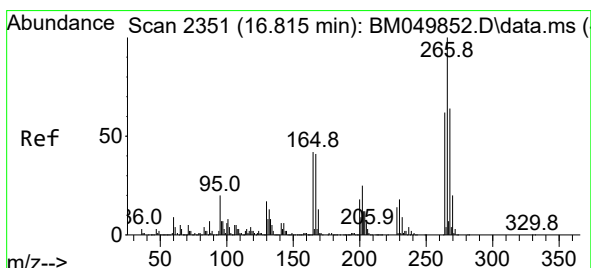
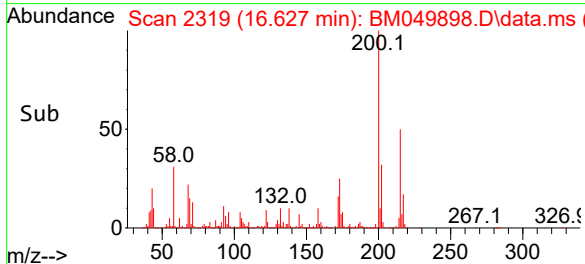
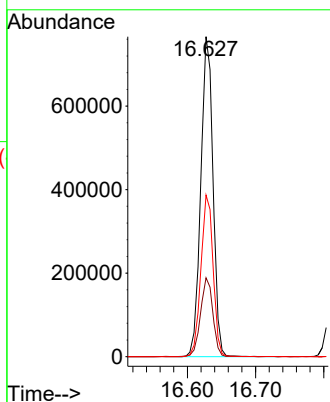
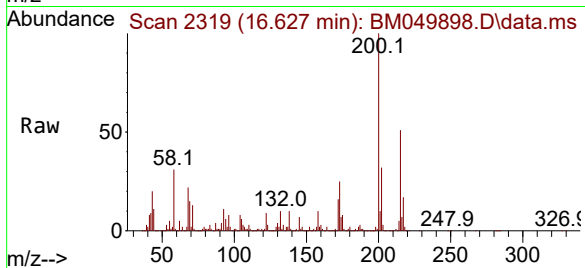
Tgt Ion:200 Resp: 955359

Ion Ratio Lower Upper

200 100

173 24.7 5.4 45.4

215 50.5 29.0 69.0



#70

Pentachlorophenol

Concen: 100.741 ng

RT: 16.815 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

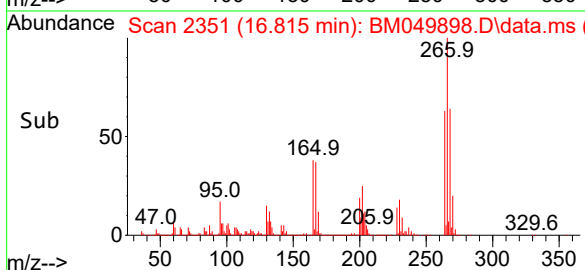
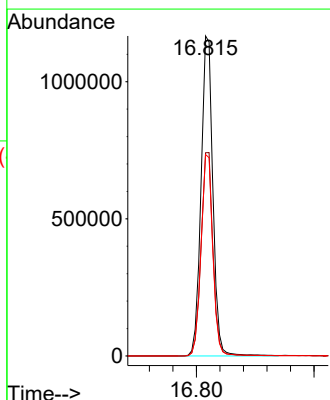
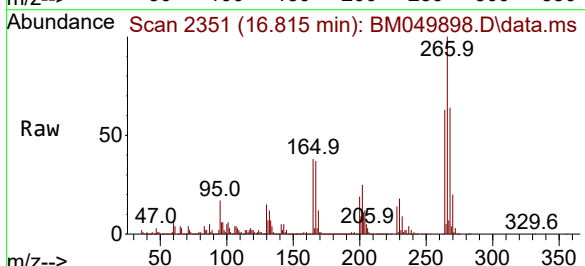
Tgt Ion:266 Resp: 1633614

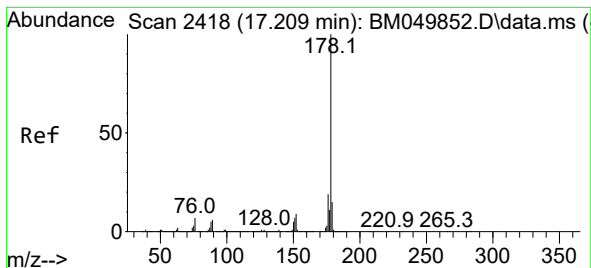
Ion Ratio Lower Upper

266 100

268 63.5 51.4 77.2

264 62.9 49.8 74.8





#71

Phenanthrene

Concen: 51.507 ng

RT: 17.204 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

Instrument :

BNA_M

ClientSampleId :

GST3MSD

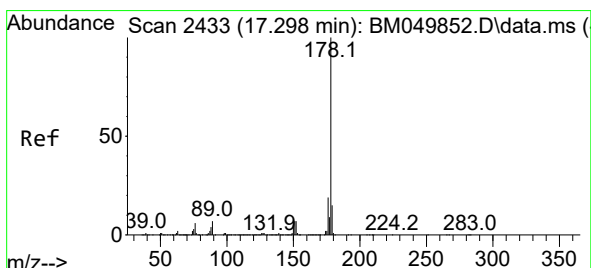
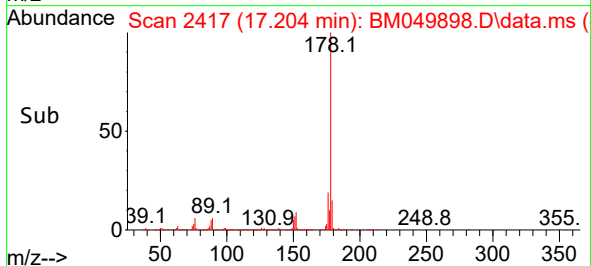
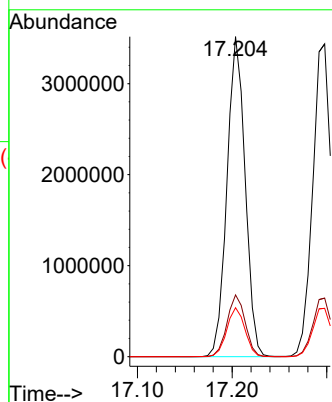
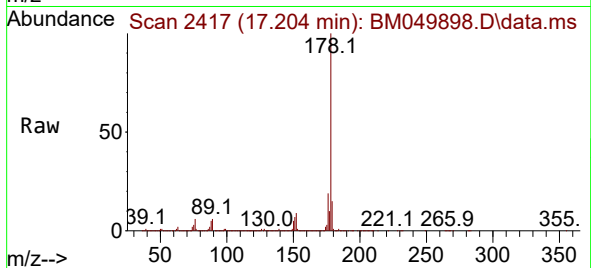
Tgt Ion:178 Resp: 4670985

