

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
 Data File : BM049995.D
 Acq On : 22 Apr 2025 14:30
 Operator : RC/JU
 Sample : Q1848-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-342MSD

Quant Time: Apr 22 15:13:53 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	7.763	152	320863	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	1105347	20.000	ng	-0.02
39) Acenaphthene-d10	14.410	164	716219	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1397806	20.000	ng	0.00
76) Chrysene-d12	21.409	240	1450465	20.000	ng	0.00
86) Perylene-d12	24.421	264	1514409	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1272177	67.326	ng	0.00
7) Phenol-d6	6.951	99	1820374	77.431	ng	0.00
23) Nitrobenzene-d5	8.922	82	1113258	56.084	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	557713	53.535	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	2975851	56.342	ng	-0.02
79) Terphenyl-d14	19.786	244	4234595	54.712	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	224199	28.810	ng	99
3) Pyridine	3.652	79	629678	30.797	ng	99
4) n-Nitrosodimethylamine	3.563	42	269080	34.582	ng	97
6) Aniline	7.093	93	492304	24.438	ng	98
8) 2-Chlorophenol	7.340	128	742794	38.359	ng	100
9) Benzaldehyde	6.904	77	366836	30.406	ng	99
10) Phenol	6.981	94	896067	39.058	ng	98
11) bis(2-Chloroethyl)ether	7.187	93	705157	39.195	ng	99
12) 1,3-Dichlorobenzene	7.657	146	860532	37.587	ng	98
13) 1,4-Dichlorobenzene	7.798	146	865464	37.570	ng	100
14) 1,2-Dichlorobenzene	8.116	146	837269	38.588	ng	99
15) Benzyl Alcohol	8.010	79	580570	39.217	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	793938	39.593	ng	100
17) 2-Methylphenol	8.222	107	579199	40.968	ng	99
18) Hexachloroethane	8.839	117	289092	36.071	ng	97
19) n-Nitroso-di-n-propyla...	8.575	70	495236	38.034	ng	99
20) 3+4-Methylphenols	8.551	107	781209	40.530	ng	99
22) Acetophenone	8.587	105	1007174	37.492	ng	99
24) Nitrobenzene	8.969	77	725029	37.933	ng	97
25) Isophorone	9.492	82	1364019	41.020	ng	100
26) 2-Nitrophenol	9.675	139	405057	39.984	ng	100
27) 2,4-Dimethylphenol	9.745	122	655399	57.087	ng	98
28) bis(2-Chloroethoxy)met...	9.969	93	849665	38.167	ng	99
29) 2,4-Dichlorophenol	10.228	162	760061	39.827	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	879554	39.839	ng	99
31) Naphthalene	10.610	128	2154038	37.925	ng	99
32) Benzoic acid	9.910	122	482414m	36.408	ng	
33) 4-Chloroaniline	10.728	127	385886	19.241	ng	97
34) Hexachlorobutadiene	10.898	225	558366	40.887	ng	98
35) Caprolactam	11.516	113	204220	37.310	ng	99
36) 4-Chloro-3-methylphenol	11.875	107	651112	38.950	ng	100
37) 2-Methylnaphthalene	12.227	142	1433472	35.822	ng	100
38) 1-Methylnaphthalene	12.445	142	1488226	38.173	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	1015738	40.538	ng	99
41) Hexachlorocyclopentadiene	12.575	237	414315	47.188	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	663527	41.615	ng	100

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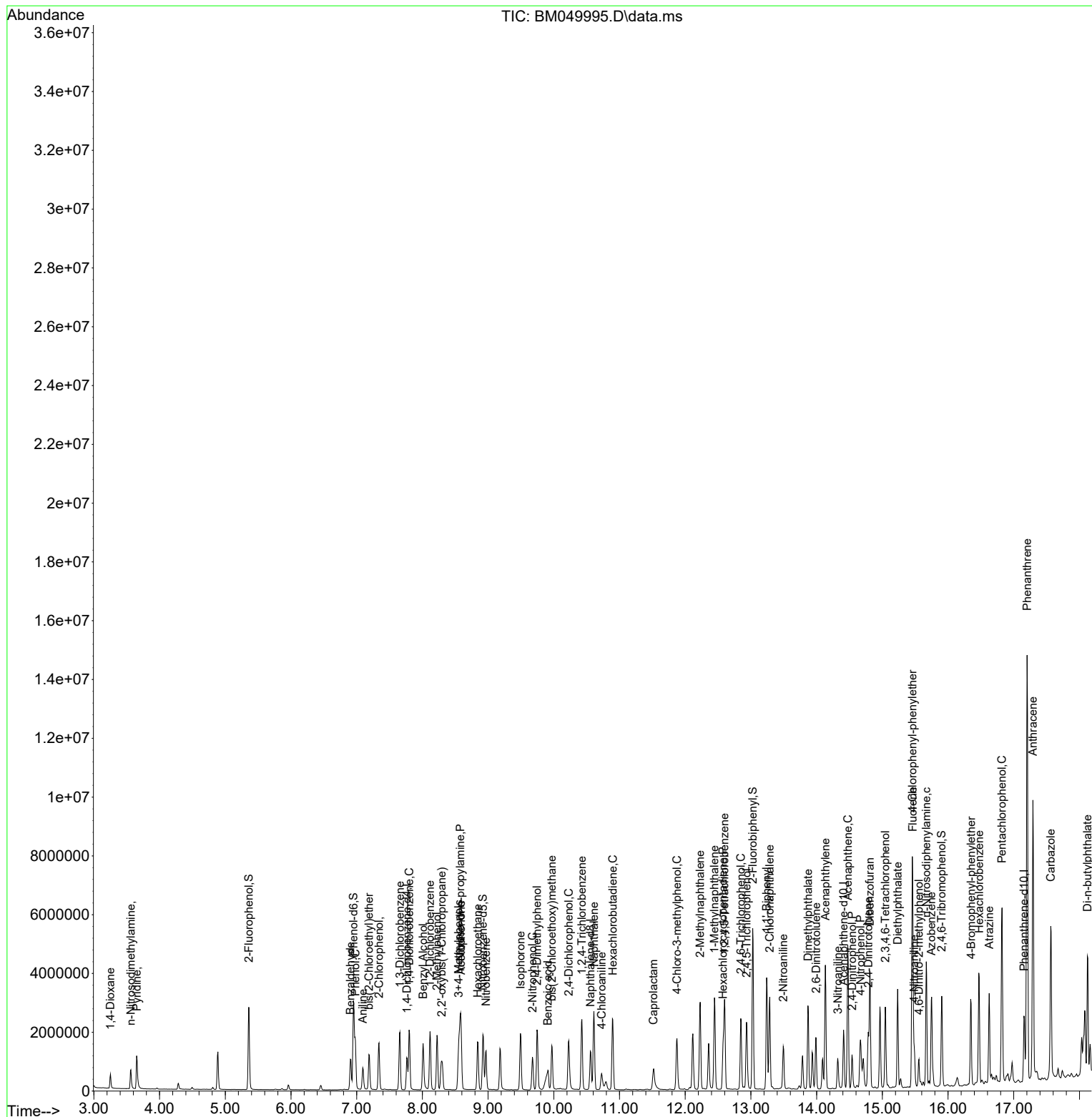
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	722639	41.706	ng	99
46) 1,1'-Biphenyl	13.239	154	2055982	38.616	ng	100
47) 2-Chloronaphthalene	13.286	162	1642934	39.260	ng	99
48) 2-Nitroaniline	13.492	65	398691	41.183	ng	96
49) Acenaphthylene	14.133	152	3059871	50.198	ng	99
50) Dimethylphthalate	13.869	163	1929760	38.192	ng	99
51) 2,6-Dinitrotoluene	13.992	165	428830	40.508	ng	95
52) Acenaphthene	14.474	154	1752985	45.211	ng	100
53) 3-Nitroaniline	14.321	138	307334	30.037	ng	99
54) 2,4-Dinitrophenol	14.539	184	317445	44.892	ng	98
55) Dibenzofuran	14.810	168	2653860	40.943	ng	99
56) 4-Nitrophenol	14.669	139	723220	79.319	ng	99
57) 2,4-Dinitrotoluene	14.786	165	597545	42.310	ng	95
58) Fluorene	15.463	166	2376354	46.123	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	614667	40.474	ng	96
60) Diethylphthalate	15.233	149	1803345	37.216	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1113820	40.322	ng	98
62) 4-Nitroaniline	15.486	138	378697	35.790	ng	97
63) Azobenzene	15.745	77	1635718	39.429	ng	97
65) 4,6-Dinitro-2-methylph...	15.557	198	229891	26.099	ng	99
66) n-Nitrosodiphenylamine	15.668	169	1698427	40.602	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	682172	42.040	ng	95
68) Hexachlorobenzene	16.474	284	796635	42.801	ng	98
69) Atrazine	16.627	200	601117	55.423	ng	97
70) Pentachlorophenol	16.821	266	1133337	82.707	ng	99
71) Phenanthrene	17.204	178	9294488	121.285	ng	98
72) Anthracene	17.292	178	6086876	80.599	ng	99
73) Carbazole	17.562	167	3491252	49.082	ng	99
74) Di-n-butylphthalate	18.121	149	3065789	37.420	ng	100
75) Fluoranthene	19.221	202	16804842	178.350	ng	90
77) Benzidine	19.409	184	828256	43.043	ng	99
78) Pyrene	19.586	202	16556829	165.629	ng	# 86
80) Butylbenzylphthalate	20.480	149	1275184	33.949	ng	97
81) Benzo(a)anthracene	21.397	228	13047843	135.355	ng	96
82) 3,3'-Dichlorobenzidine	21.309	252	756732	20.787	ng	98
83) Chrysene	21.462	228	13509665	147.412	ng	96
84) Bis(2-ethylhexyl)phtha...	21.303	149	1847756	33.764	ng	97
85) Di-n-octyl phthalate	22.439	149	3164959	33.058	ng	98
87) Indeno(1,2,3-cd)pyrene	27.850	276	8565298	75.876	ng	# 95
88) Benzo(b)fluoranthene	23.491	252	15966021	165.075	ng	97
89) Benzo(k)fluoranthene	23.544	252	7698208	82.133	ng	96
90) Benzo(a)pyrene	24.297	252	10103464m	118.877	ng	
91) Dibenzo(a,h)anthracene	27.891	278	4796372	51.583	ng	98
92) Benzo(g,h,i)perylene	28.909	276	6815684	71.732	ng	97

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

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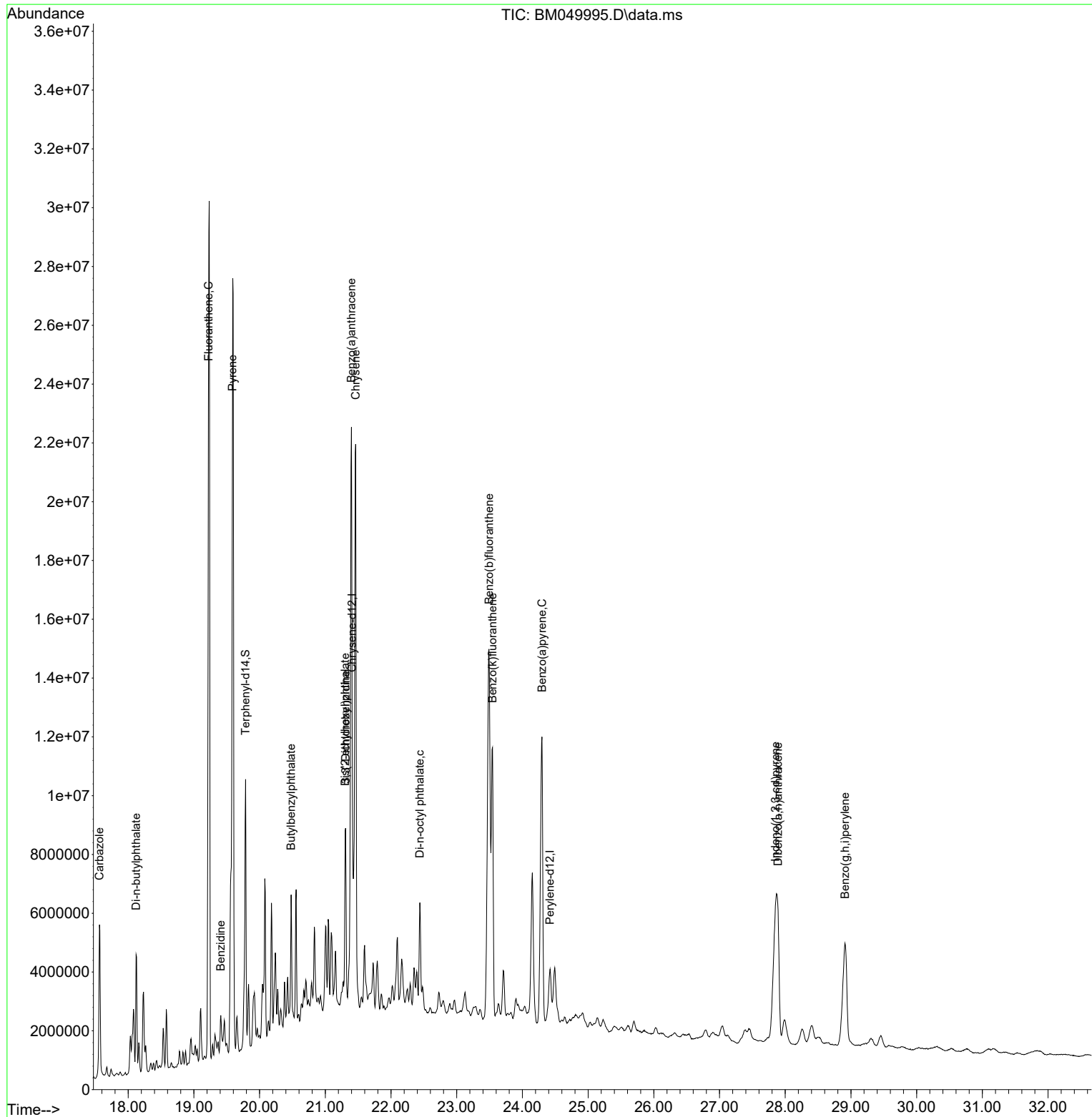
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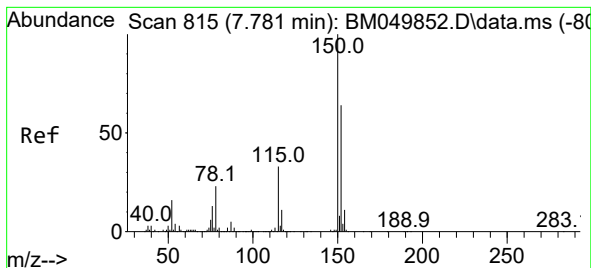


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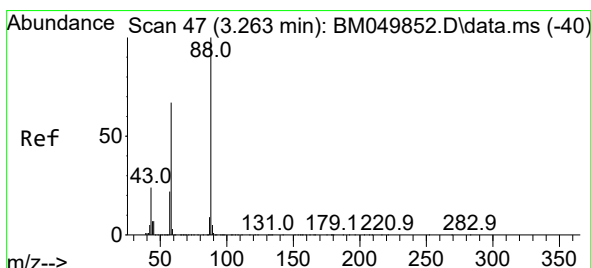
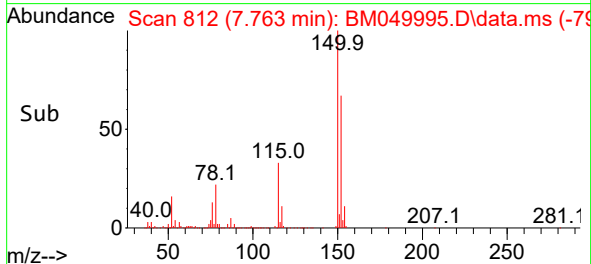
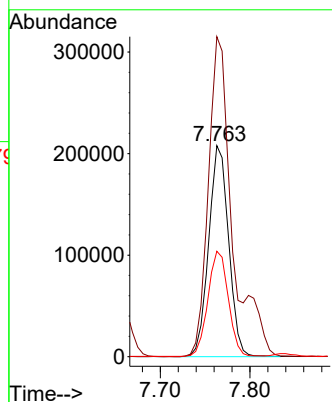
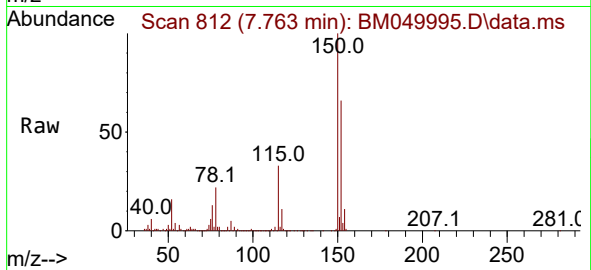




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

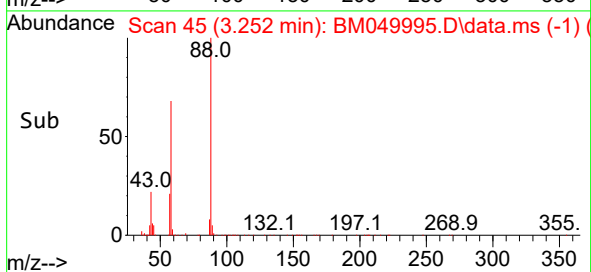
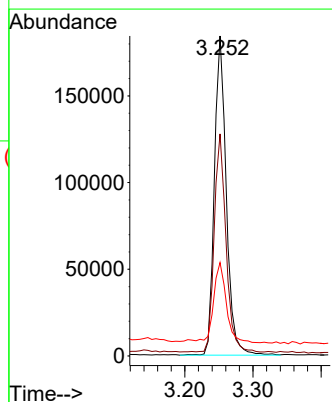
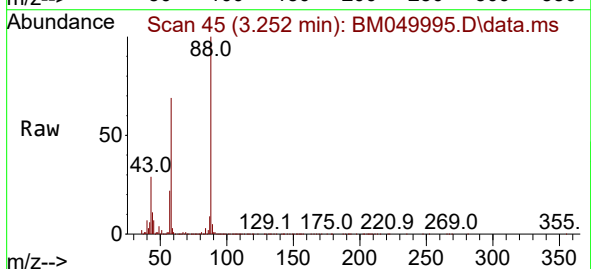
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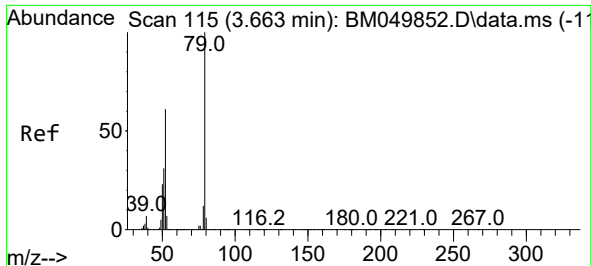
Tgt Ion:152 Resp: 320863
Ion Ratio Lower Upper
152 100
150 151.7 124.3 186.5
115 50.0 41.1 61.7



#2
1,4-Dioxane
Concen: 28.810 ng
RT: 3.252 min Scan# 45
Delta R.T. -0.012 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion: 88 Resp: 224199
Ion Ratio Lower Upper
88 100
58 67.3 54.1 81.1
43 27.1 20.2 30.4



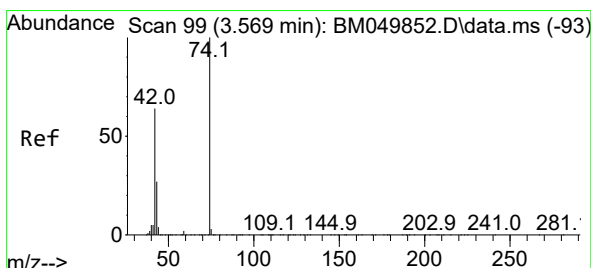
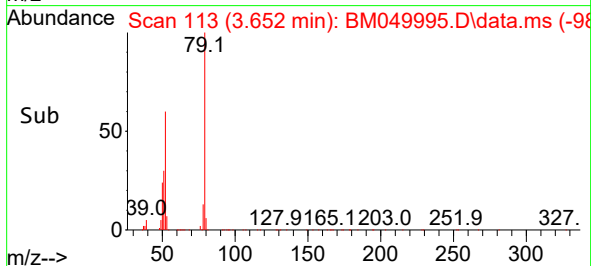
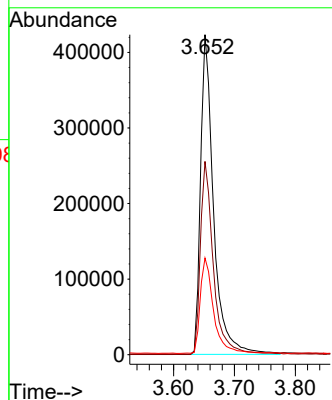
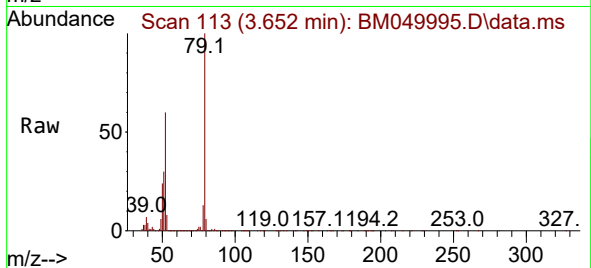


#3
 Pyridine
 Concen: 30.797 ng
 RT: 3.652 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BM049995.D
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Tgt Ion: 79 Resp: 629678

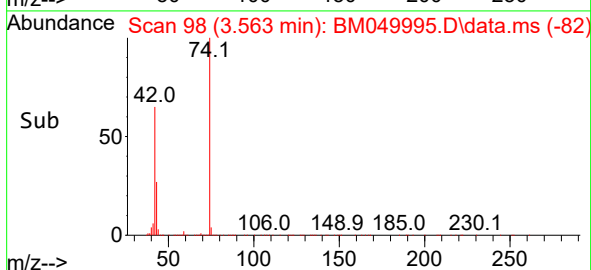
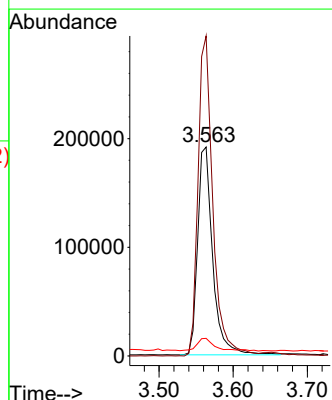
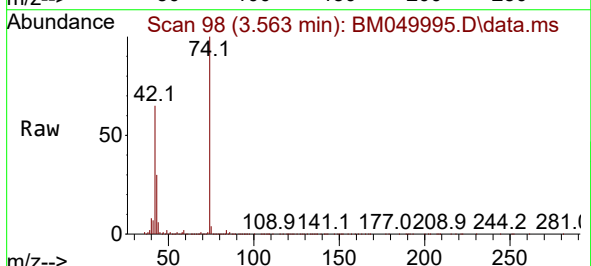
Ion	Ratio	Lower	Upper
79	100		
52	60.4	48.9	73.3
51	30.2	25.0	37.6

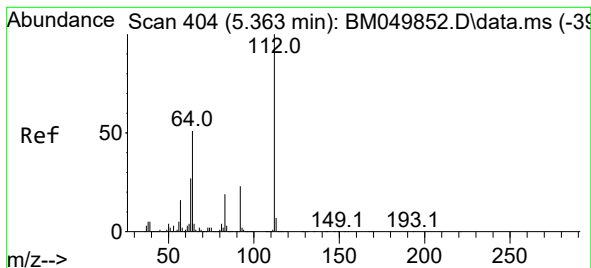


#4
 n-Nitrosodimethylamine
 Concen: 34.582 ng
 RT: 3.563 min Scan# 98
 Delta R.T. -0.006 min
 Lab File: BM049995.D
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Tgt Ion: 42 Resp: 269080

Ion	Ratio	Lower	Upper
42	100		
74	153.1	125.4	188.2
44	8.4	5.9	8.9

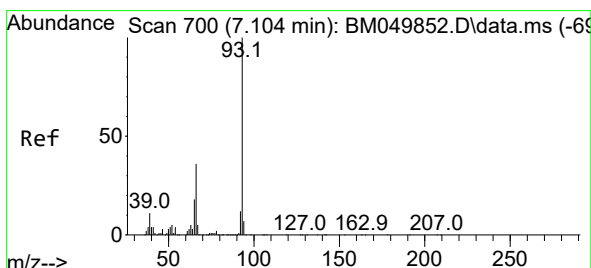
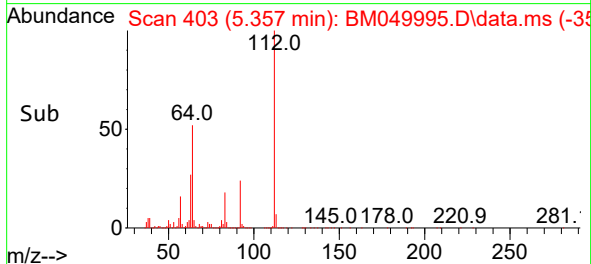
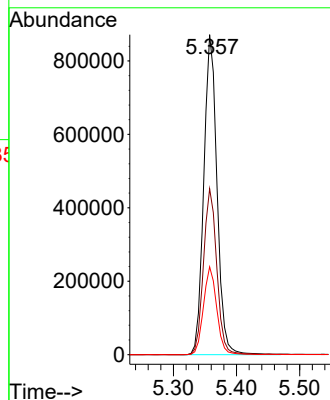
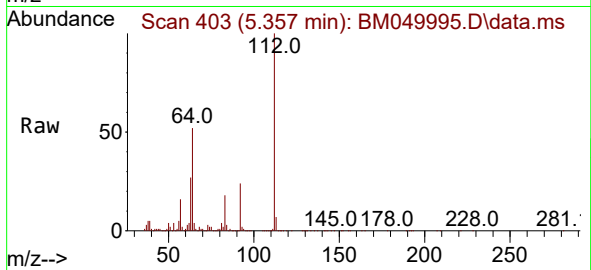




#5
2-Fluorophenol
Concen: 67.326 ng
RT: 5.357 min Scan# 404
Delta R.T. -0.006 min
Lab File: BM049995.D
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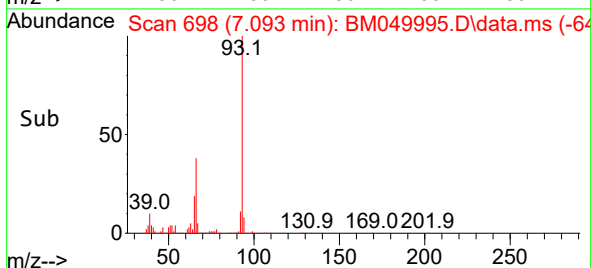
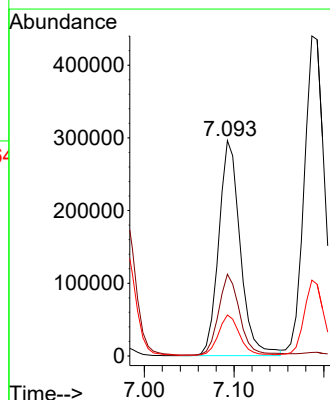
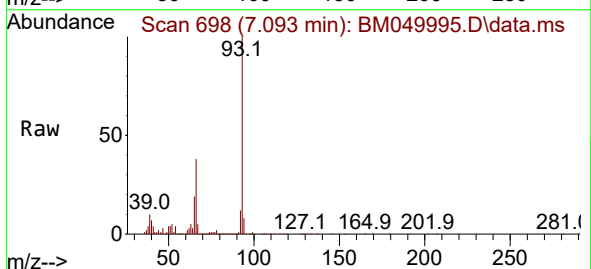
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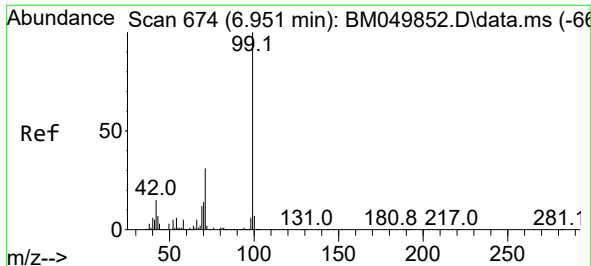
Tgt Ion:112 Resp: 1272177
Ion Ratio Lower Upper
112 100
64 51.8 41.0 61.6
63 27.4 21.5 32.3



#6
Aniline
Concen: 24.438 ng
RT: 7.093 min Scan# 698
Delta R.T. -0.012 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion: 93 Resp: 492304
Ion Ratio Lower Upper
93 100
66 38.0 29.1 43.7
65 19.1 14.9 22.3

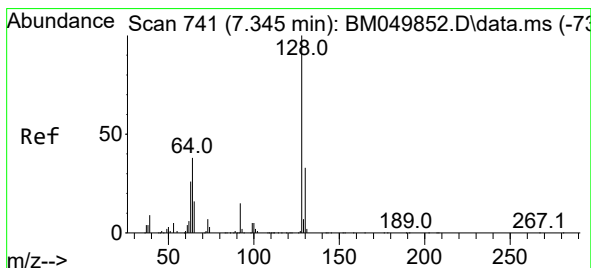
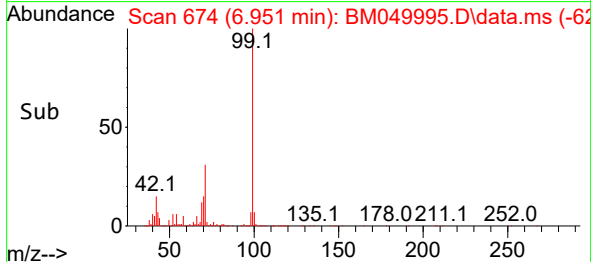
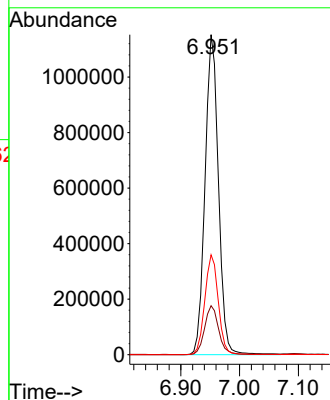
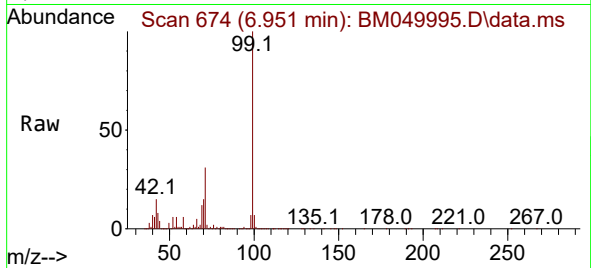




#7
Phenol-d6
Concen: 77.431 ng
RT: 6.951 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049995.D
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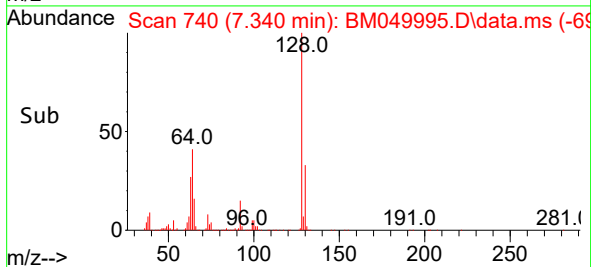
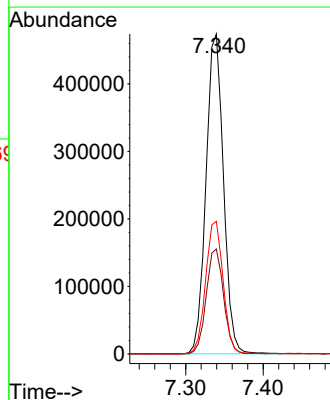
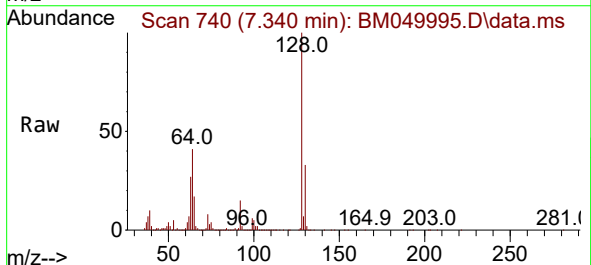
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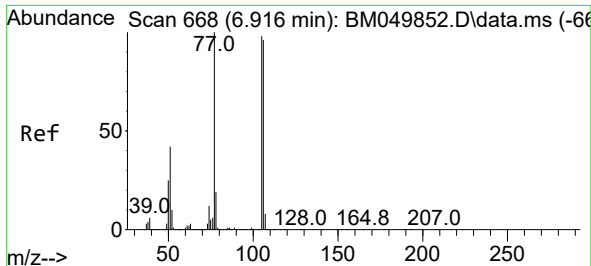
Tgt Ion: 99 Resp: 1820374
Ion Ratio Lower Upper
99 100
42 15.3 12.1 18.1
71 31.2 24.9 37.3



#8
2-Chlorophenol
Concen: 38.359 ng
RT: 7.340 min Scan# 740
Delta R.T. -0.006 min
Lab File: BM049995.D
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Tgt Ion: 128 Resp: 742794
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 41.4 21.1 61.1

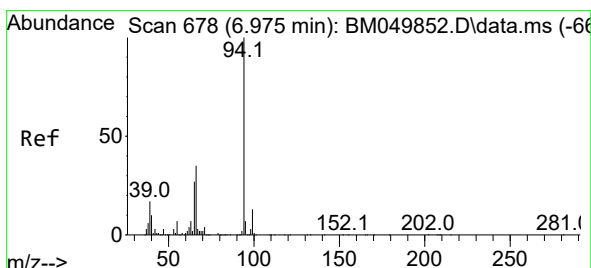
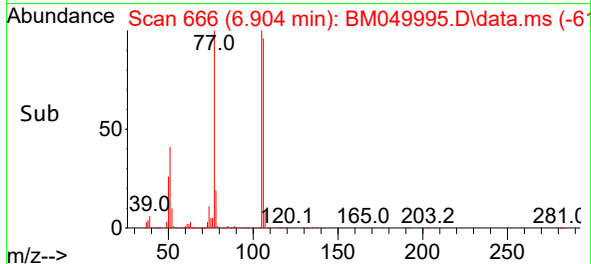
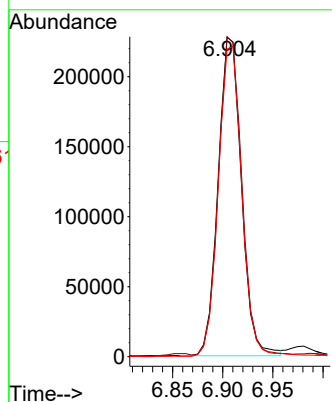
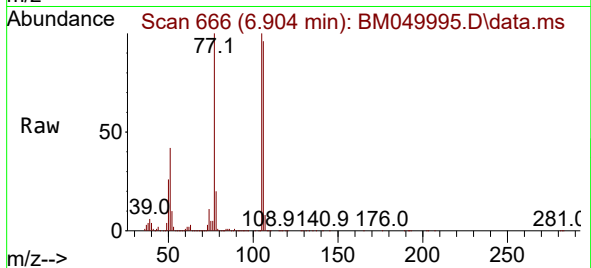




#9
Benzaldehyde
Concen: 30.406 ng
RT: 6.904 min Scan# 666
Delta R.T. -0.012 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

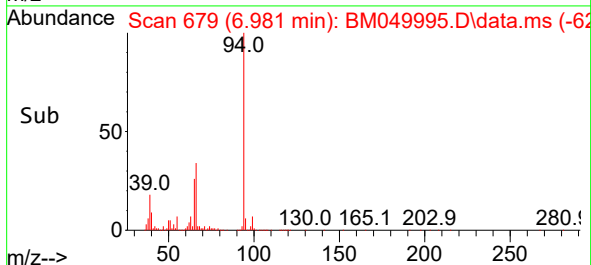
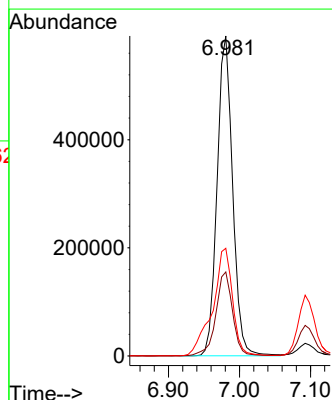
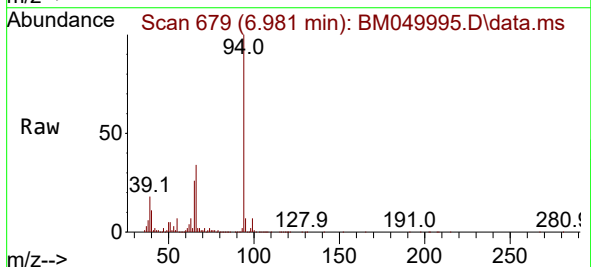
Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

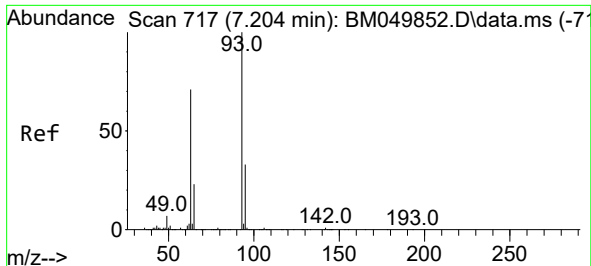
Tgt Ion: 77 Resp: 366836
Ion Ratio Lower Upper
77 100
105 100.2 78.3 118.3
106 96.4 76.0 116.0



#10
Phenol
Concen: 39.058 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion: 94 Resp: 896067
Ion Ratio Lower Upper
94 100
65 26.2 7.3 47.3
66 33.6 14.8 54.8

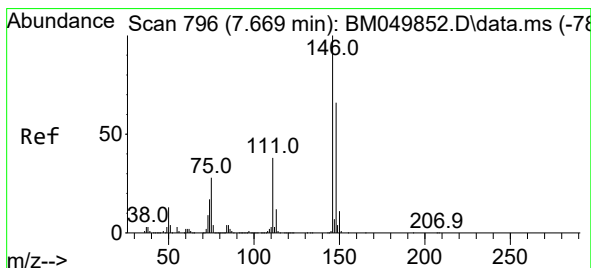
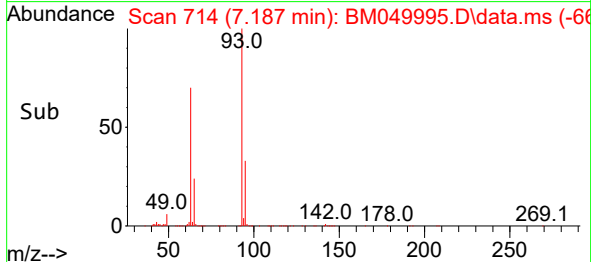
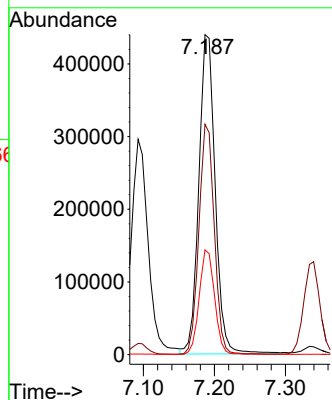
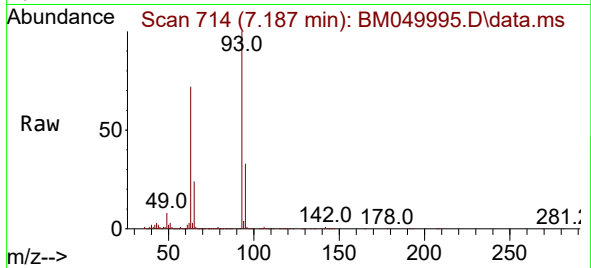




#11
bis(2-Chloroethyl)ether
Concen: 39.195 ng
RT: 7.187 min Scan# 714
Delta R.T. -0.018 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

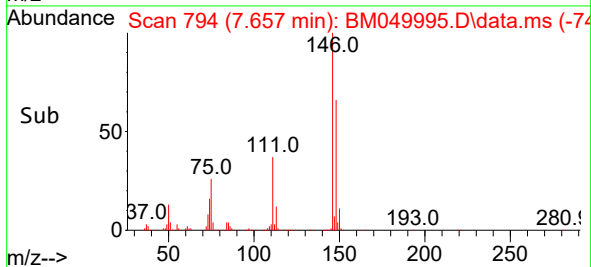
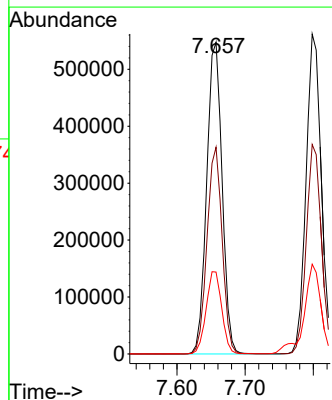
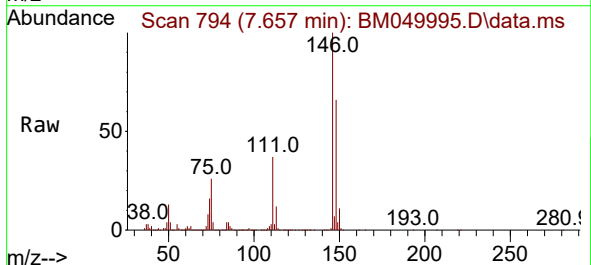
Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

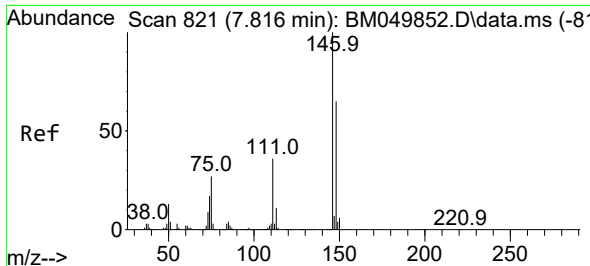
Tgt Ion: 93 Resp: 705157
Ion Ratio Lower Upper
93 100
63 72.0 50.9 90.9
95 32.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 37.587 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.012 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion:146 Resp: 860532
Ion Ratio Lower Upper
146 100
148 66.3 52.5 78.7
75 26.3 22.5 33.7