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.3 12.3 18.5



#72

Anthracene

Concen: 53.107 ng

RT: 17.298 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

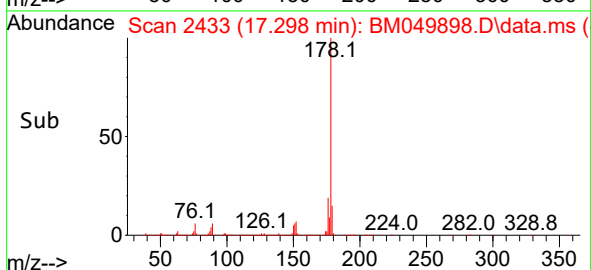
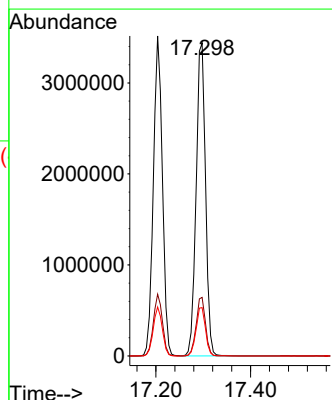
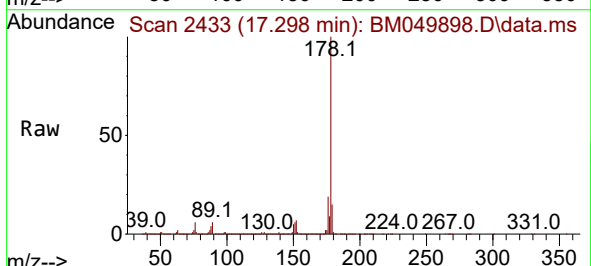
Tgt Ion:178 Resp: 4746180

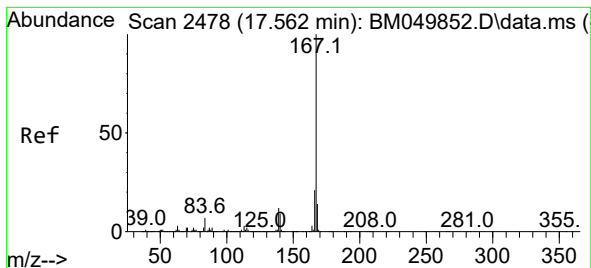
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.5 12.4 18.6





#73

Carbazole

Concen: 49.343 ng

RT: 17.562 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

Instrument :

BNA_M

ClientSampleId :

GST3MSD

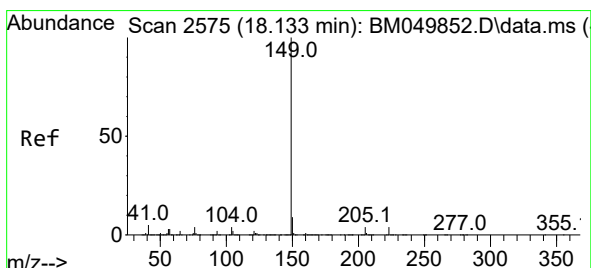
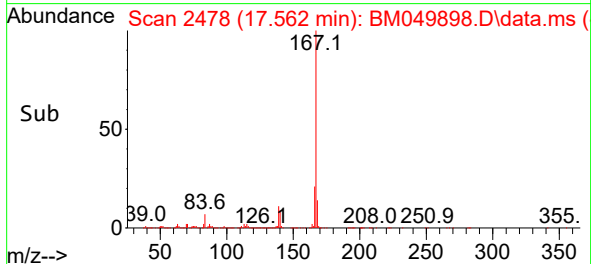
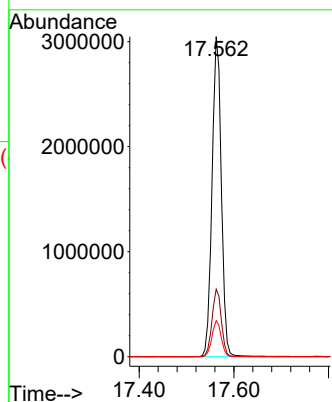
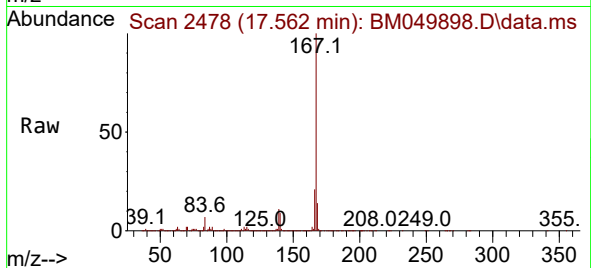
Tgt Ion:167 Resp: 4153461

Ion Ratio Lower Upper

167 100

166 21.1 16.9 25.3

139 11.3 9.3 13.9



#74

Di-n-butylphthalate

Concen: 48.996 ng

RT: 18.133 min Scan# 2575

Delta R.T. 0.000 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

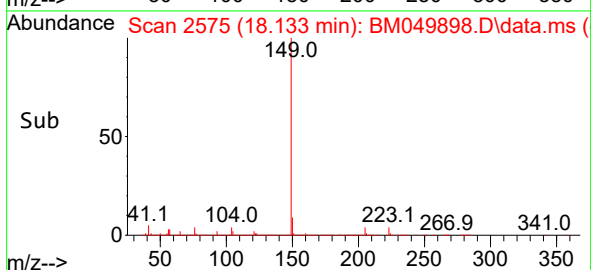
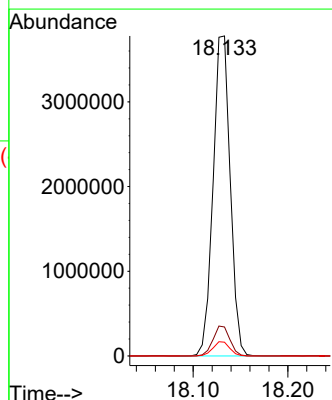
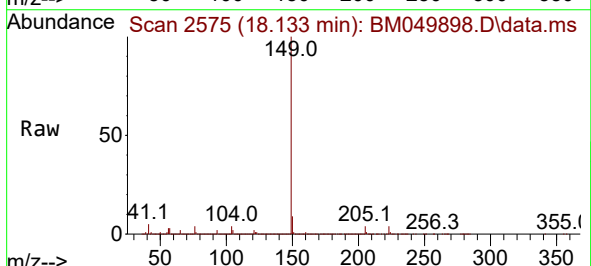
Tgt Ion:149 Resp: 4750311