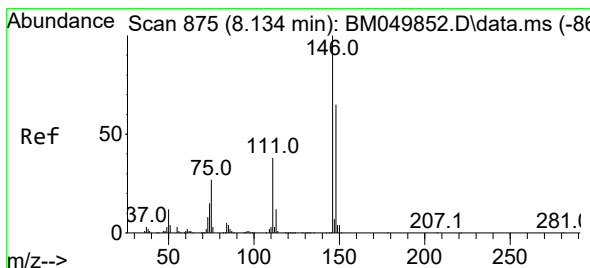
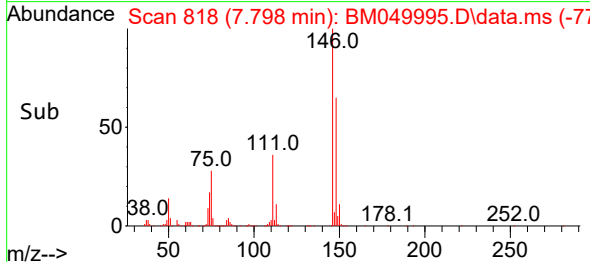
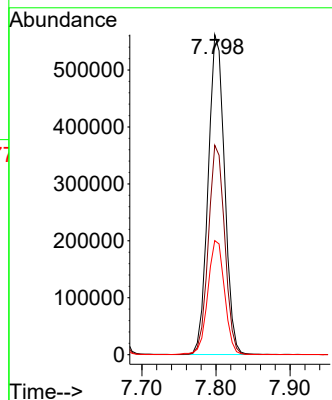
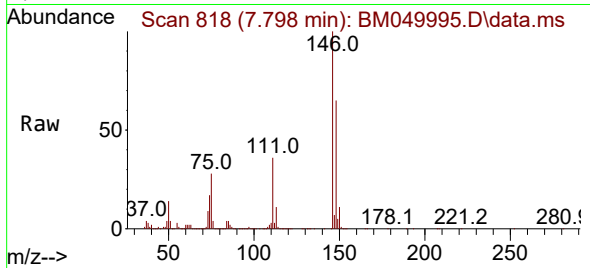




#13
1,4-Dichlorobenzene
Concen: 37.570 ng
RT: 7.798 min Scan# 811
Delta R.T. -0.018 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

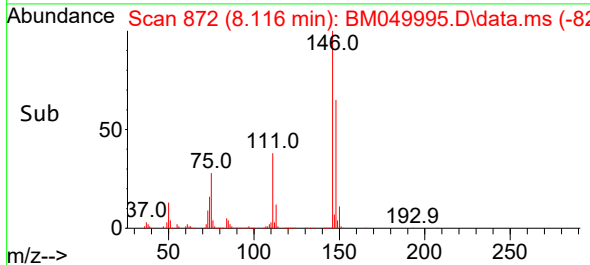
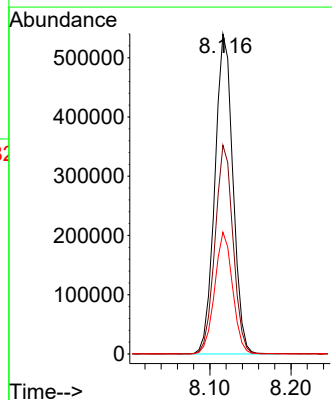
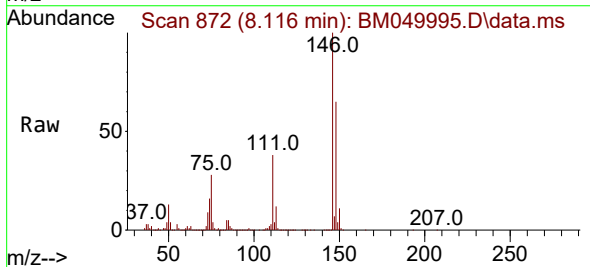
Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

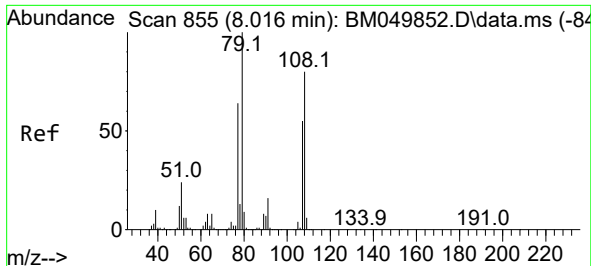
Tgt Ion:146 Resp: 865464
Ion Ratio Lower Upper
146 100
148 65.5 52.4 78.6
111 35.7 28.5 42.7



#14
1,2-Dichlorobenzene
Concen: 38.588 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.018 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion:146 Resp: 837269
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
111 38.1 30.2 45.4

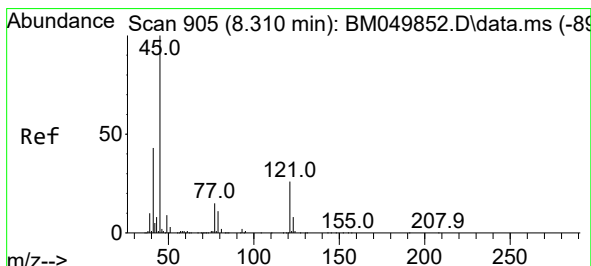
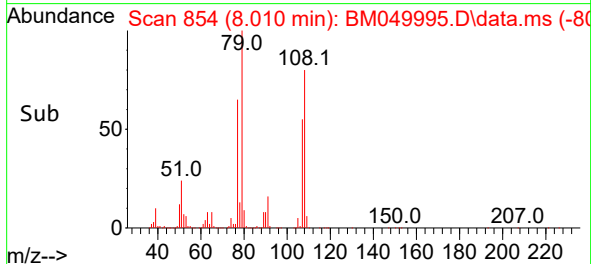
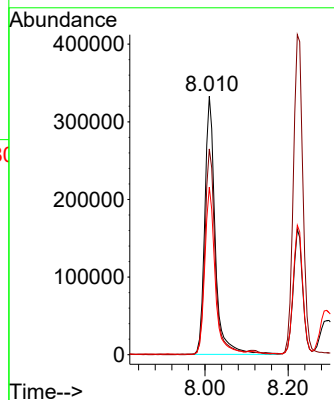
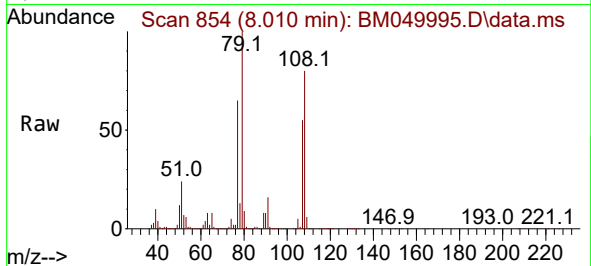




#15
Benzyl Alcohol
Concen: 39.217 ng
RT: 8.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

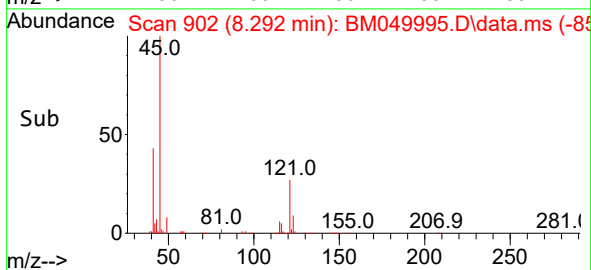
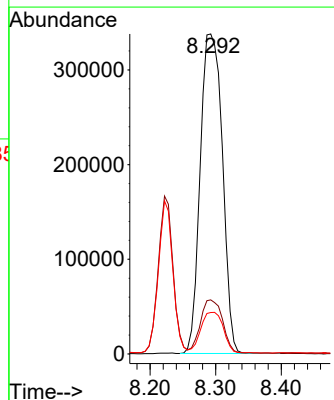
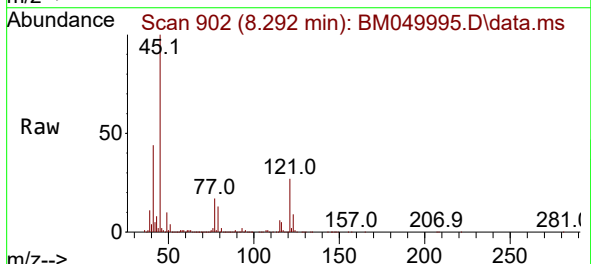
Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

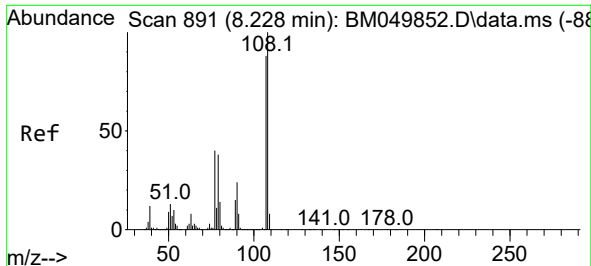
Tgt Ion: 79 Resp: 580570
Ion Ratio Lower Upper
79 100
108 79.6 63.6 95.4
77 64.8 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.593 ng
RT: 8.292 min Scan# 902
Delta R.T. -0.018 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion: 45 Resp: 793938
Ion Ratio Lower Upper
45 100
77 16.9 0.0 36.9
79 12.9 0.0 32.9

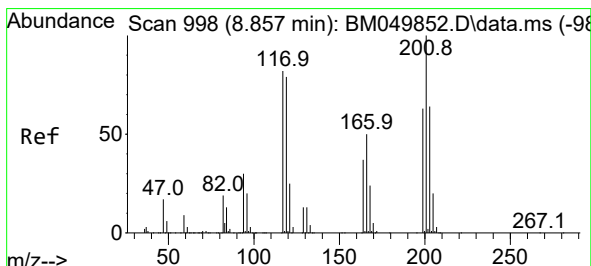
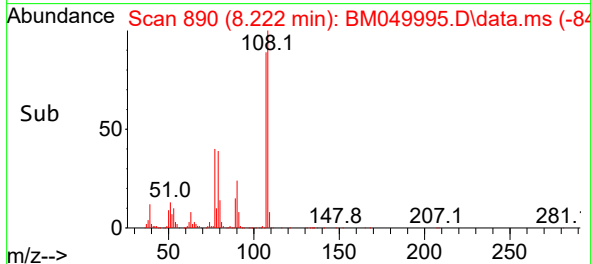
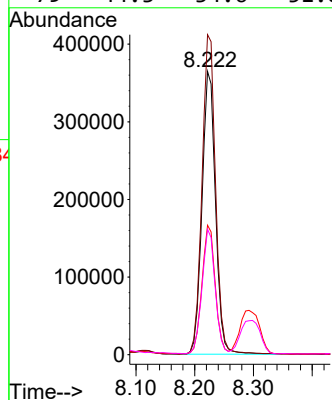
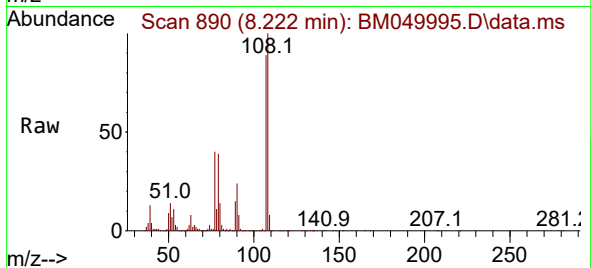




#17
2-Methylphenol
Concen: 40.968 ng
RT: 8.222 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

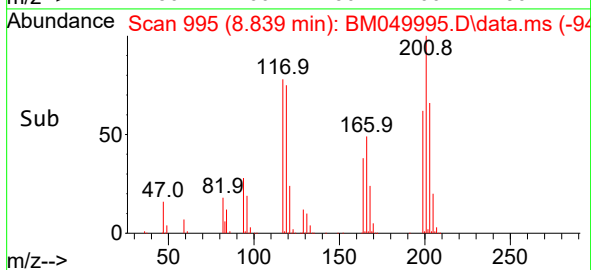
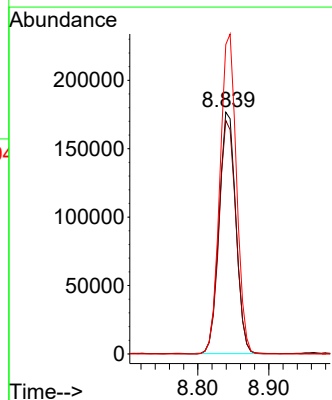
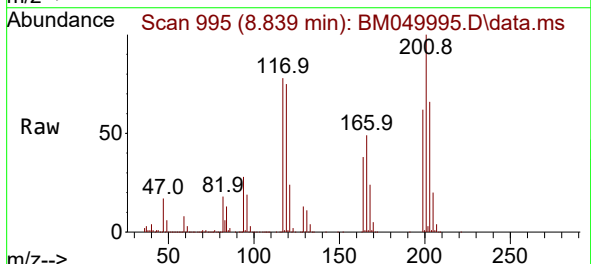
Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

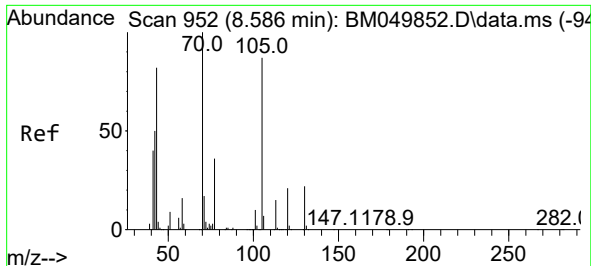
Tgt Ion:	107	Resp:	579199
Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.0	136.6
77	45.7	36.5	54.7
79	44.3	34.6	51.8



#18
Hexachloroethane
Concen: 36.071 ng
RT: 8.839 min Scan# 995
Delta R.T. -0.018 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion:	117	Resp:	289092
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.5	116.3
201	128.0	97.7	146.5



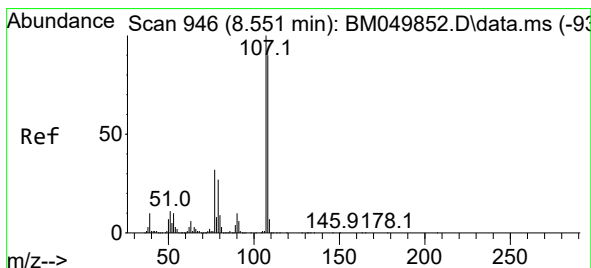
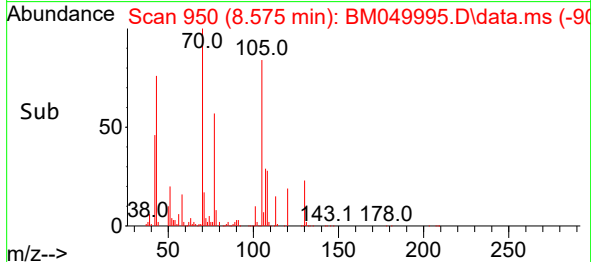
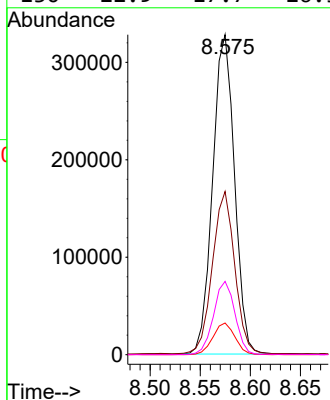
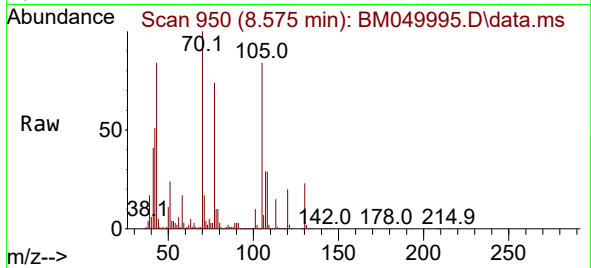


#19
n-Nitroso-di-n-propylamine
Concen: 38.034 ng
RT: 8.575 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

Tgt Ion: 70 Resp: 495236

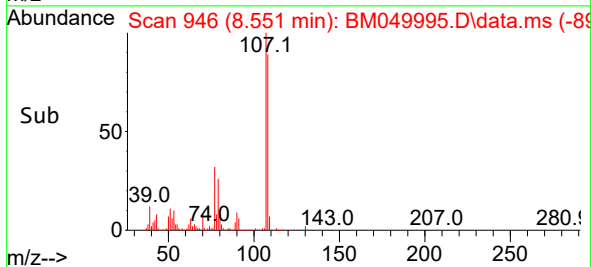
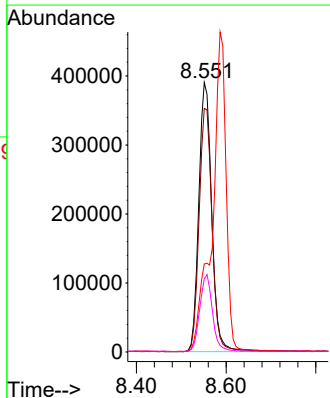
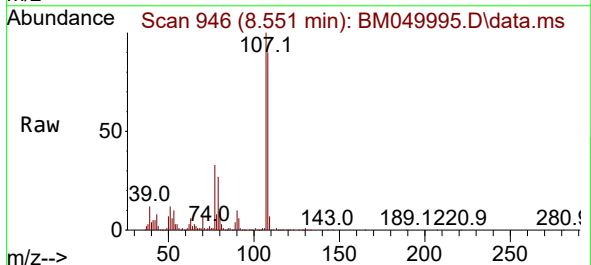
Ion	Ratio	Lower	Upper
70	100		
42	51.0	40.2	60.2
101	9.9	7.9	11.9
130	22.9	17.7	26.5

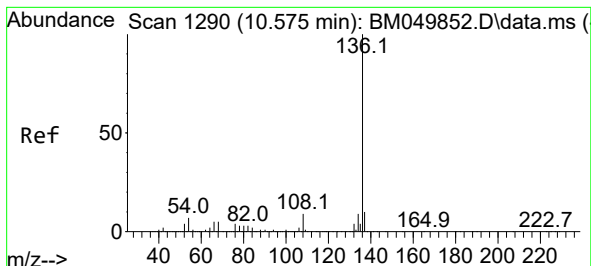


#20
3+4-Methylphenols
Concen: 40.530 ng
RT: 8.551 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion: 107 Resp: 781209

Ion	Ratio	Lower	Upper
107	100		
108	90.4	69.6	109.6
77	32.7	11.7	51.7
79	27.1	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.557 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Instrument :

BNA_M

ClientSampleId :

ETGI-342MSD

Tgt Ion:136 Resp: 1105347

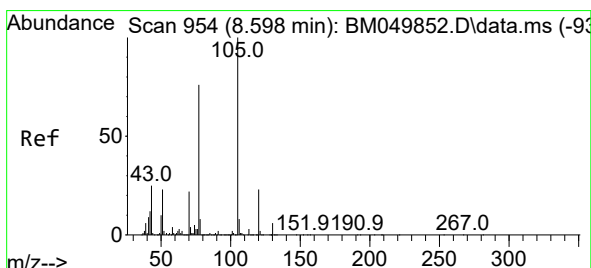
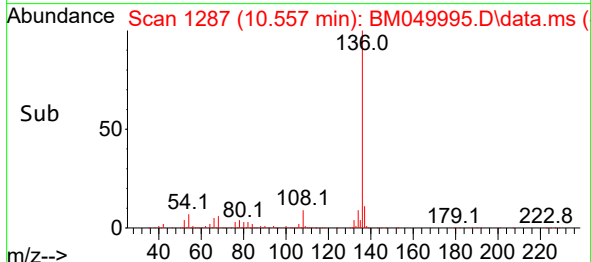
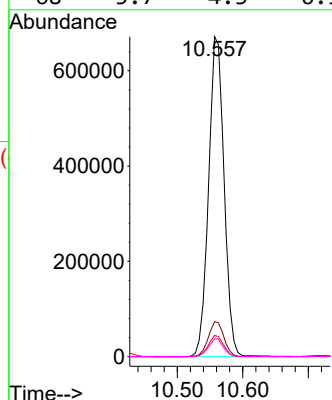
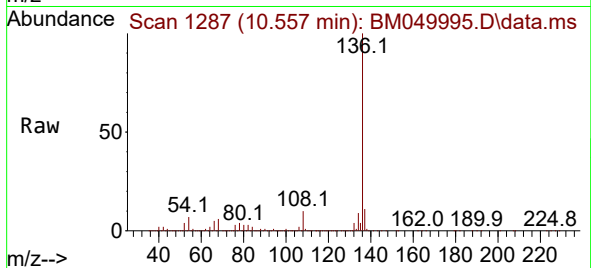
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 6.6 5.3 7.9

68 5.7 4.3 6.5



#22

Acetophenone

Concen: 37.492 ng

RT: 8.587 min Scan# 952

Delta R.T. -0.012 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Tgt Ion:105 Resp: 1007174

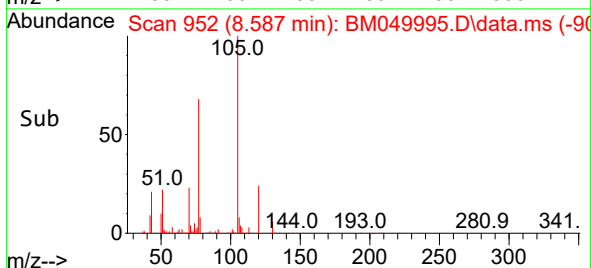
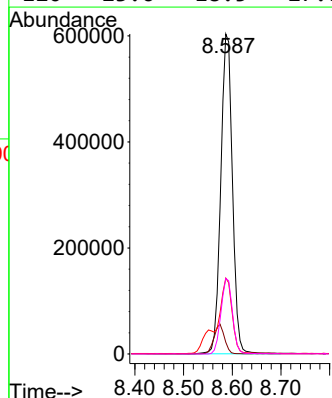
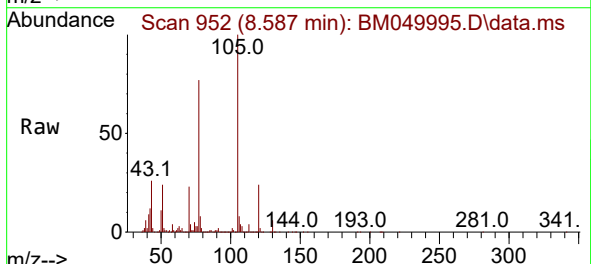
Ion Ratio Lower Upper

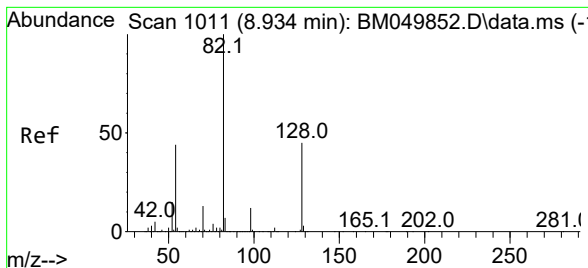
105 100

71 3.7 3.0 4.4

51 23.7 18.6 27.8

120 23.6 18.5 27.7

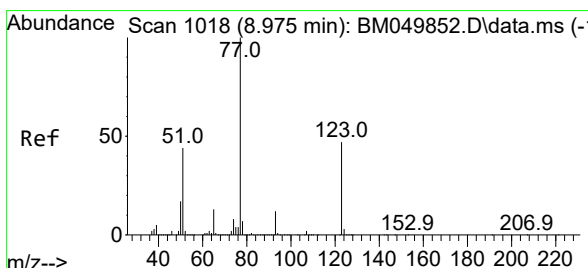
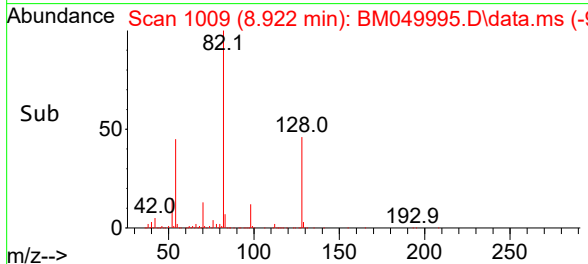
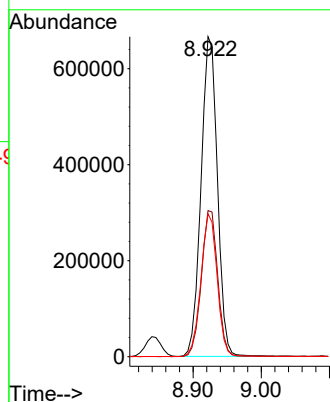
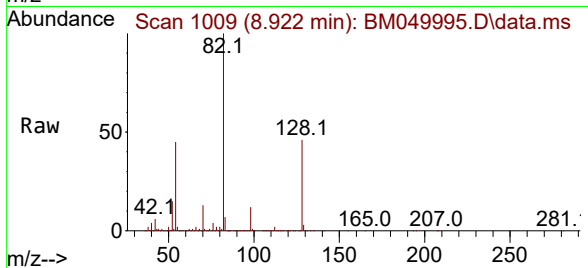




#23
Nitrobenzene-d5
Concen: 56.084 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

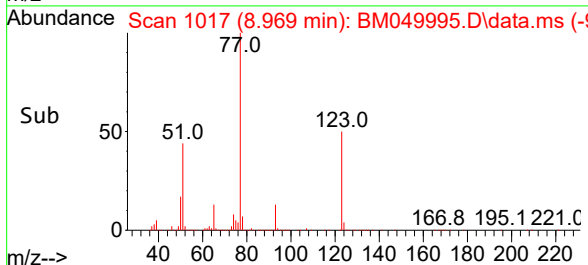
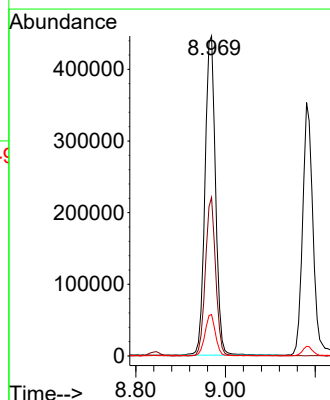
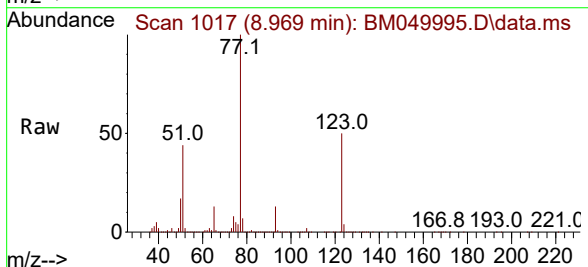
Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

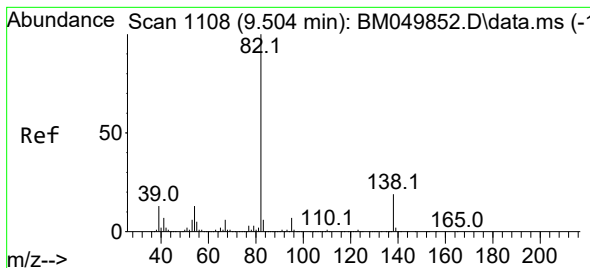
Tgt Ion: 82 Resp: 1113258
Ion Ratio Lower Upper
82 100
128 45.6 36.2 54.2
54 44.7 35.0 52.6



#24
Nitrobenzene
Concen: 37.933 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion: 77 Resp: 725029
Ion Ratio Lower Upper
77 100
123 49.6 37.4 56.2
65 12.9 10.1 15.1





#25

Isophorone

Concen: 41.020 ng

RT: 9.492 min Scan# 1106

Delta R.T. -0.012 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Instrument :

BNA_M

ClientSampleId :

ETGI-342MSD

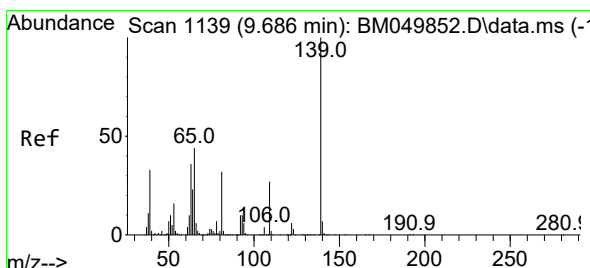
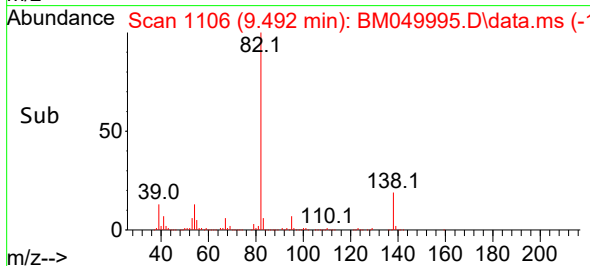
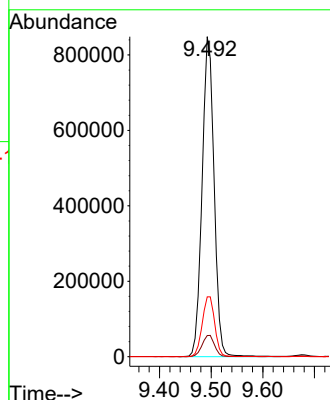
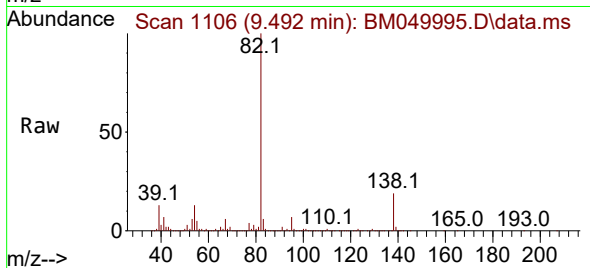
Tgt Ion: 82 Resp: 1364019

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

138 18.7 15.0 22.6



#26

2-Nitrophenol

Concen: 39.984 ng

RT: 9.675 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

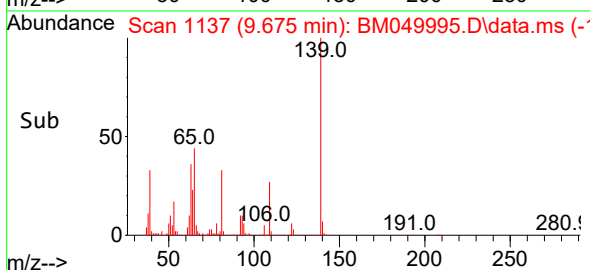
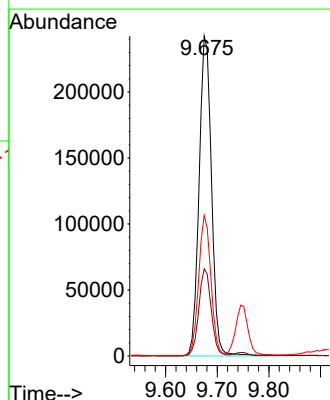
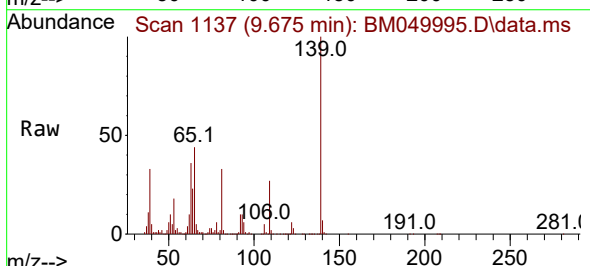
Tgt Ion: 139 Resp: 405057

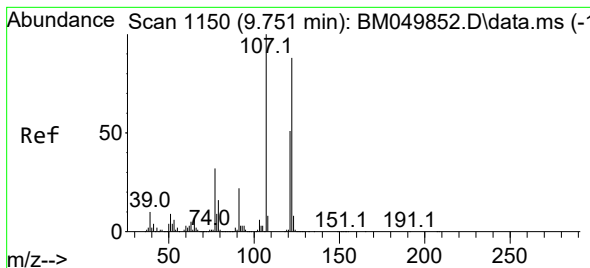
Ion Ratio Lower Upper

139 100

109 27.3 21.7 32.5

65 43.8 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 57.087 ng

RT: 9.745 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Instrument :

BNA_M

ClientSampleId :

ETGI-342MSD

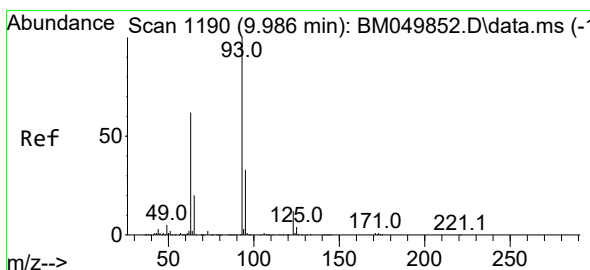
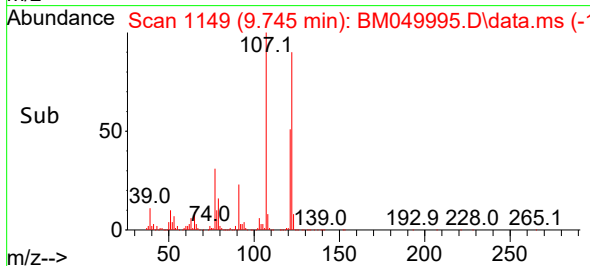
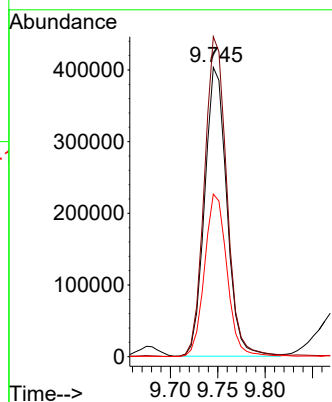
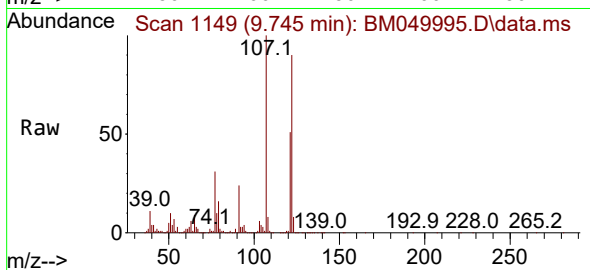
Tgt Ion:122 Resp: 655399

Ion Ratio Lower Upper

122 100

107 110.6 90.3 135.5

121 56.2 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 38.167 ng

RT: 9.969 min Scan# 1187

Delta R.T. -0.018 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

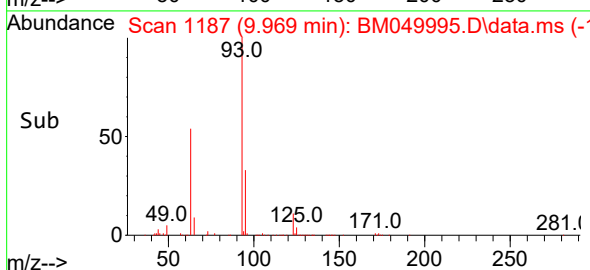
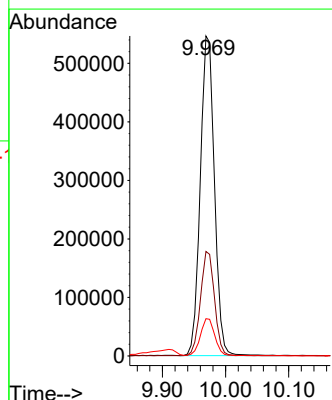
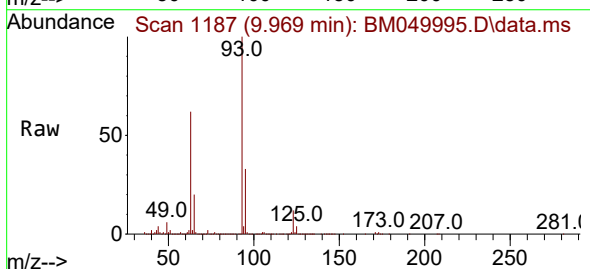
Tgt Ion: 93 Resp: 849665

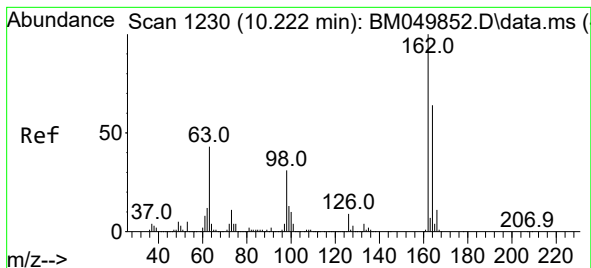
Ion Ratio Lower Upper

93 100

95 32.6 26.6 40.0

123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 39.827 ng

RT: 10.228 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Instrument :

BNA_M

ClientSampleId :

ETGI-342MSD

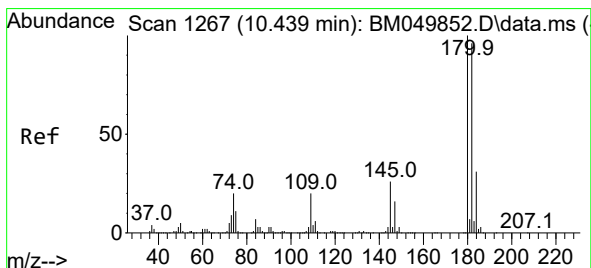
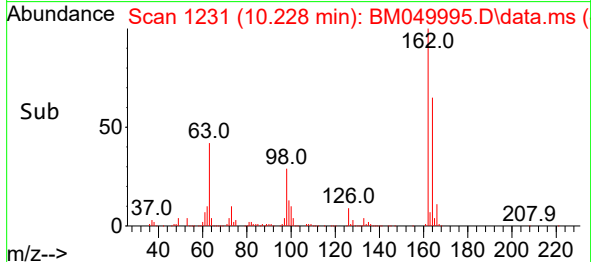
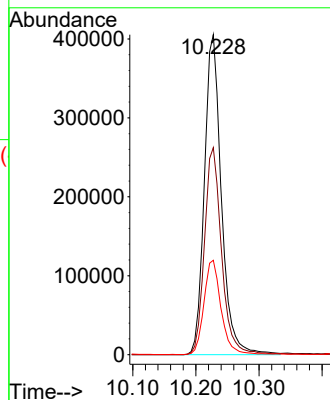
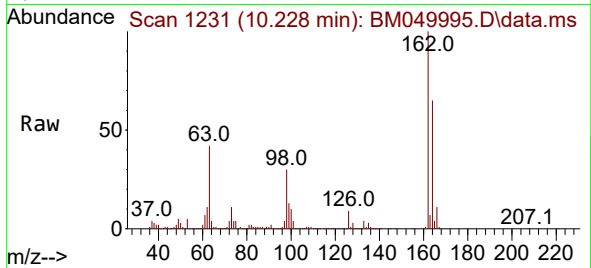
Tgt Ion:162 Resp: 760061

Ion Ratio Lower Upper

162 100

164 64.7 44.3 84.3

98 29.5 10.9 50.9



#30

1,2,4-Trichlorobenzene

Concen: 39.839 ng

RT: 10.428 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

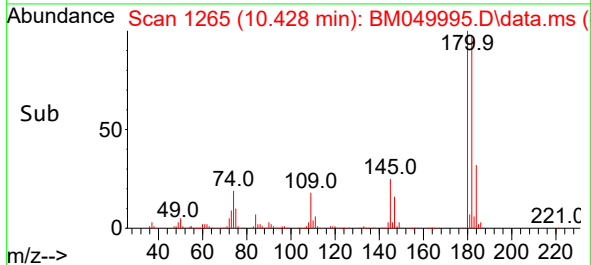
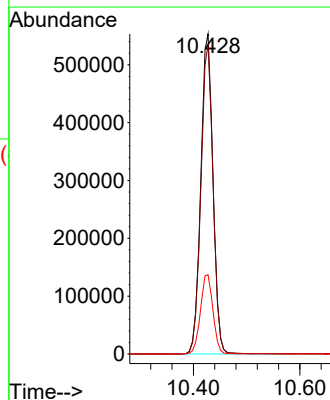
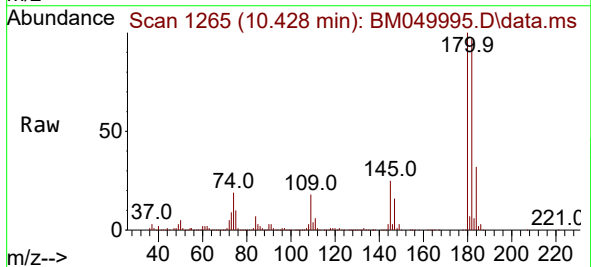
Tgt Ion:180 Resp: 879554

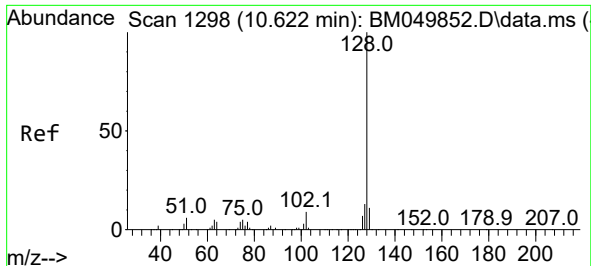
Ion Ratio Lower Upper

180 100

182 96.8 76.7 115.1

145 24.7 20.8 31.2

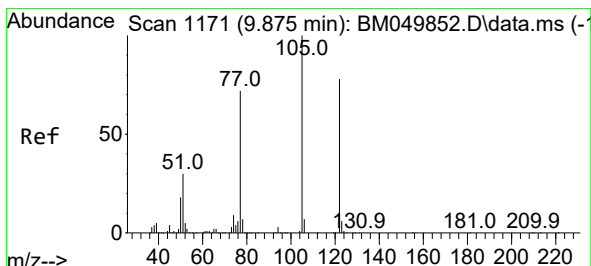
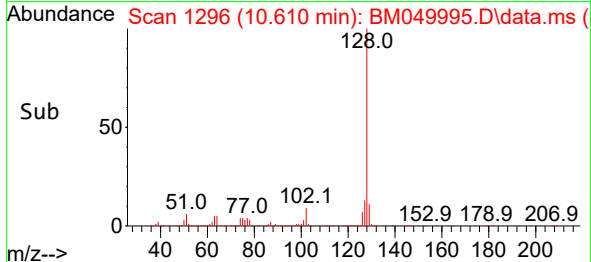
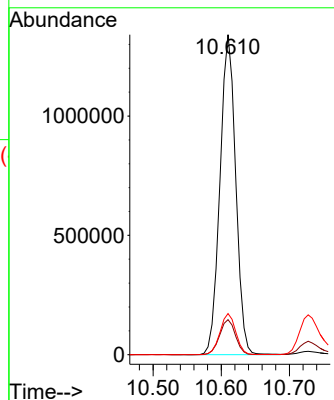
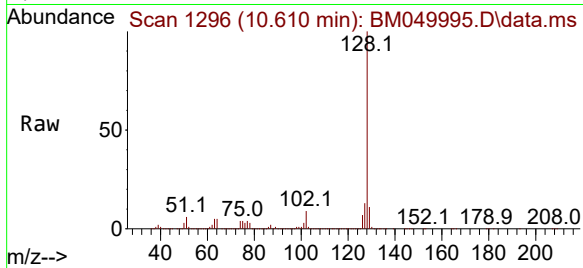