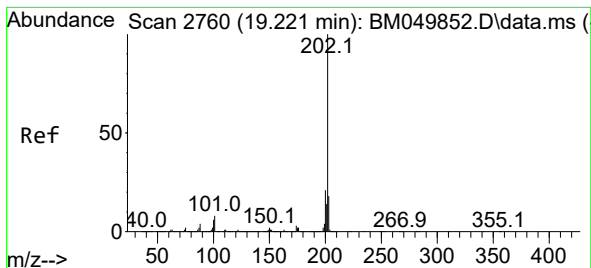
Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 47.427 ng

RT: 19.221 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

Instrument :

BNA_M

ClientSampleId :

GST3MSD

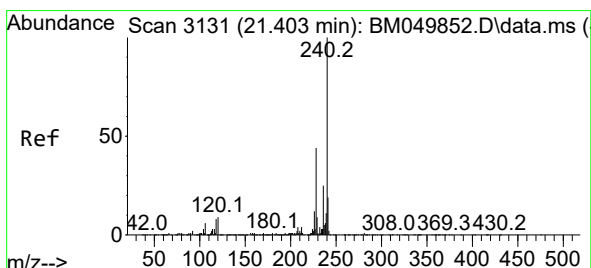
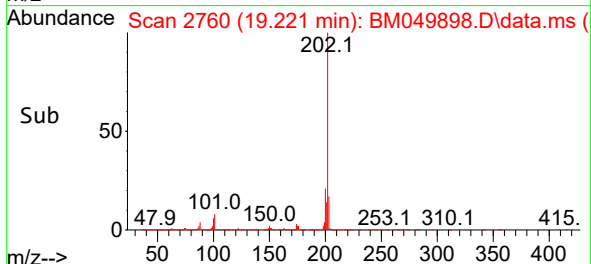
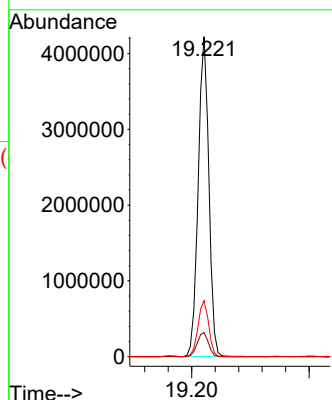
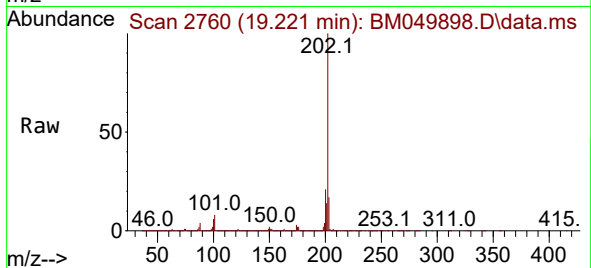
Tgt Ion:202 Resp: 5288214

Ion Ratio Lower Upper

202 100

101 7.5 0.0 28.4

203 17.5 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

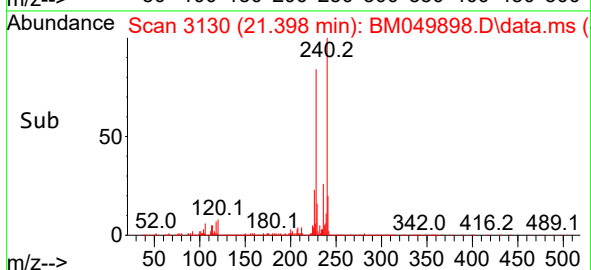
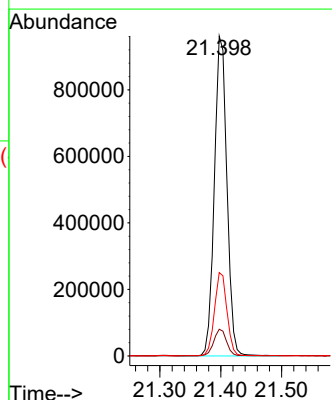
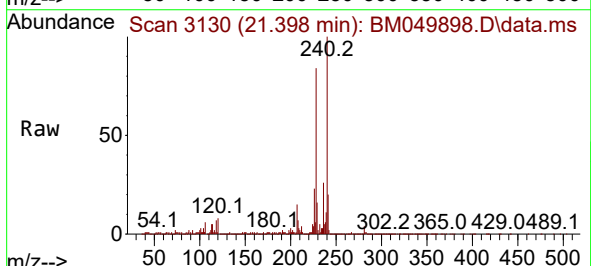
Tgt Ion:240 Resp: 1374176

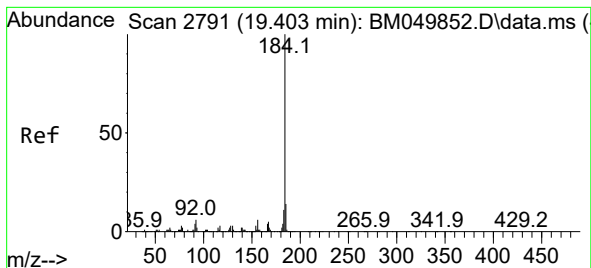
Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

236 26.1 20.4 30.6





#77

Benzidine

Concen: 113.148 ng

RT: 19.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

Instrument :

BNA_M

ClientSampleId :

GST3MSD

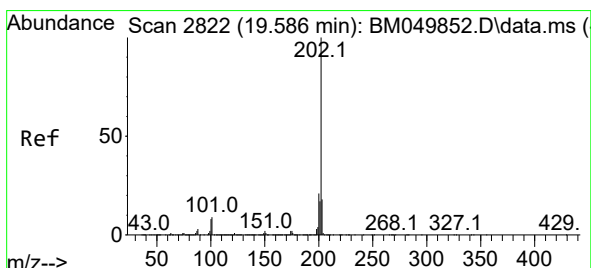
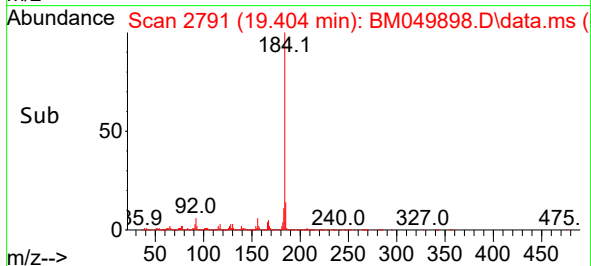
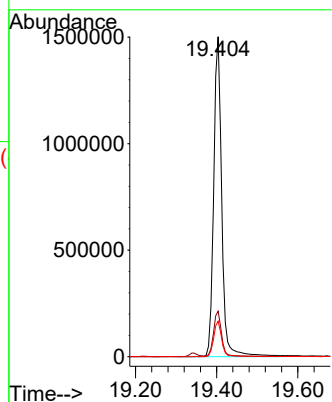
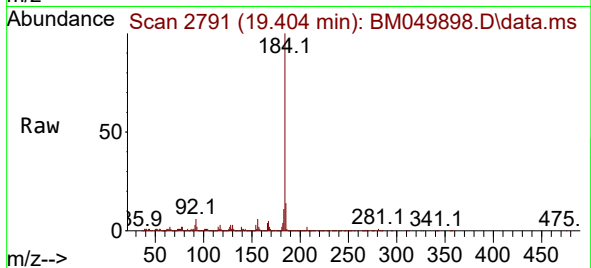
Tgt Ion:184 Resp: 2062728