#31
Naphthalene
Concen: 37.925 ng
RT: 10.610 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

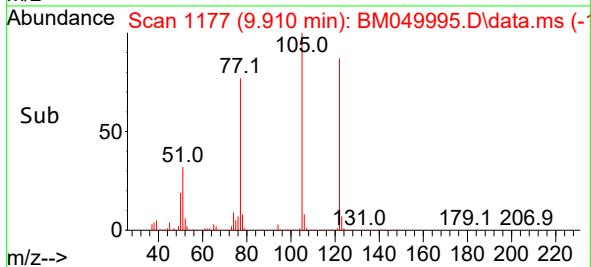
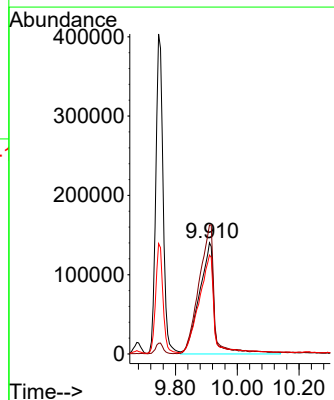
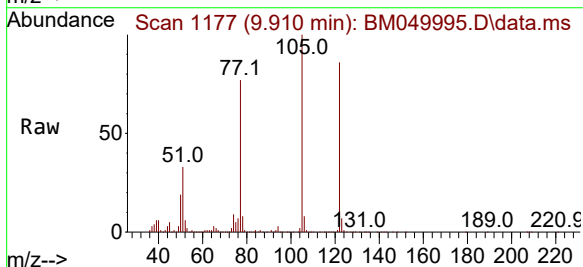
Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

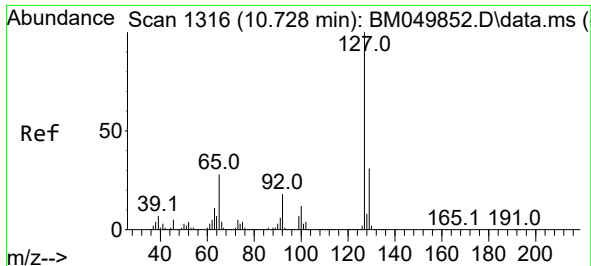
Tgt Ion:128 Resp: 2154038
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 36.408 ng m
RT: 9.910 min Scan# 1177
Delta R.T. 0.035 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion:122 Resp: 482414
Ion Ratio Lower Upper
122 100
105 116.0 103.8 143.8
77 88.9 70.7 110.7

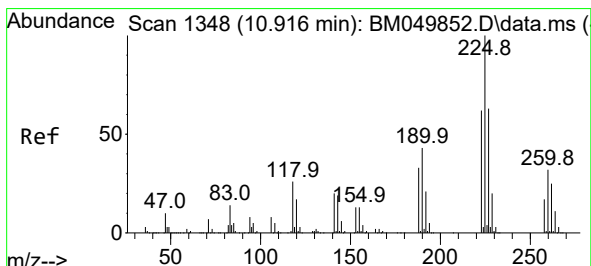
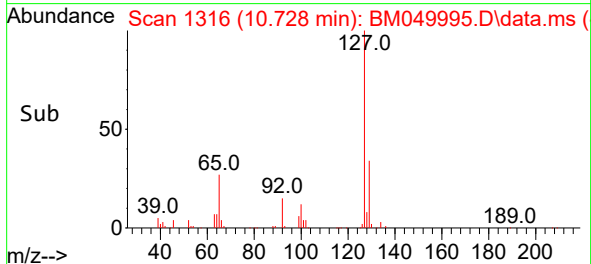
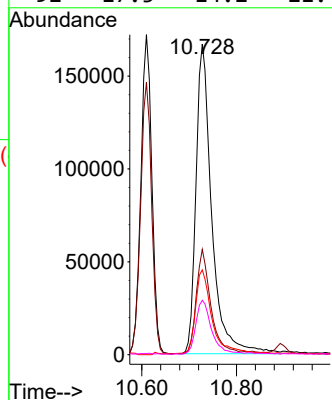
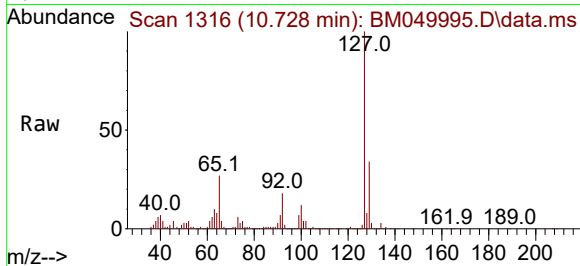




#33
4-Chloroaniline
Concen: 19.241 ng
RT: 10.728 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

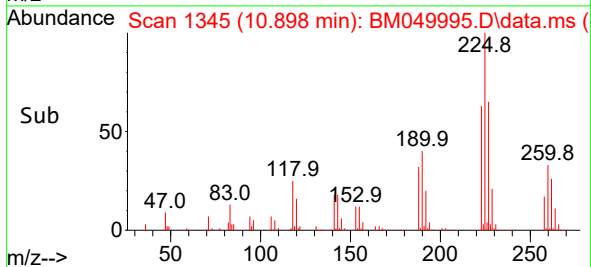
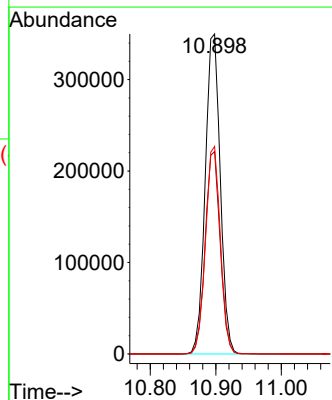
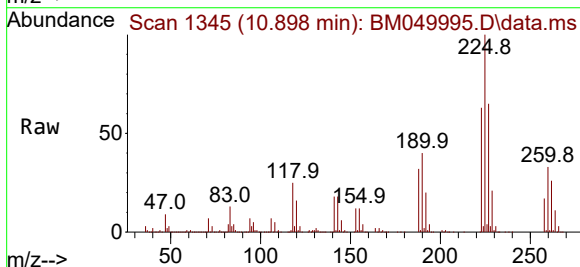
Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

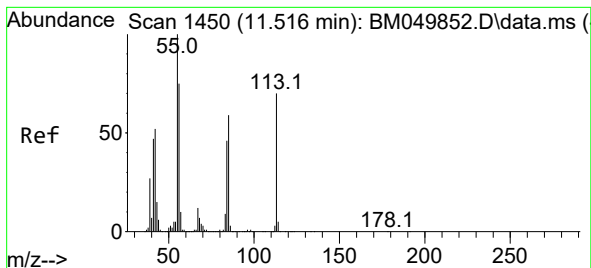
Tgt Ion:	127	Resp:	385886
Ion Ratio	Lower	Upper	
127	100		
129	33.9	24.9	37.3
65	27.3	22.4	33.6
92	17.5	14.2	21.4



#34
Hexachlorobutadiene
Concen: 40.887 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.018 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion:	225	Resp:	558366
Ion Ratio	Lower	Upper	
225	100		
223	63.3	49.4	74.2
227	64.9	50.1	75.1





#35

Caprolactam

Concen: 37.310 ng

RT: 11.516 min Scan# 14

Delta R.T. 0.000 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Instrument :

BNA_M

ClientSampleId :

ETGI-342MSD

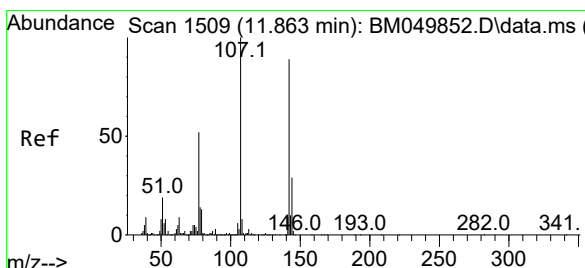
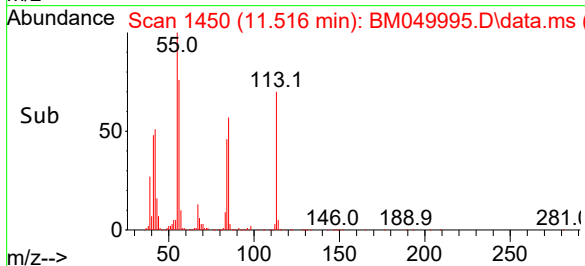
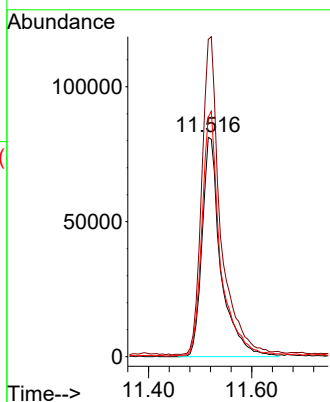
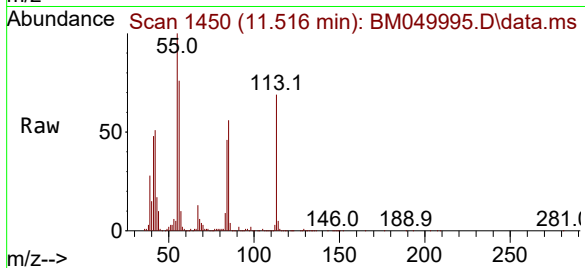
Tgt Ion:113 Resp: 204220

Ion Ratio Lower Upper

113 100

55 144.6 124.3 164.3

56 109.3 87.5 127.5



#36

4-Chloro-3-methylphenol

Concen: 38.950 ng

RT: 11.875 min Scan# 1511

Delta R.T. 0.012 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

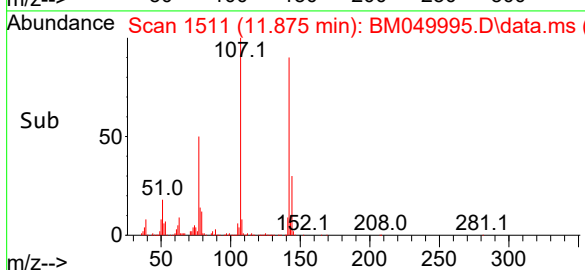
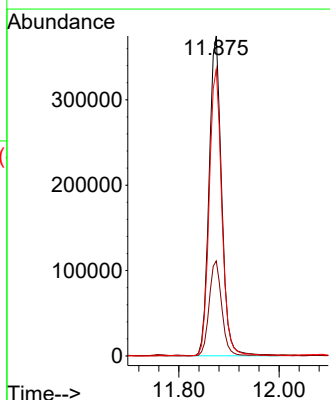
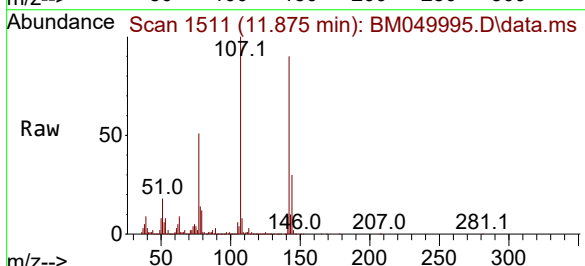
Tgt Ion:107 Resp: 651112

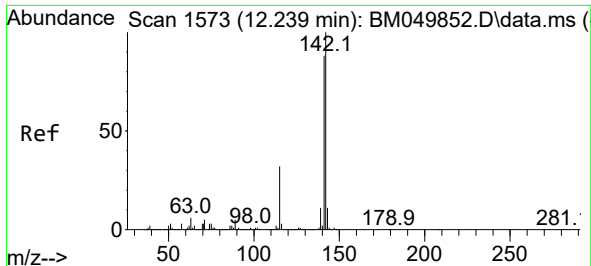
Ion Ratio Lower Upper

107 100

144 29.7 23.6 35.4

142 89.6 71.4 107.0

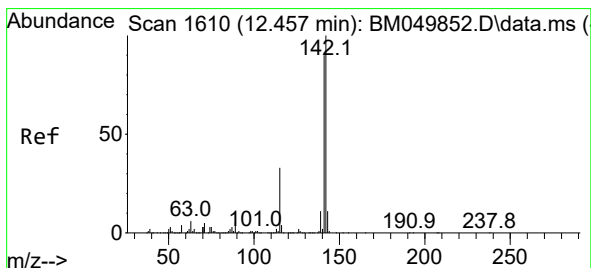
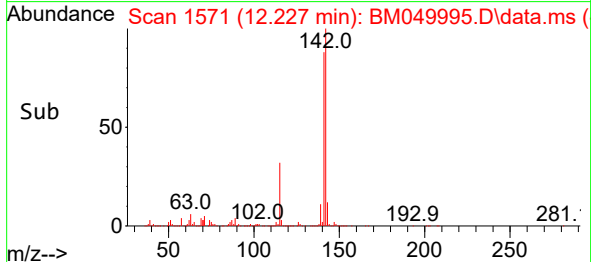
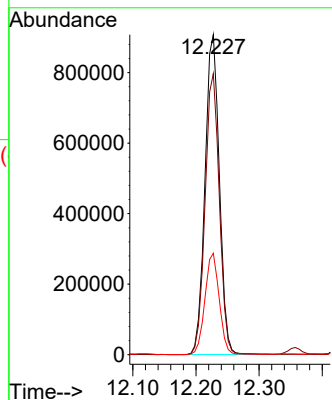
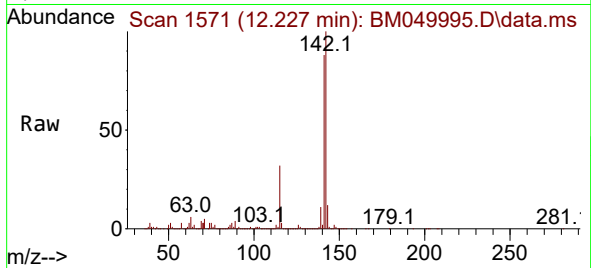




#37
2-Methylnaphthalene
Concen: 35.822 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

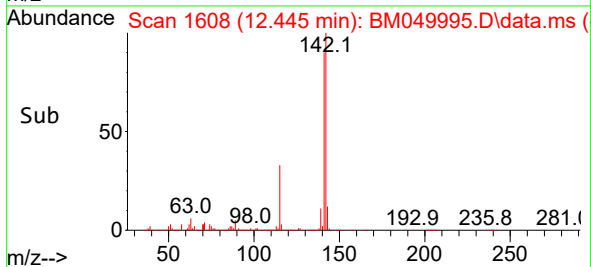
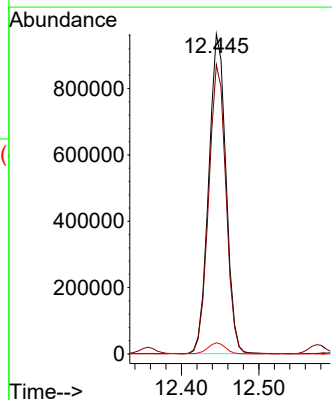
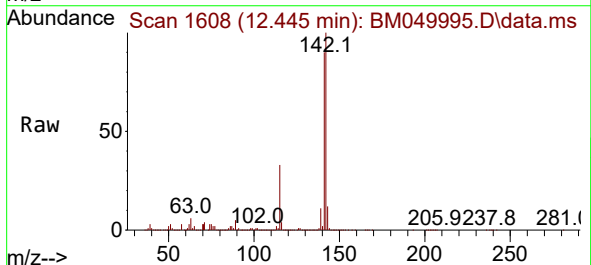
Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

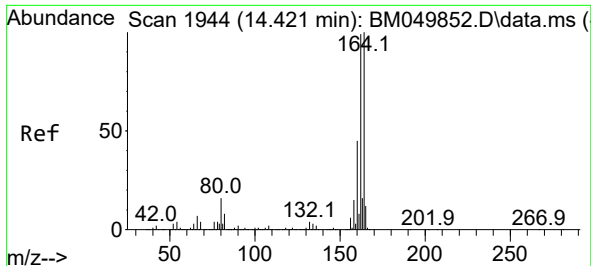
Tgt Ion:142 Resp: 1433472
Ion Ratio Lower Upper
142 100
141 87.8 70.2 105.2
115 31.7 25.4 38.2



#38
1-Methylnaphthalene
Concen: 38.173 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion:142 Resp: 1488226
Ion Ratio Lower Upper
142 100
141 90.4 72.2 108.2
116 3.5 2.9 4.3

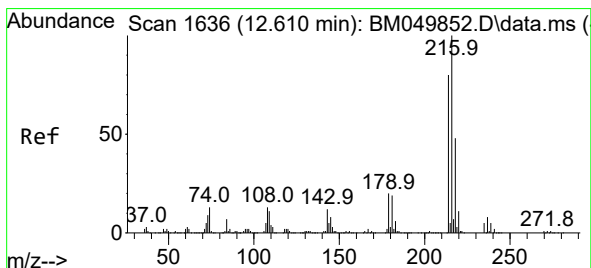
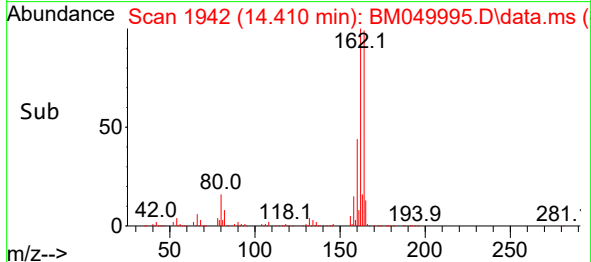
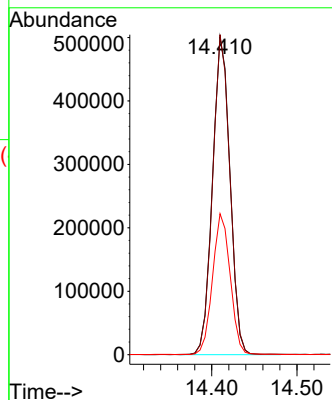
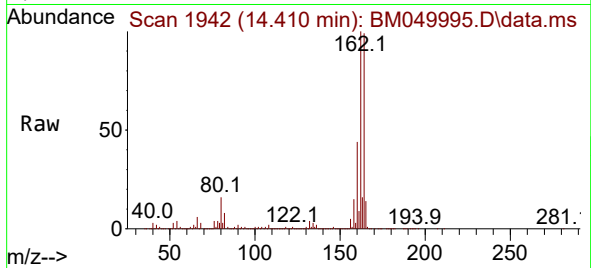




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

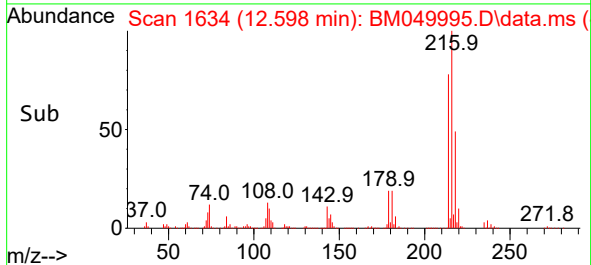
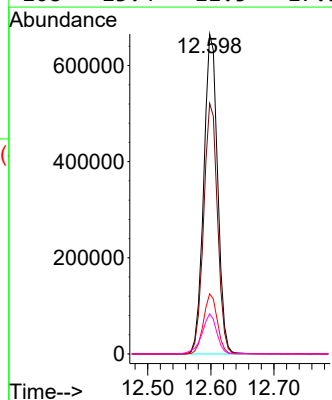
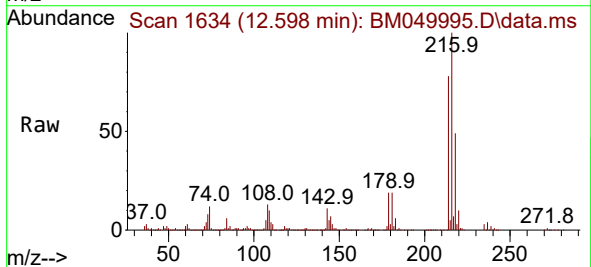
Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

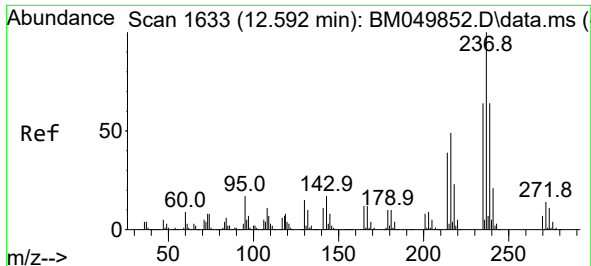
Tgt Ion:164 Resp: 716219
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.0
160 44.4 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.538 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.012 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

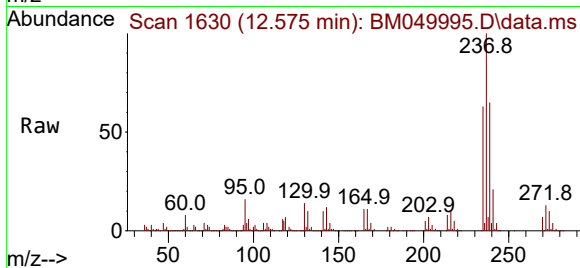
Tgt Ion:216 Resp: 1015738
Ion Ratio Lower Upper
216 100
214 78.3 63.2 94.8
179 18.7 15.8 23.6
108 13.4 11.5 17.3



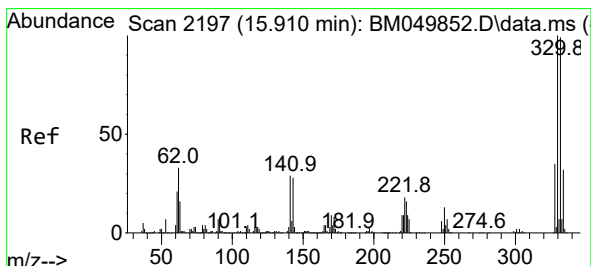
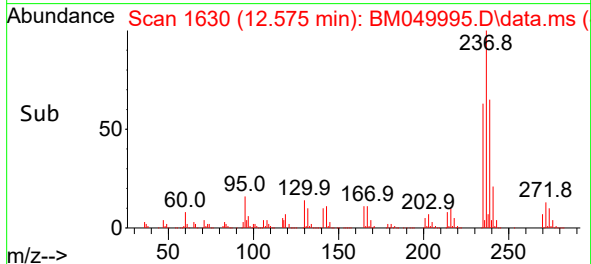
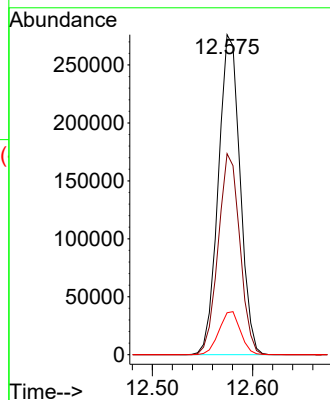


#41
Hexachlorocyclopentadiene
Concen: 47.188 ng
RT: 12.575 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

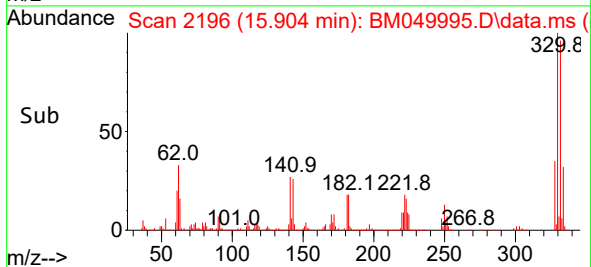
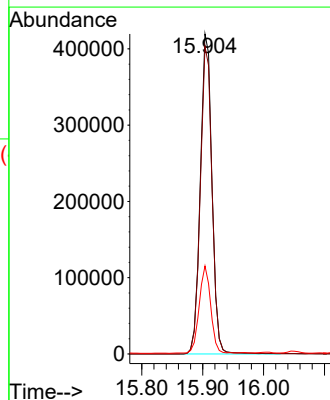
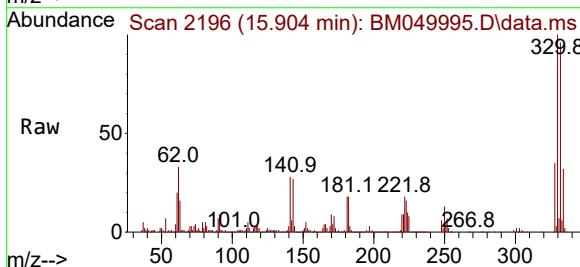


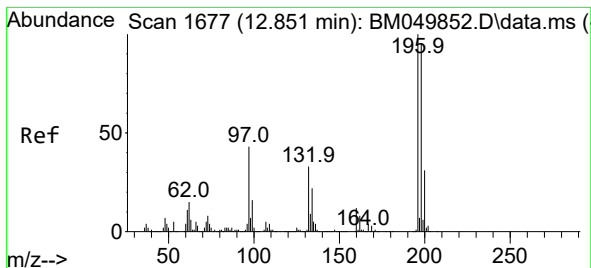
Tgt Ion:237 Resp: 414315
Ion Ratio Lower Upper
237 100
235 62.8 43.7 83.7
272 13.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 53.535 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion:330 Resp: 557713
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 27.0 23.5 35.3





#43

2,4,6-Trichlorophenol

Concen: 41.615 ng

RT: 12.845 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Instrument :

BNA_M

ClientSampleId :

ETGI-342MSD

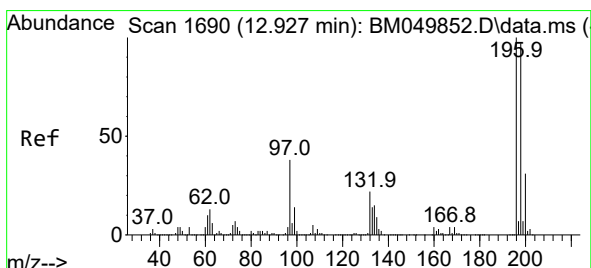
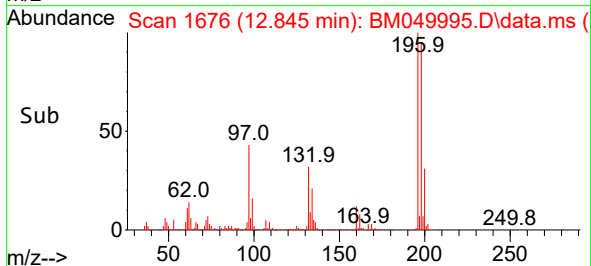
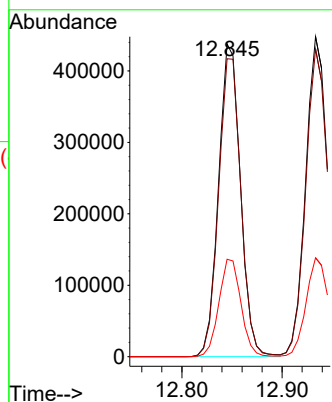
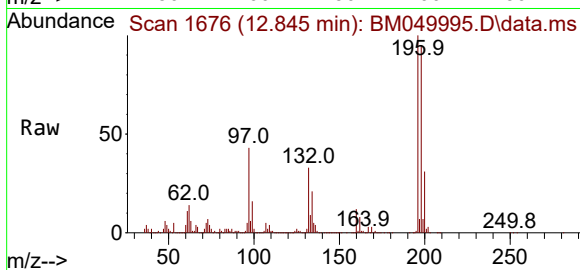
Tgt Ion:196 Resp: 663527

Ion Ratio Lower Upper

196 100

198 95.3 76.1 114.1

200 31.2 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 41.706 ng

RT: 12.933 min Scan# 1691

Delta R.T. 0.006 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Tgt Ion:196 Resp: 722639

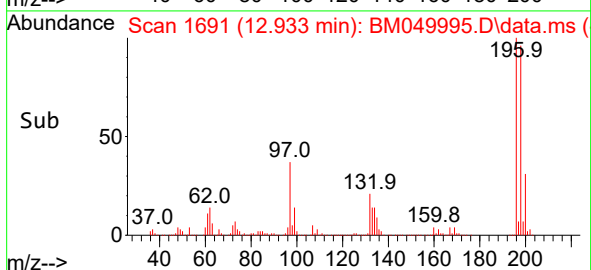
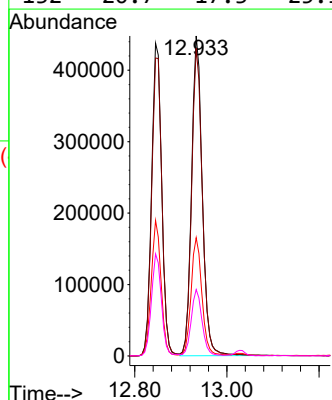
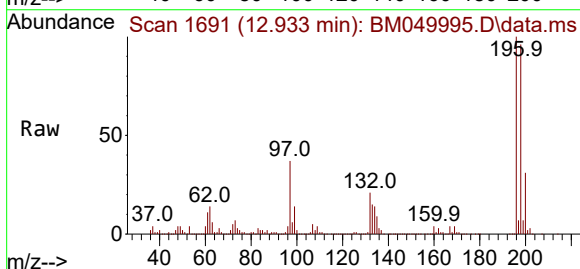
Ion Ratio Lower Upper

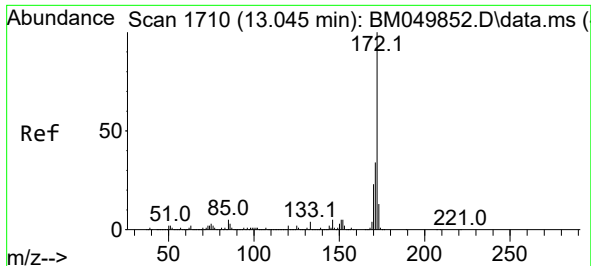
196 100

198 96.1 77.7 116.5

97 36.9 30.3 45.5

132 20.7 17.3 25.9

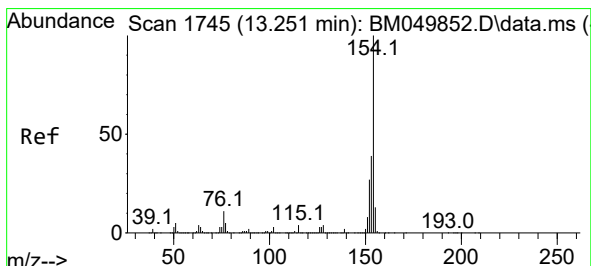
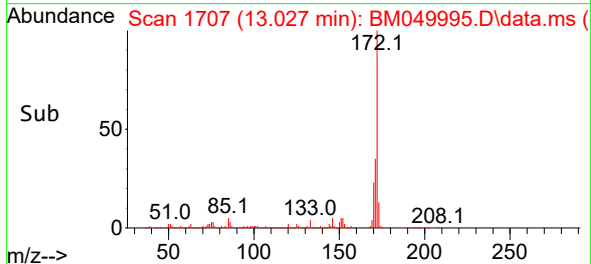
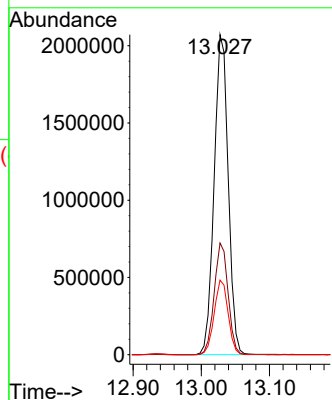
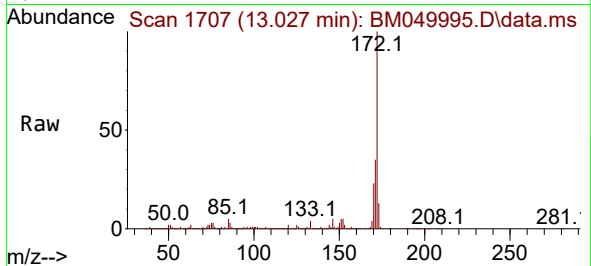




#45
2-Fluorobiphenyl
Concen: 56.342 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.018 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

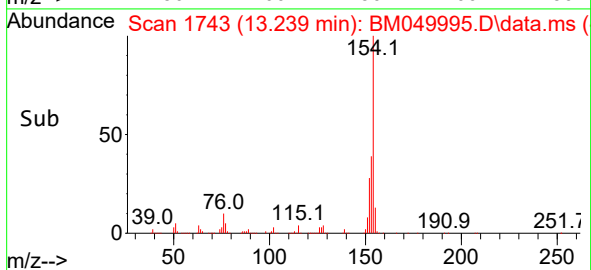
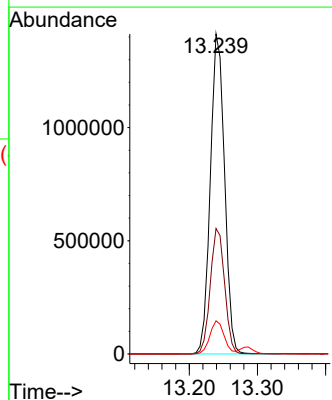
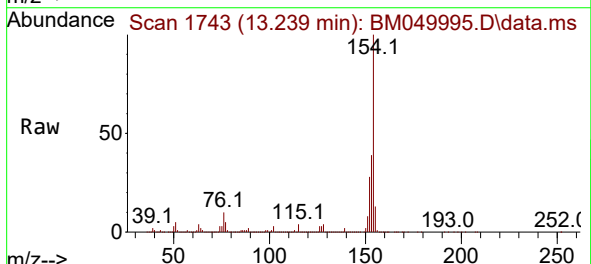
Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

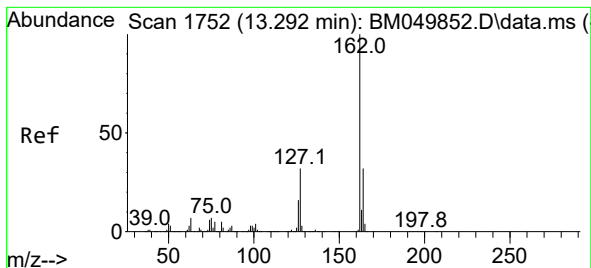
Tgt Ion:172 Resp: 2975851
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.2
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 38.616 ng
RT: 13.239 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion:154 Resp: 2055982
Ion Ratio Lower Upper
154 100
153 39.2 19.3 59.3
76 10.3 0.0 30.7





#47

2-Chloronaphthalene

Concen: 39.260 ng

RT: 13.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Instrument :

BNA_M

ClientSampleId :

ETGI-342MSD

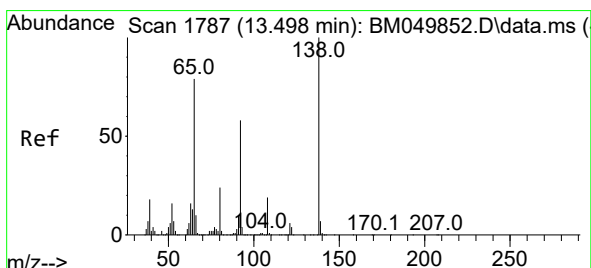
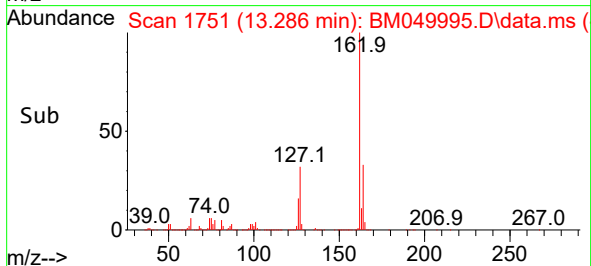
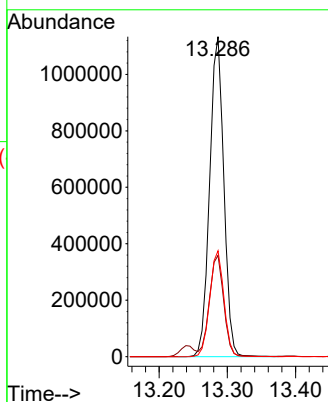
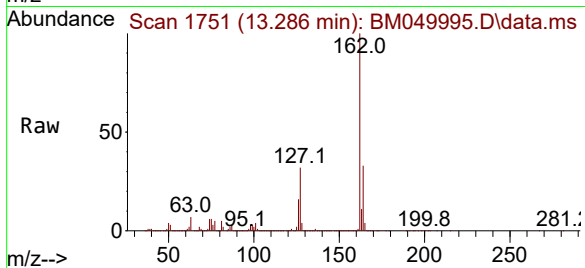
Tgt Ion:162 Resp: 1642934

Ion Ratio Lower Upper

162 100

127 31.6 26.0 39.0

164 33.1 25.9 38.9



#48

2-Nitroaniline

Concen: 41.183 ng

RT: 13.492 min Scan# 1786

Delta R.T. -0.006 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

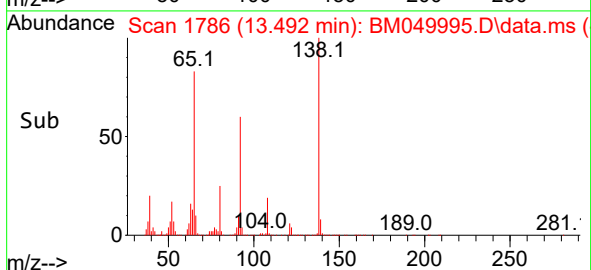
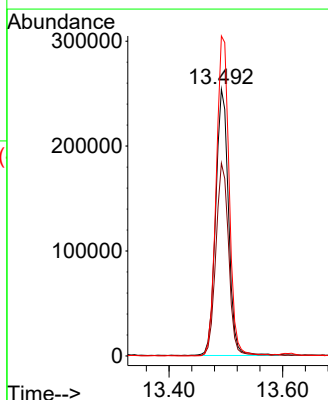
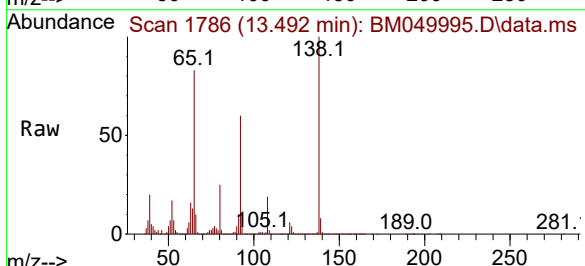
Tgt Ion: 65 Resp: 398691

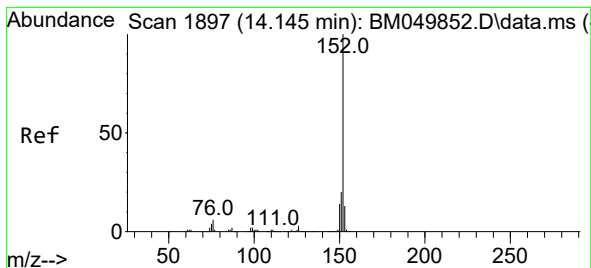
Ion Ratio Lower Upper

65 100

92 72.3 58.4 87.6

138 120.0 100.8 151.2





#49

Acenaphthylene

Concen: 50.198 ng

RT: 14.133 min Scan# 1895

Delta R.T. -0.012 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Instrument :

BNA_M

ClientSampleId :

ETGI-342MSD

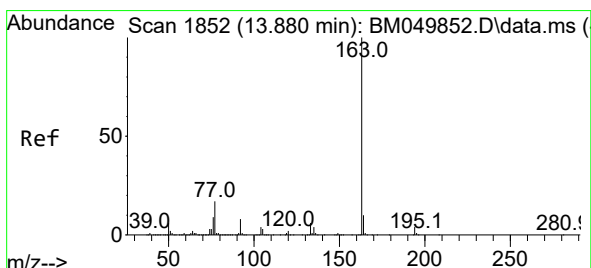
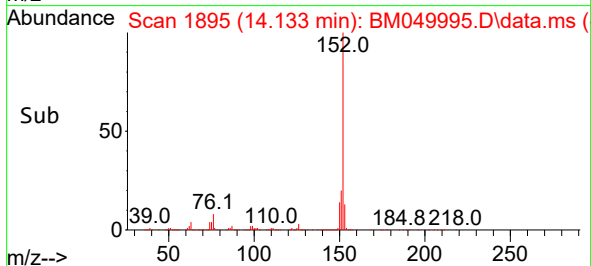
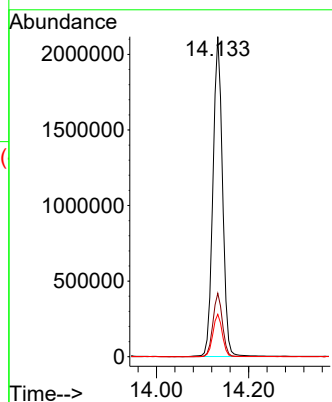
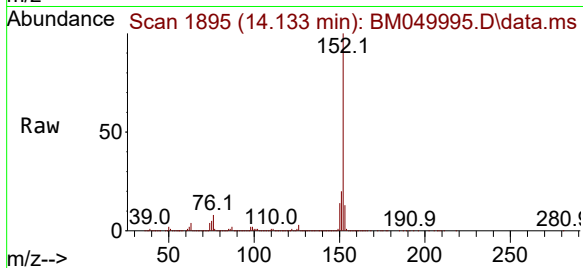
Tgt Ion:152 Resp: 3059871

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 38.192 ng

RT: 13.869 min Scan# 1850

Delta R.T. -0.012 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

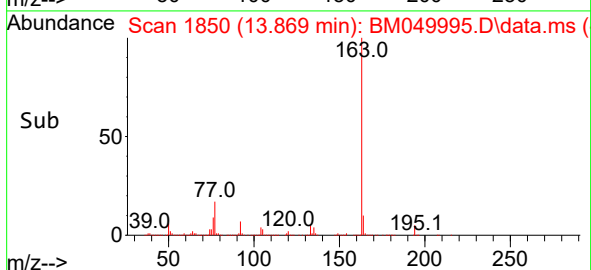
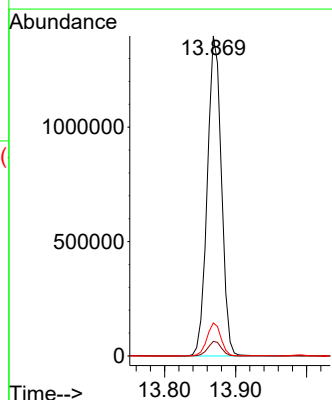
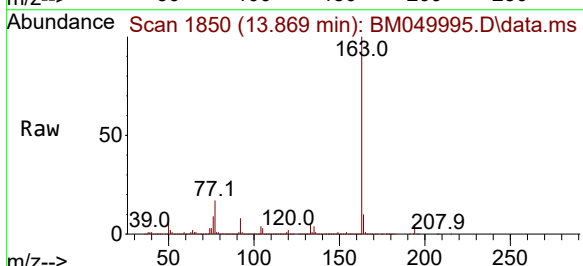
Tgt Ion:163 Resp: 1929760