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.2

183 11.1 8.8 13.2



#78

Pyrene

Concen: 56.536 ng

RT: 19.586 min Scan# 2822

Delta R.T. 0.000 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

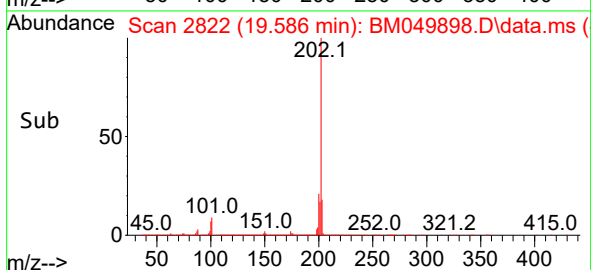
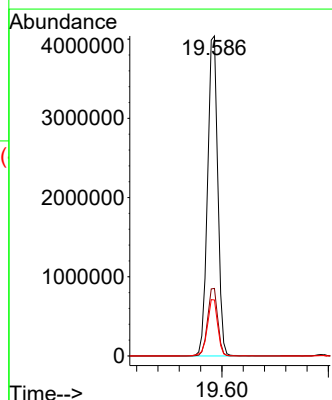
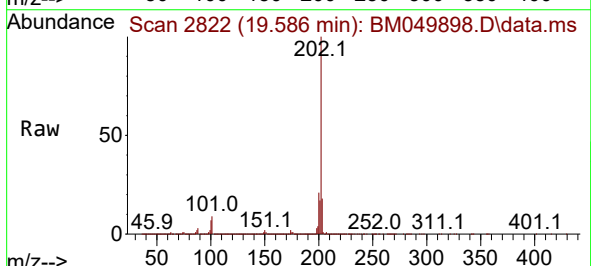
Tgt Ion:202 Resp: 5354267

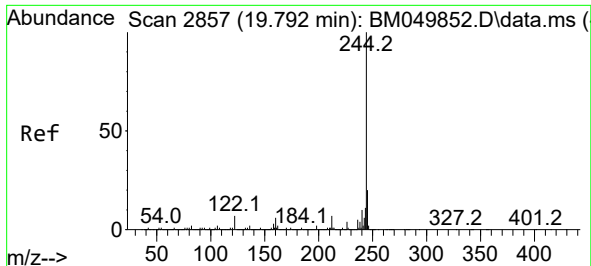
Ion Ratio Lower Upper

202 100

200 21.1 16.5 24.7

203 17.5 14.0 21.0

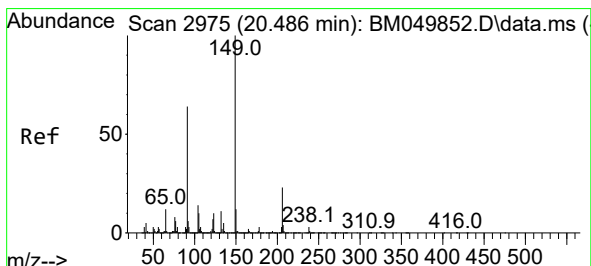
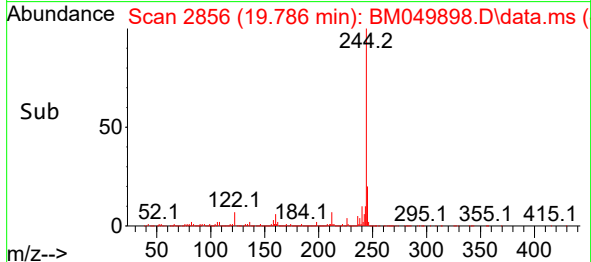
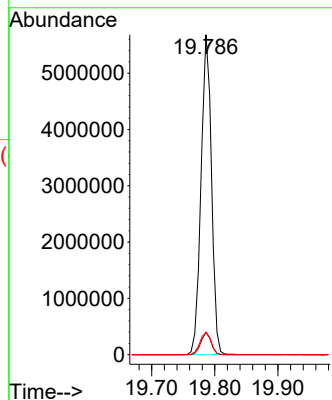
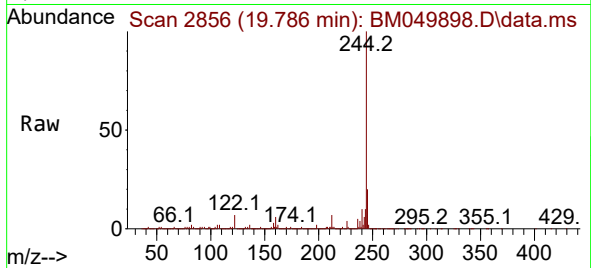




#79
 Terphenyl-d14
 Concen: 89.005 ng
 RT: 19.786 min Scan# 2856
 Delta R.T. -0.006 min
 Lab File: BM049898.D
 Acq: 11 Apr 2025 12:59

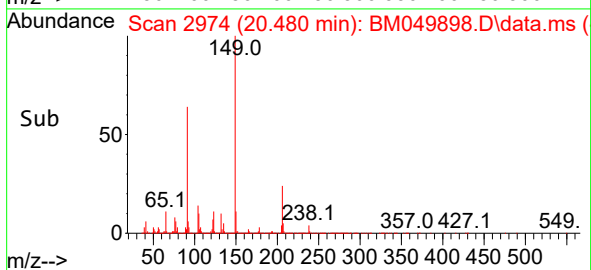
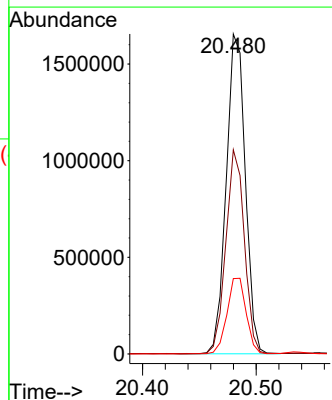
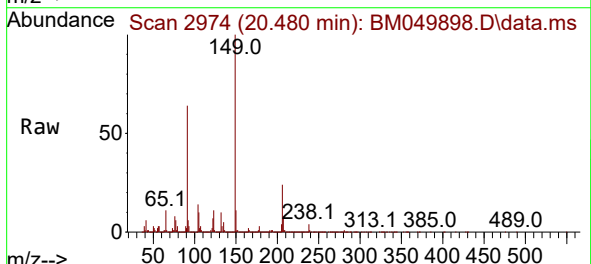
Instrument :
 BNA_M
 ClientSampleId :
 GST3MSD