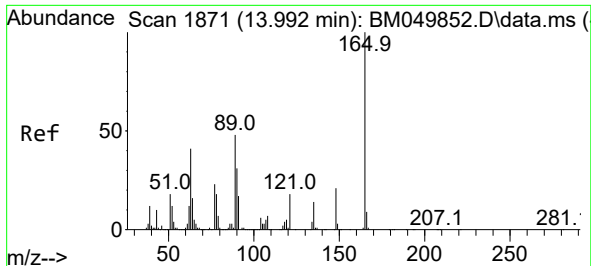
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.3 7.9 11.9

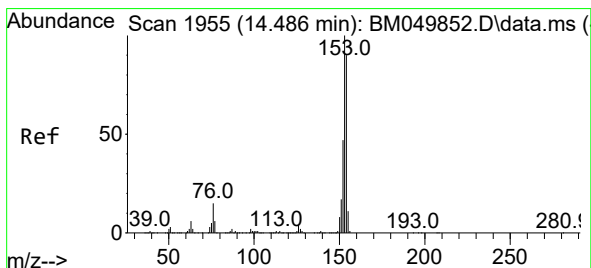
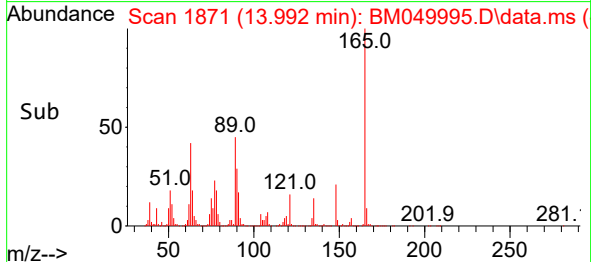
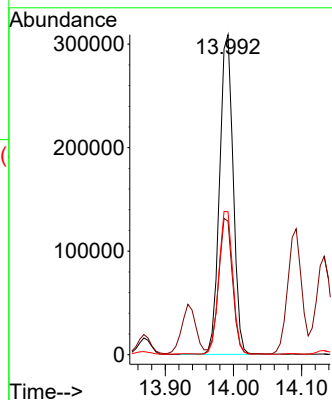
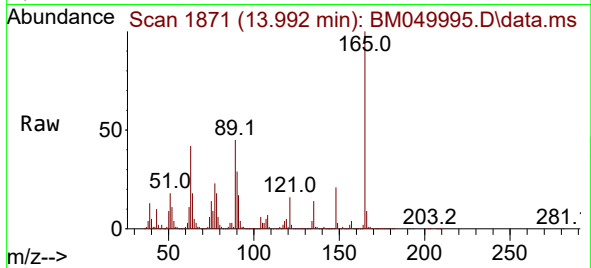




#51
2,6-Dinitrotoluene
Concen: 40.508 ng
RT: 13.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

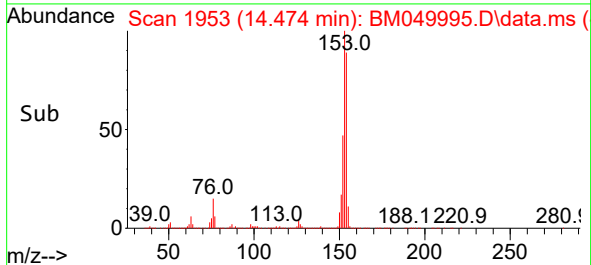
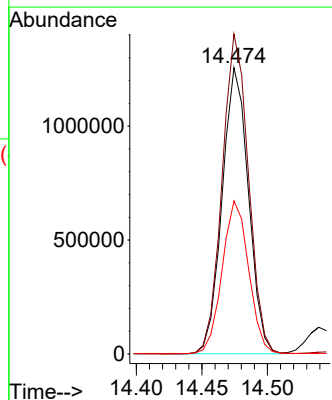
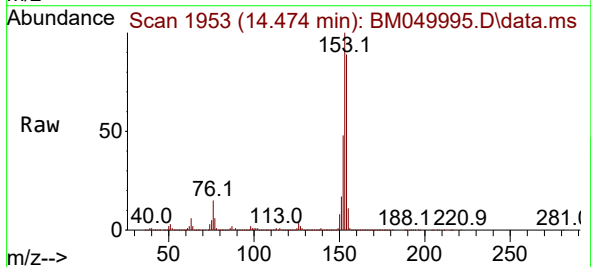
Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

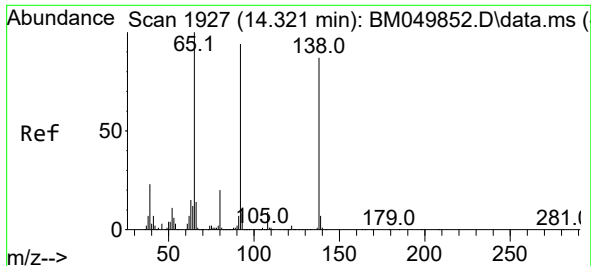
Tgt Ion:165 Resp: 428830
Ion Ratio Lower Upper
165 100
63 41.7 36.1 54.1
89 44.6 38.3 57.5



#52
Acenaphthene
Concen: 45.211 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.012 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion:154 Resp: 1752985
Ion Ratio Lower Upper
154 100
153 111.8 89.3 133.9
152 53.5 42.2 63.2

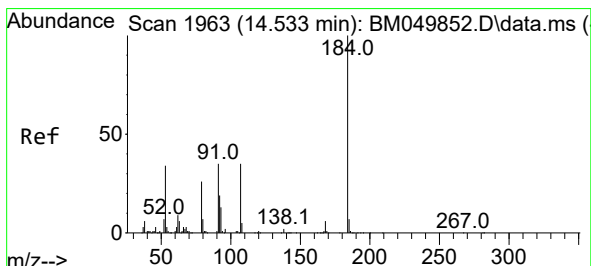
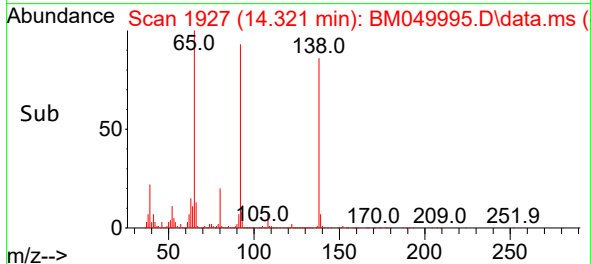
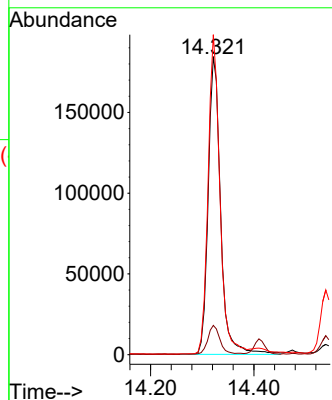
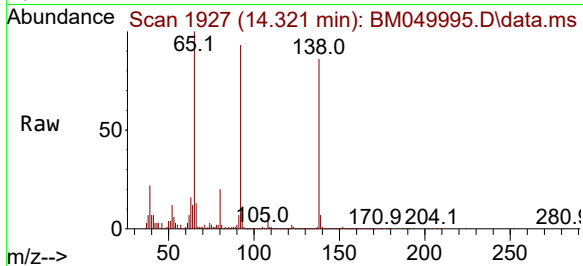




#53
3-Nitroaniline
Concen: 30.037 ng
RT: 14.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

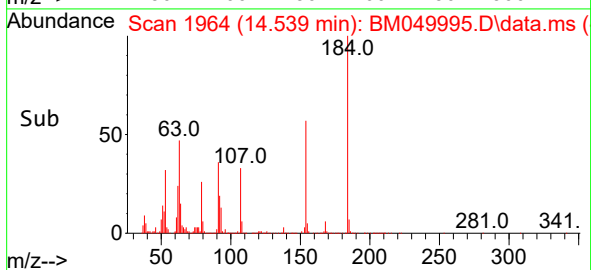
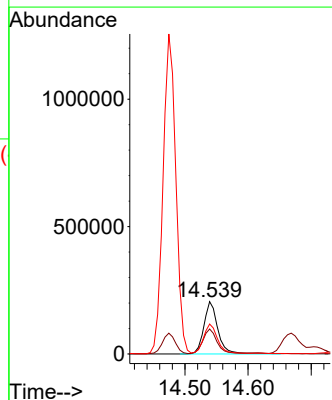
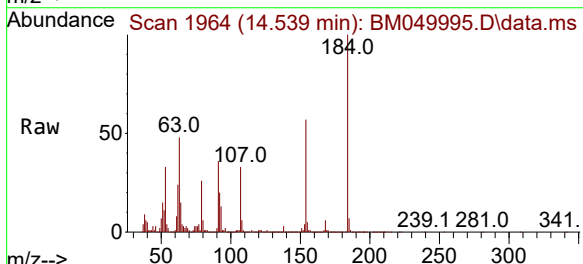
Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

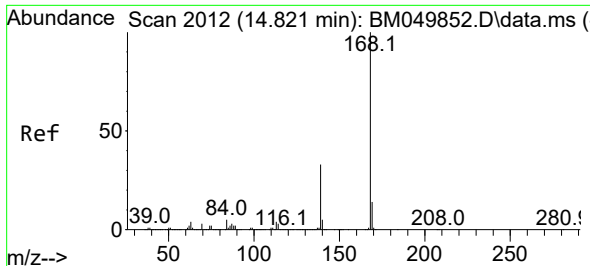
Tgt Ion:138 Resp: 307334
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 107.4 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 44.892 ng
RT: 14.539 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion:184 Resp: 317445
Ion Ratio Lower Upper
184 100
63 47.8 38.4 57.6
154 57.3 48.1 72.1

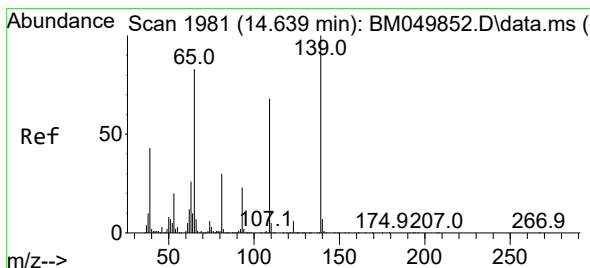
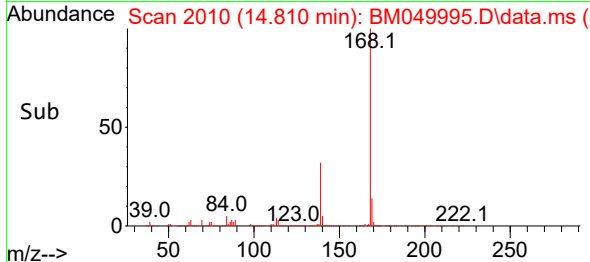
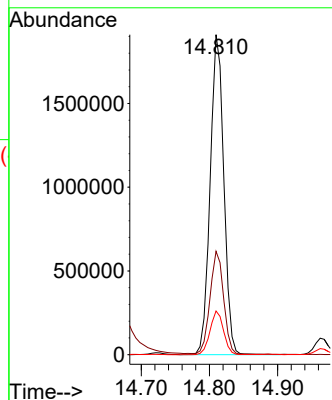
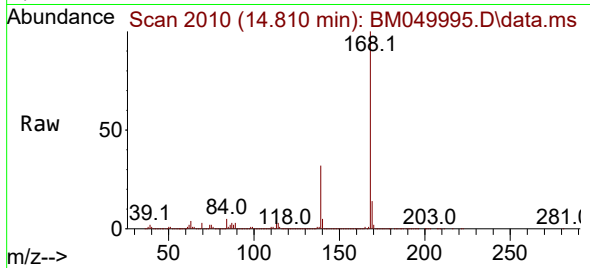




#55
Dibenzenofuran
Concen: 40.943 ng
RT: 14.810 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

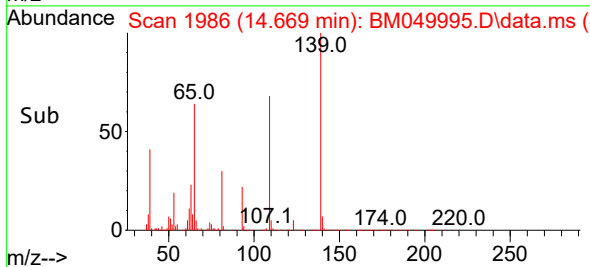
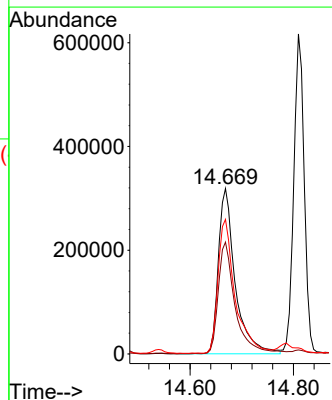
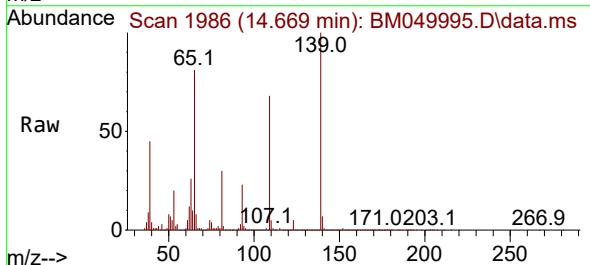
Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

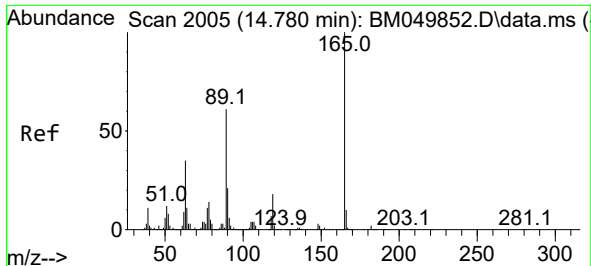
Tgt Ion:168 Resp: 2653860
Ion Ratio Lower Upper
168 100
139 32.3 26.6 39.8
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 79.319 ng
RT: 14.669 min Scan# 1986
Delta R.T. 0.029 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion:139 Resp: 723220
Ion Ratio Lower Upper
139 100
109 67.7 47.9 87.9
65 81.4 62.7 102.7





#57

2,4-Dinitrotoluene

Concen: 42.310 ng

RT: 14.786 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Instrument :

BNA_M

ClientSampleId :

ETGI-342MSD

Tgt Ion:165 Resp: 597545

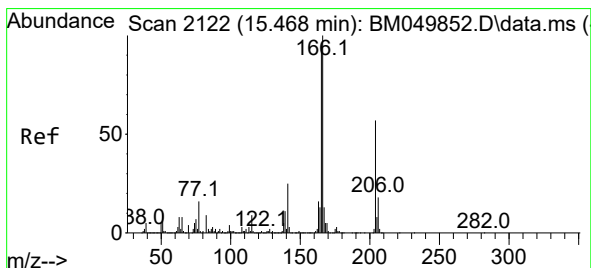
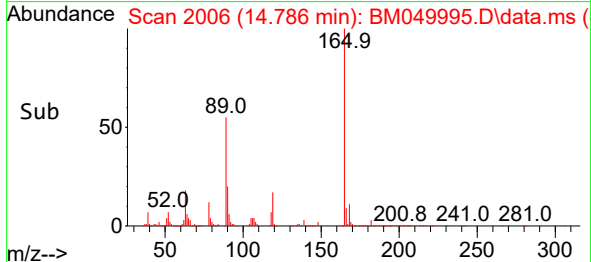
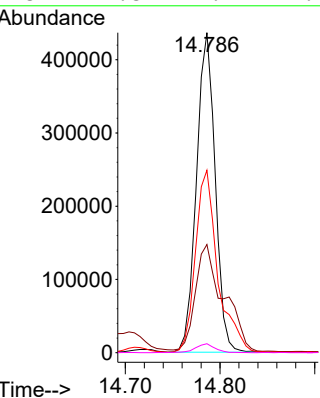
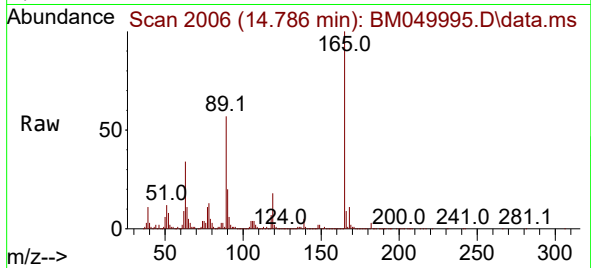
Ion Ratio Lower Upper

165 100

63 33.8 28.6 42.8

89 57.0 49.0 73.6

182 2.8 1.9 2.9



#58

Fluorene

Concen: 46.123 ng

RT: 15.463 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

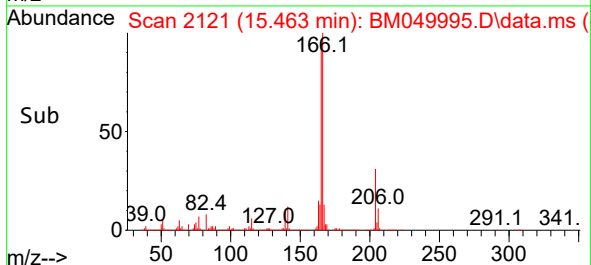
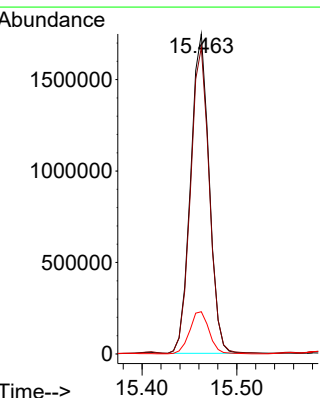
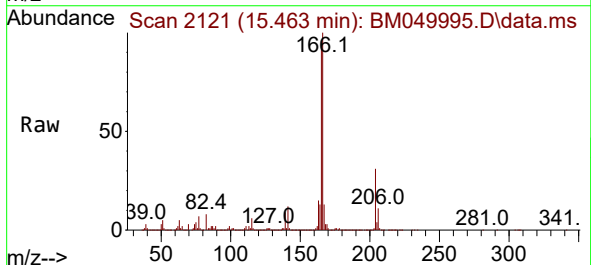
Tgt Ion:166 Resp: 2376354

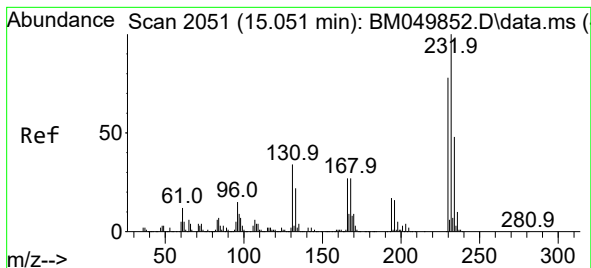
Ion Ratio Lower Upper

166 100

165 95.8 76.3 114.5

167 13.2 10.7 16.1

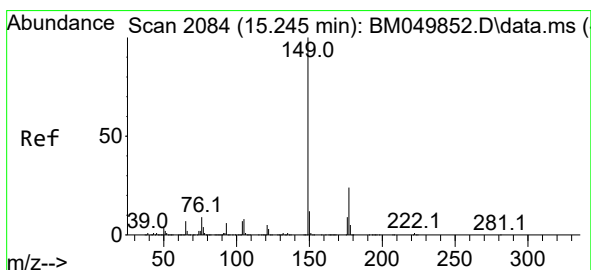
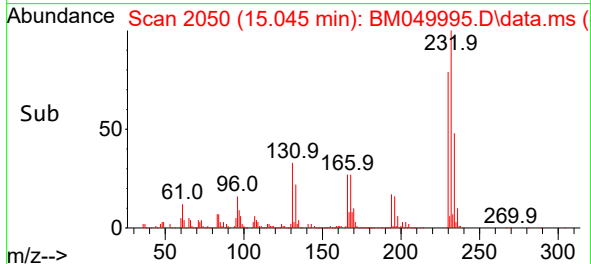
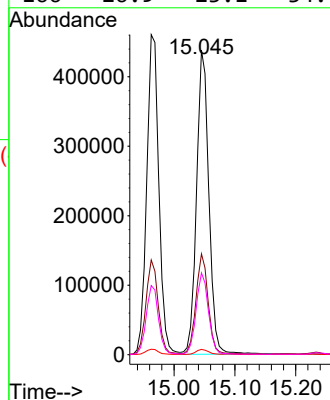
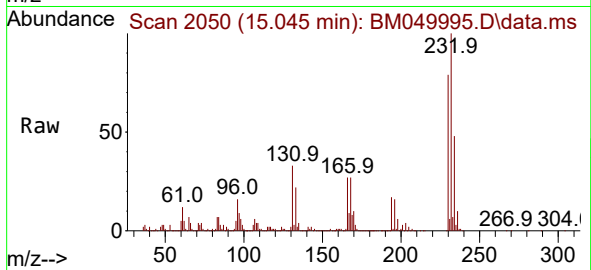




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.474 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