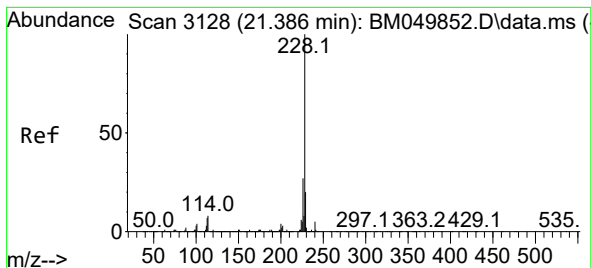
Tgt Ion:244 Resp: 6526396
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 6.9 5.4 8.0



#80
 Butylbenzylphthalate
 Concen: 54.236 ng
 RT: 20.480 min Scan# 2974
 Delta R.T. -0.006 min
 Lab File: BM049898.D
 Acq: 11 Apr 2025 12:59

Tgt Ion:149 Resp: 1930042
 Ion Ratio Lower Upper
 149 100
 91 63.8 50.9 76.3
 206 23.5 18.4 27.6





#81

Benzo(a)anthracene

Concen: 53.229 ng

RT: 21.380 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

Instrument :

BNA_M

ClientSampleId :

GST3MSD

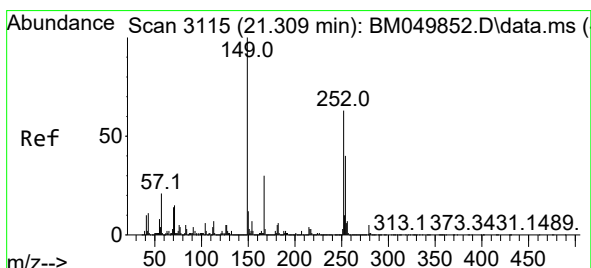
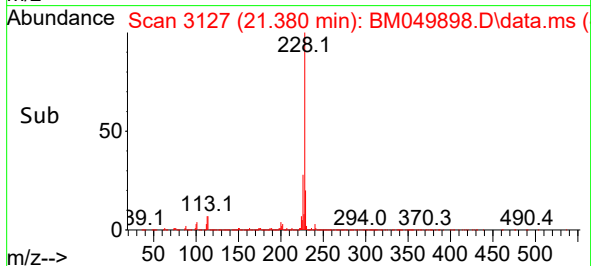
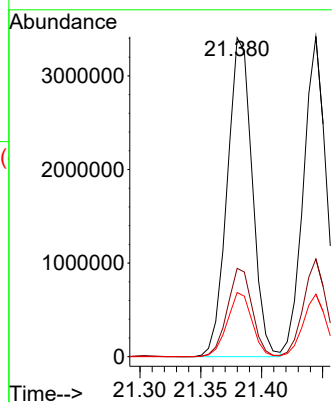
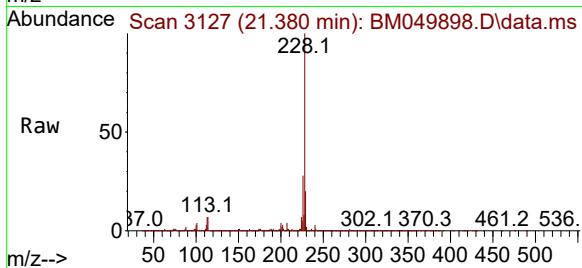
Tgt Ion:228 Resp: 4861226

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

229 20.1 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 27.154 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

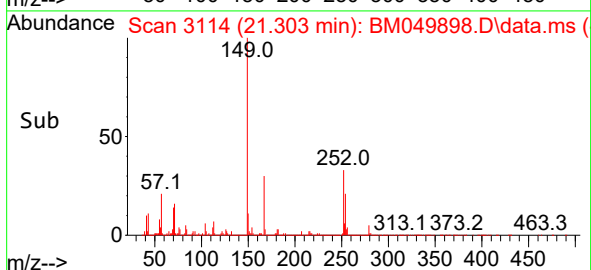
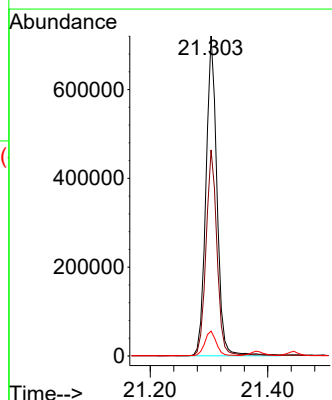
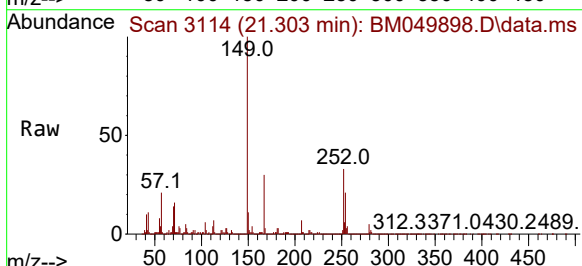
Tgt Ion:252 Resp: 936523

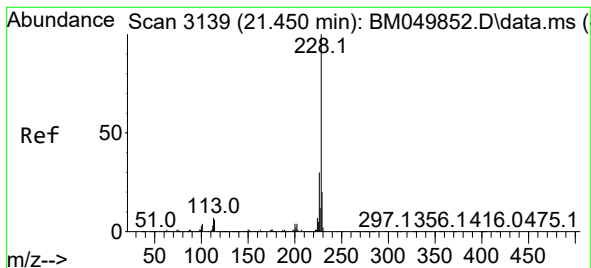
Ion Ratio Lower Upper

252 100

254 64.4 51.5 77.3

126 7.7 6.3 9.5





#83

Chrysene

Concen: 51.730 ng

RT: 21.445 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

Instrument :

BNA_M

ClientSampleId :

GST3MSD

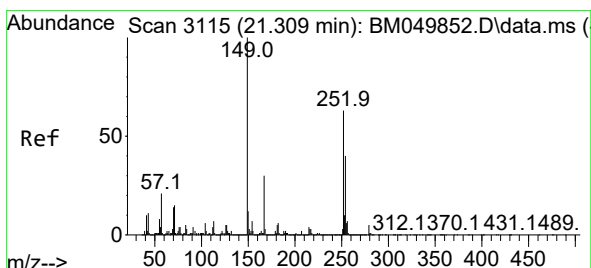
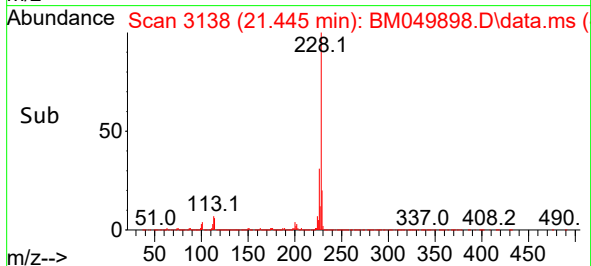
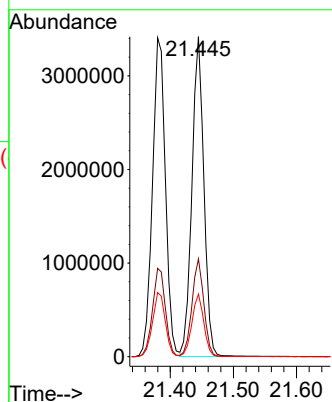
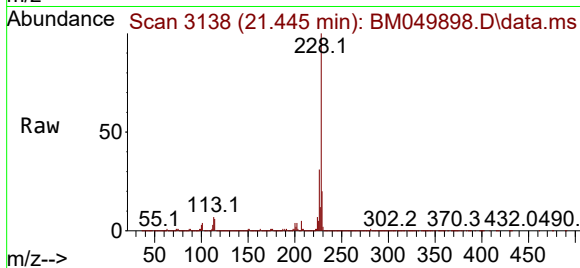
Tgt Ion:228 Resp: 4491447

Ion Ratio Lower Upper

228 100

226 30.6 24.1 36.1

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.367 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

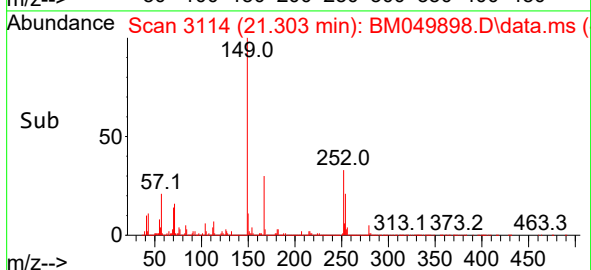
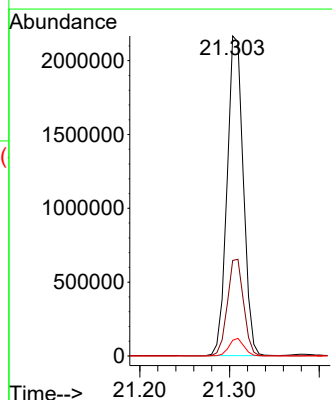
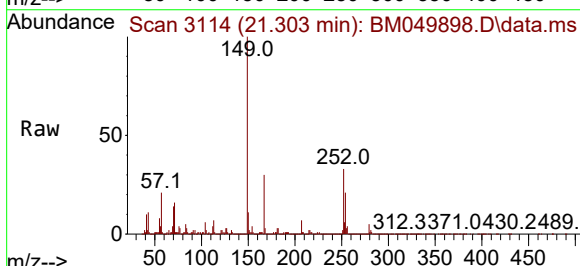
Tgt Ion:149 Resp: 2715105

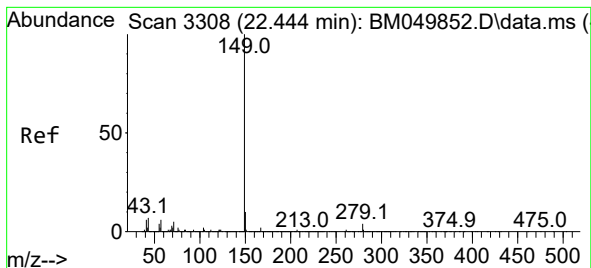
Ion Ratio Lower Upper

149 100

167 29.9 23.8 35.6

279 4.9 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 50.313 ng

RT: 22.439 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

Instrument :

BNA_M

ClientSampleId :

GST3MSD

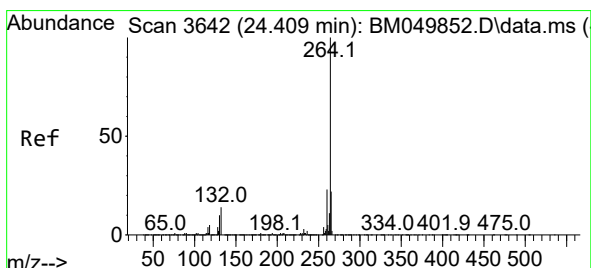
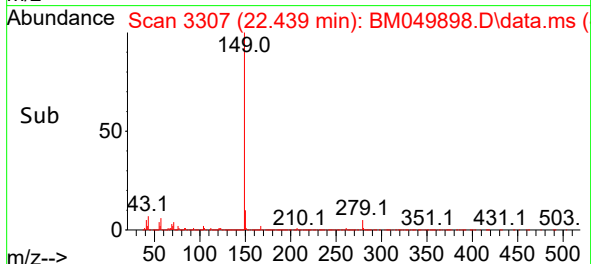
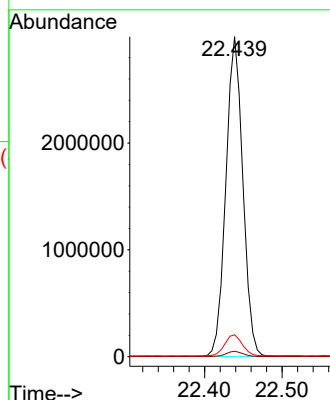
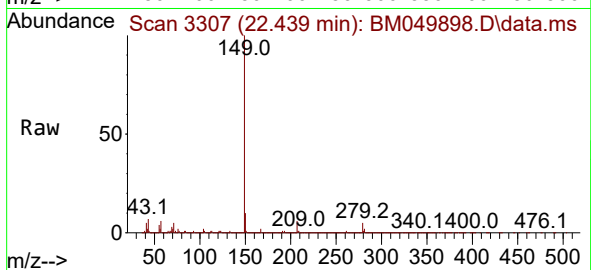
Tgt Ion:149 Resp: 4563566

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 6.8 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.397 min Scan# 3640

Delta R.T. -0.012 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

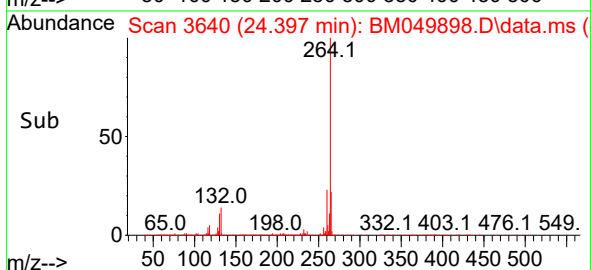
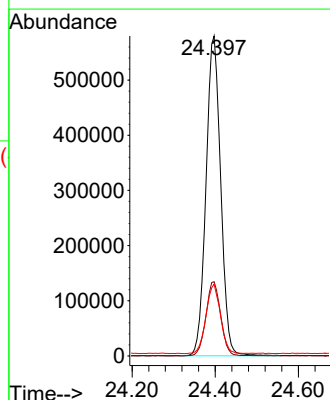
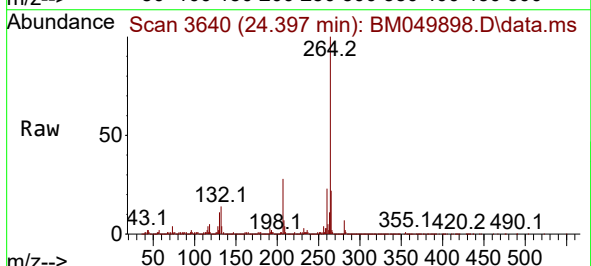
Tgt Ion:264 Resp: 1418231

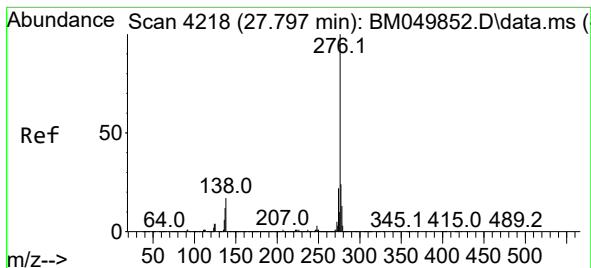
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 22.4 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.153 ng

RT: 27.785 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

Instrument :

BNA_M

ClientSampleId :

GST3MSD

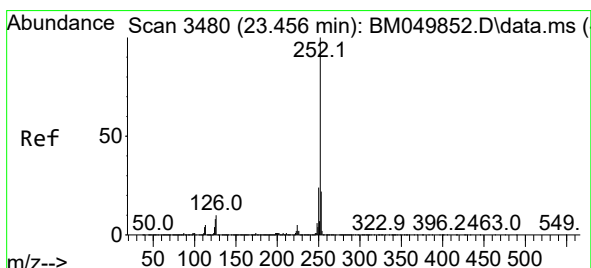
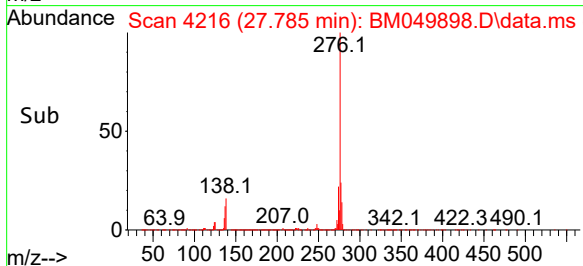
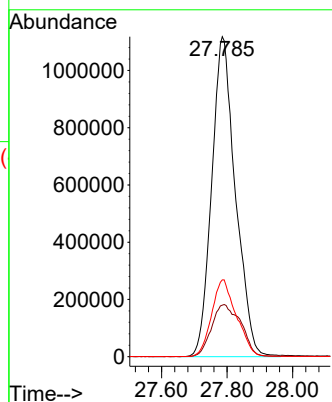
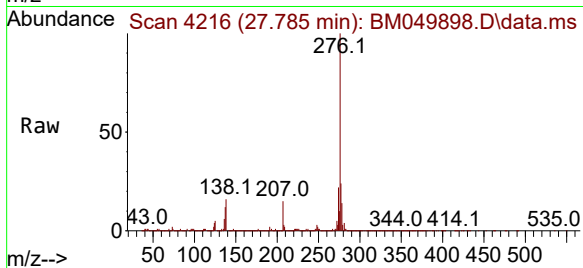
Tgt Ion:276 Resp: 5619213

Ion Ratio Lower Upper

276 100

138 20.1 16.8 25.2

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 51.013 ng

RT: 23.450 min Scan# 3479

Delta R.T. -0.006 min

Lab File: BM049898.D

Acq: 11 Apr 2025 12:59

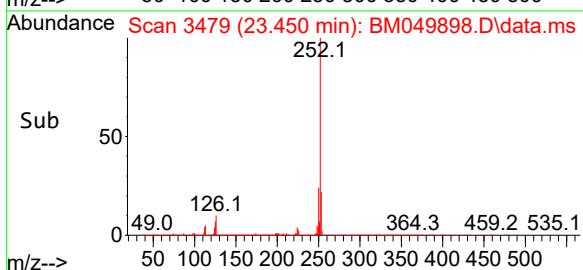
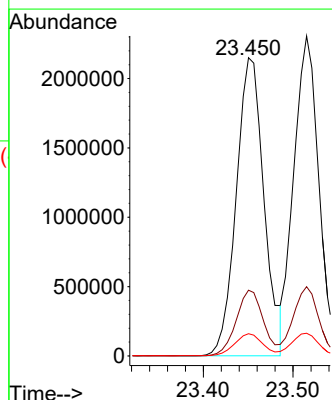
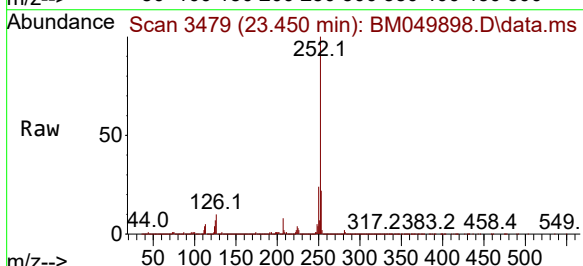
Tgt Ion:252 Resp: 4620636

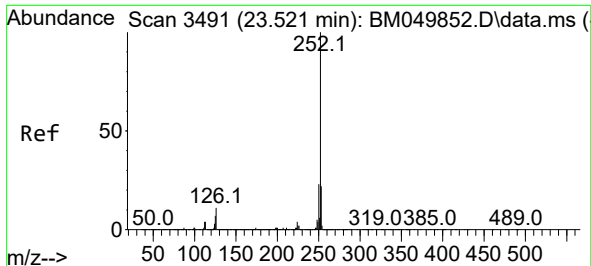
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 7.5 6.2 9.4

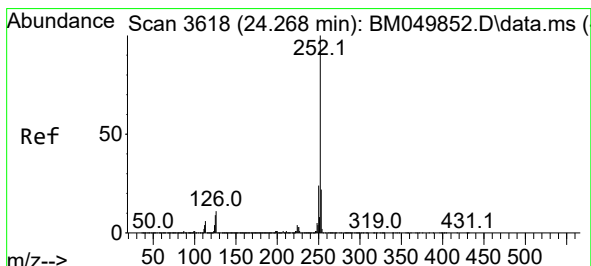
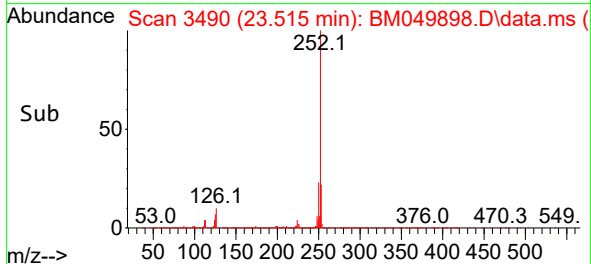
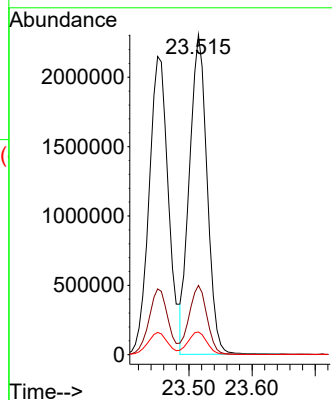
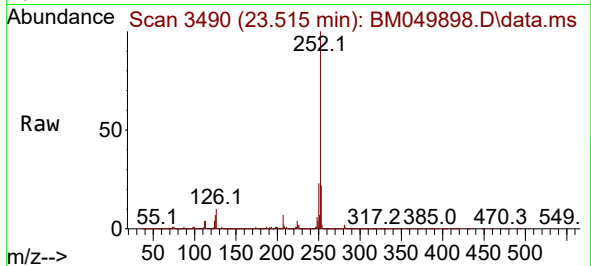




#89
Benzo(k)fluoranthene
Concen: 50.818 ng
RT: 23.515 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

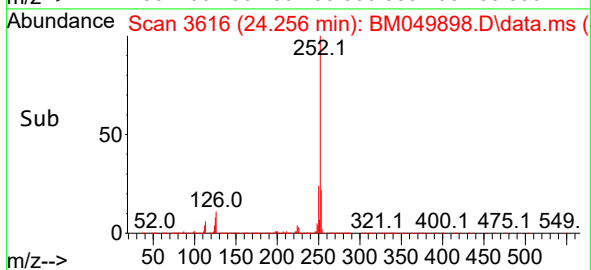
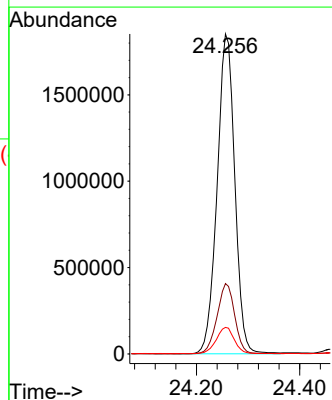
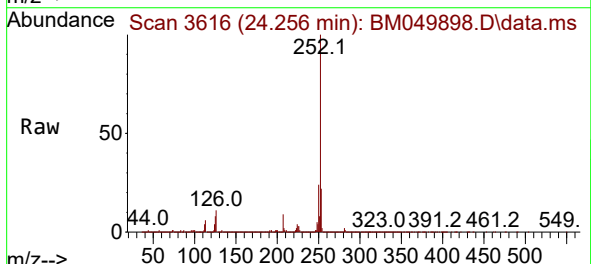
Instrument :
BNA_M
ClientSampleId :
GST3MSD

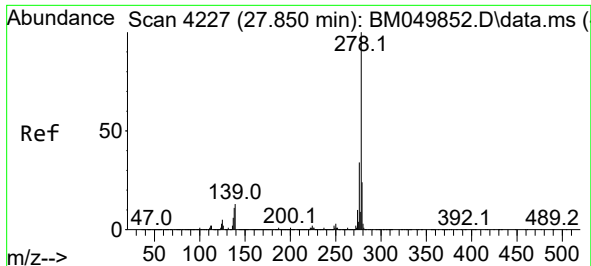
Tgt Ion:252 Resp: 4460551
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 7.1 5.8 8.8



#90
Benzo(a)pyrene
Concen: 55.163 ng
RT: 24.256 min Scan# 3616
Delta R.T. -0.012 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:252 Resp: 4390591
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 8.3 7.0 10.4

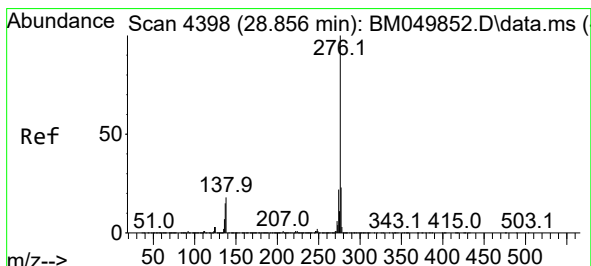
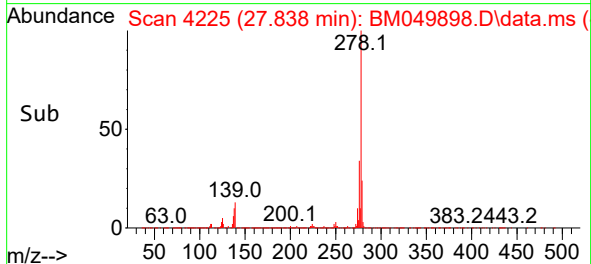
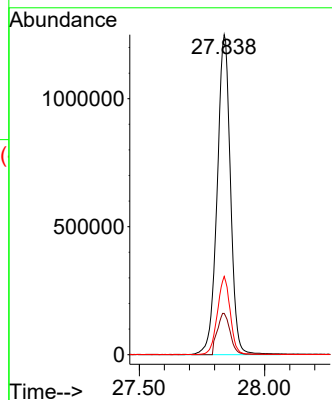
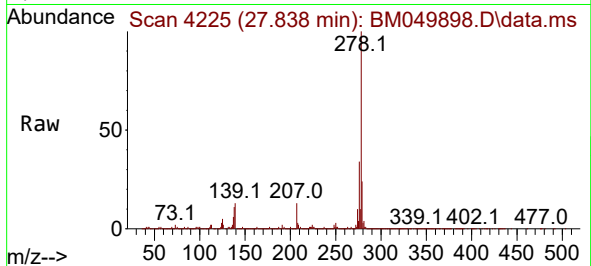




#91
Dibenzo(a,h)anthracene
Concen: 52.938 ng
RT: 27.838 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Instrument :
BNA_M
ClientSampleId :
GST3MSD

Tgt Ion:278 Resp: 4609687
Ion Ratio Lower Upper
278 100
139 12.9 10.6 15.8
279 24.4 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 50.802 ng
RT: 28.838 min Scan# 4395
Delta R.T. -0.018 min
Lab File: BM049898.D
Acq: 11 Apr 2025 12:59

Tgt Ion:276 Resp: 4520433
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 17.5 14.6 21.8