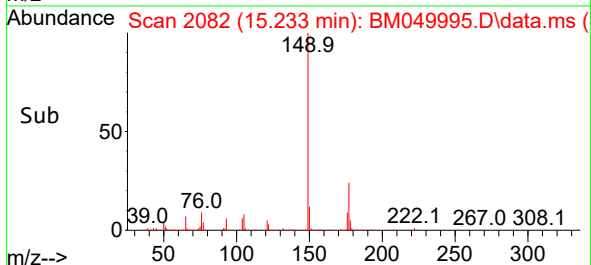
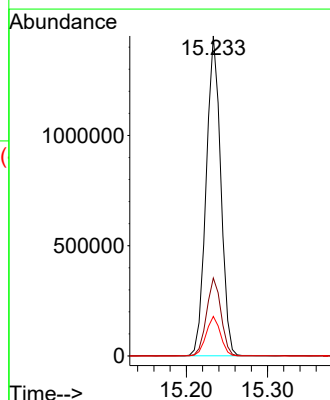
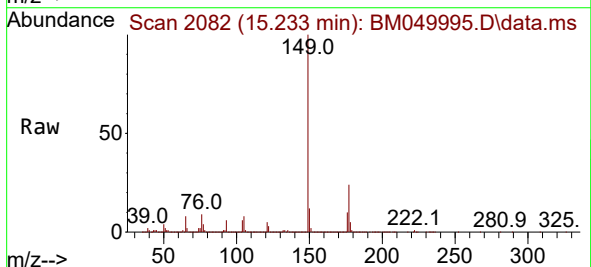
Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

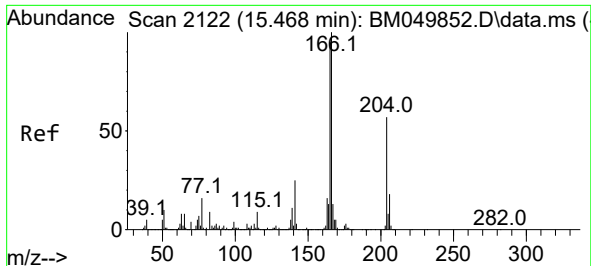
Tgt Ion:232 Resp: 614667
Ion Ratio Lower Upper
232 100
131 32.5 28.4 42.6
130 1.6 1.6 2.4
166 26.9 23.1 34.7



#60
Diethylphthalate
Concen: 37.216 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.012 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion:149 Resp: 1803345
Ion Ratio Lower Upper
149 100
177 24.3 19.0 28.4
150 12.3 9.7 14.5

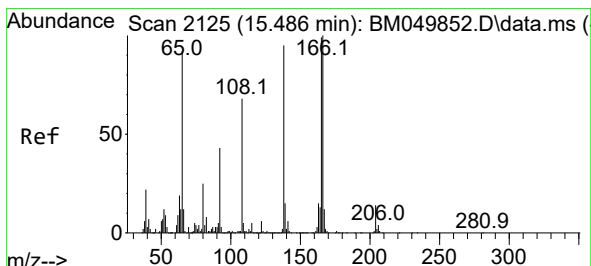
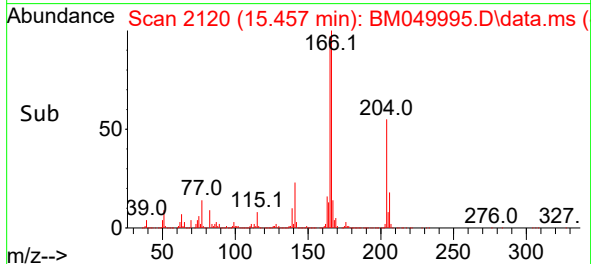
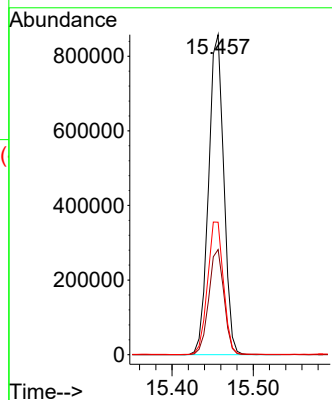
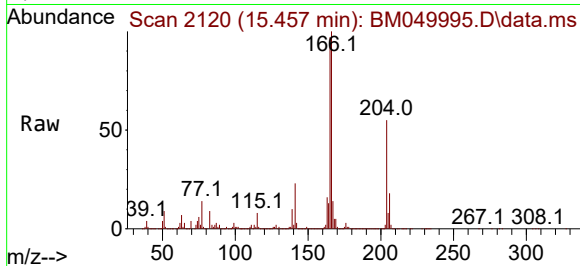




#61
4-Chlorophenyl-phenylether
Concen: 40.322 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

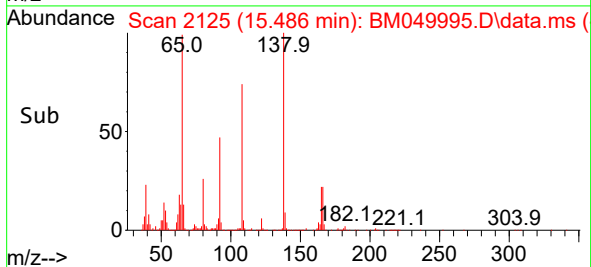
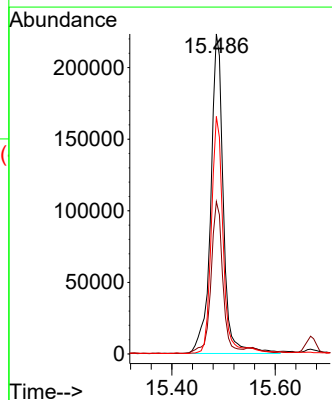
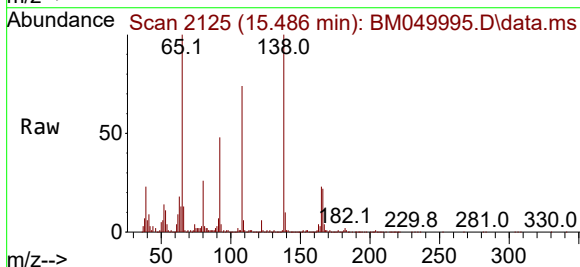
Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

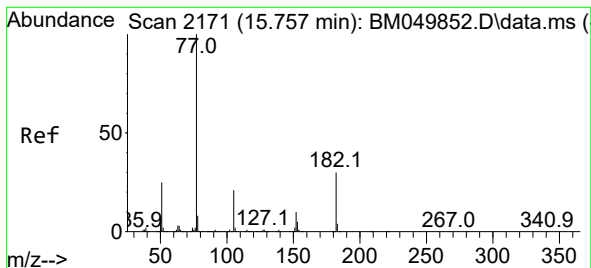
Tgt Ion:204 Resp: 1113820
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 41.4 35.0 52.6



#62
4-Nitroaniline
Concen: 35.790 ng
RT: 15.486 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion:138 Resp: 378697
Ion Ratio Lower Upper
138 100
92 47.6 24.9 64.9
108 74.2 51.7 91.7





#63

Azobenzene

Concen: 39.429 ng

RT: 15.745 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Instrument :

BNA_M

ClientSampleId :

ETGI-342MSD

Tgt Ion: 77 Resp: 1635718

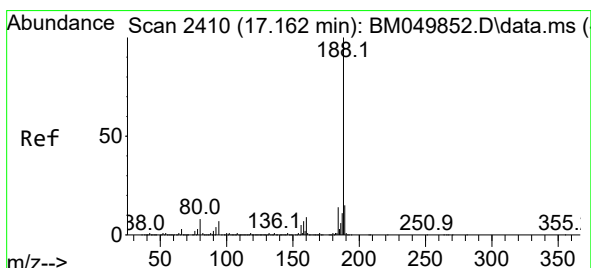
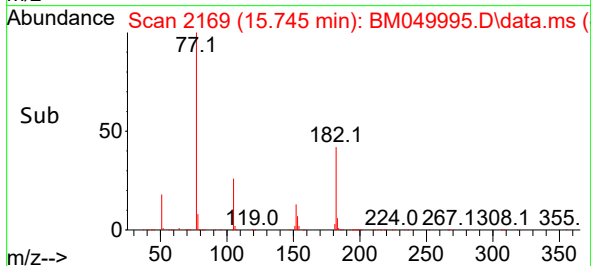
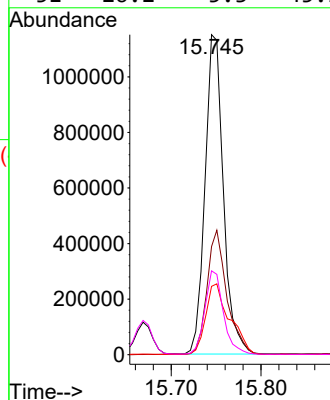
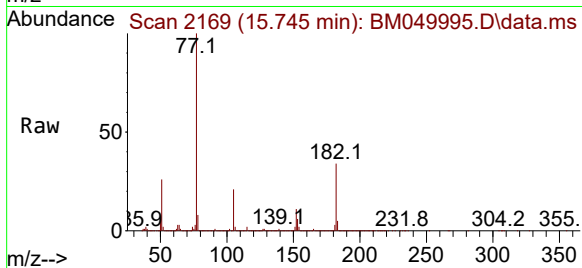
Ion Ratio Lower Upper

77 100

182 33.8 10.4 50.4

105 21.4 1.5 41.5

51 26.2 5.3 45.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

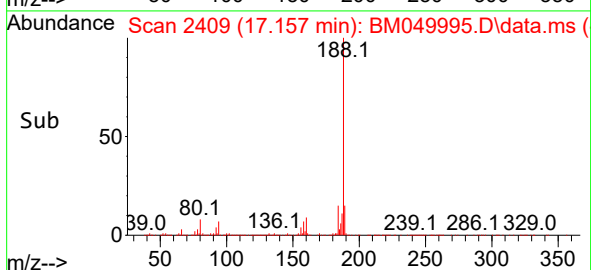
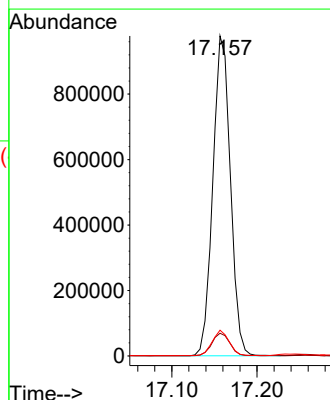
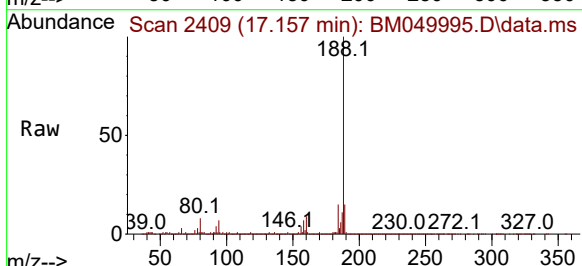
Tgt Ion:188 Resp: 1397806

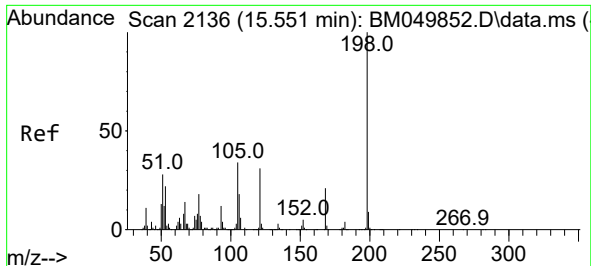
Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.6

80 8.0 6.4 9.6

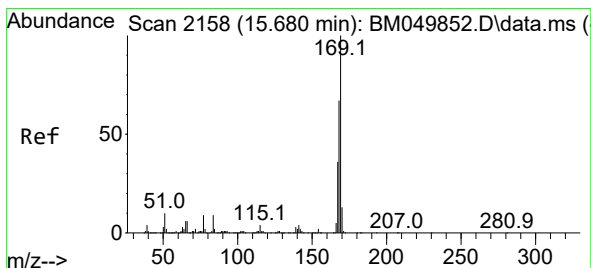
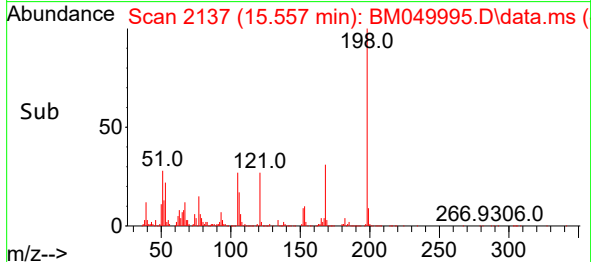
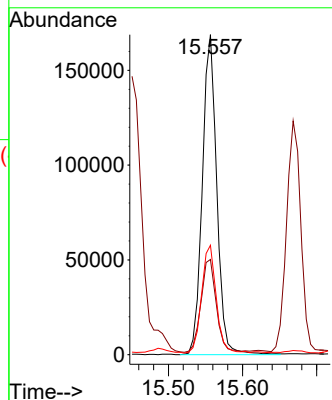
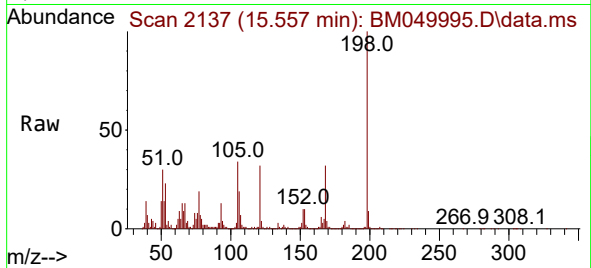




#65
4,6-Dinitro-2-methylphenol
Concen: 26.099 ng
RT: 15.557 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

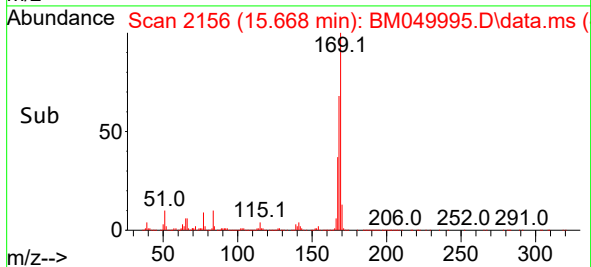
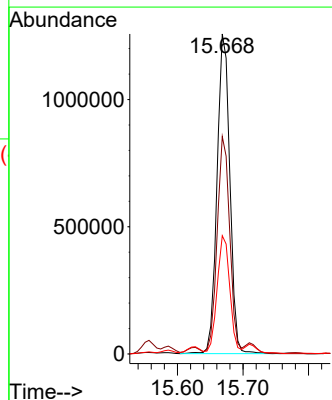
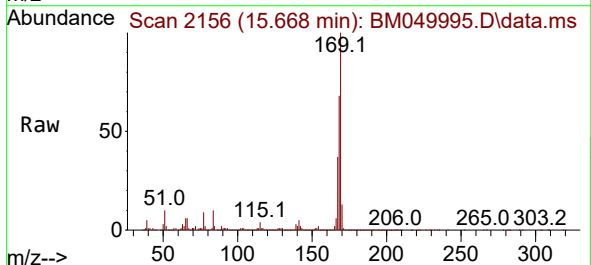
Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

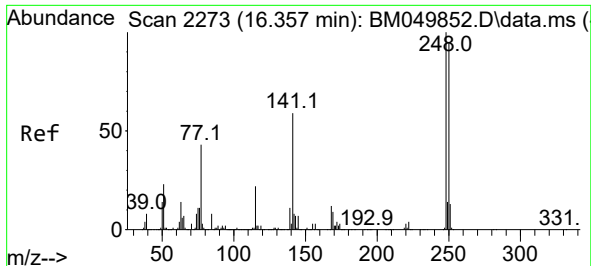
Tgt Ion:198 Resp: 229891
Ion Ratio Lower Upper
198 100
51 29.7 9.6 49.6
105 34.2 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 40.602 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion:169 Resp: 1698427
Ion Ratio Lower Upper
169 100
168 68.0 53.4 80.2
167 36.9 29.0 43.6

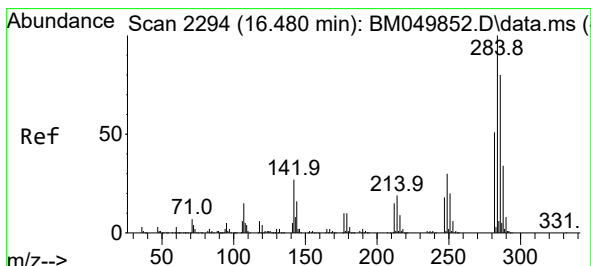
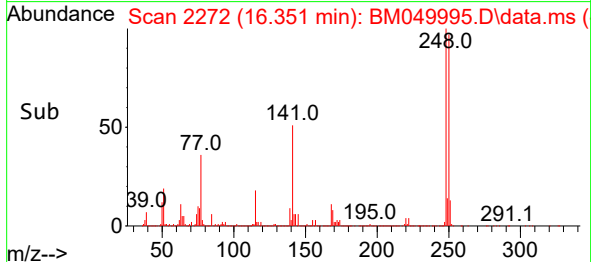
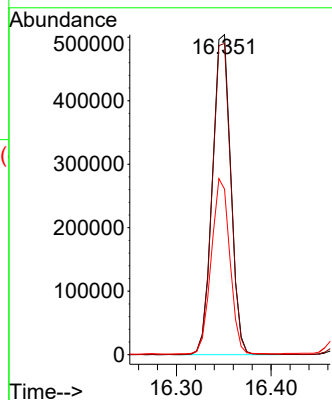
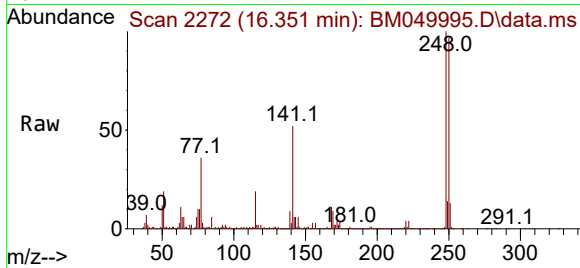




#67
4-Bromophenyl-phenylether
Concen: 42.040 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

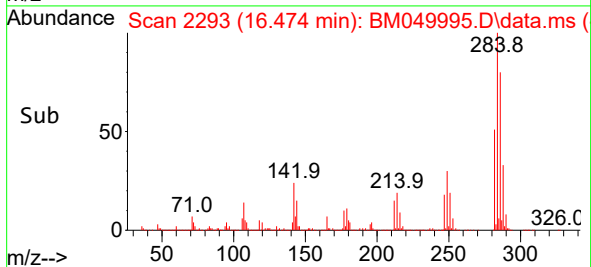
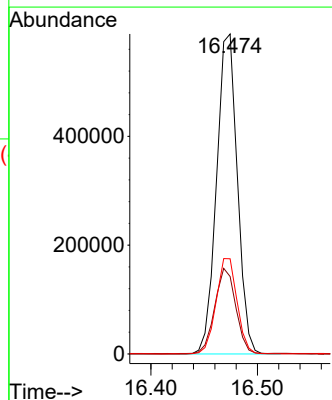
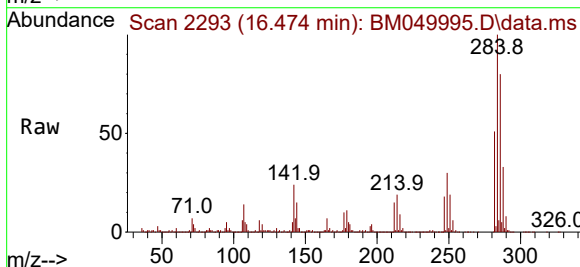
Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

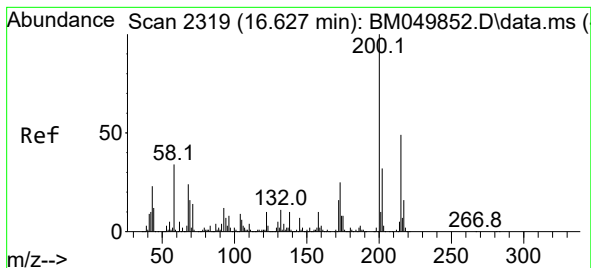
Tgt Ion:248 Resp: 682172
Ion Ratio Lower Upper
248 100
250 97.3 76.2 114.2
141 51.7 47.3 70.9



#68
Hexachlorobenzene
Concen: 42.801 ng
RT: 16.474 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion:284 Resp: 796635
Ion Ratio Lower Upper
284 100
142 24.2 21.2 31.8
249 29.7 24.1 36.1





#69

Atrazine

Concen: 55.423 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Instrument :

BNA_M

ClientSampleId :

ETGI-342MSD

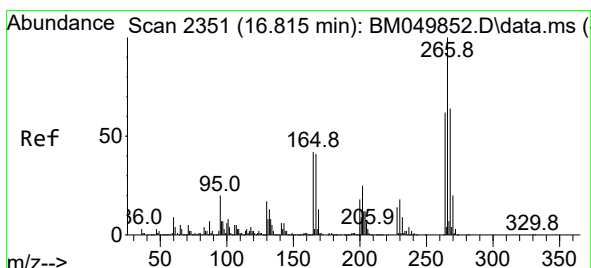
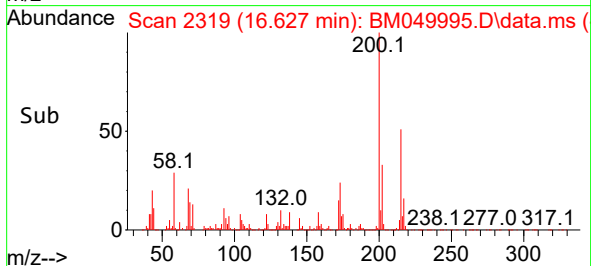
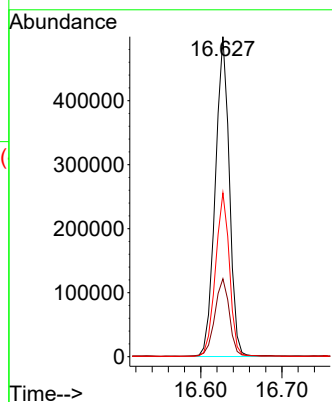
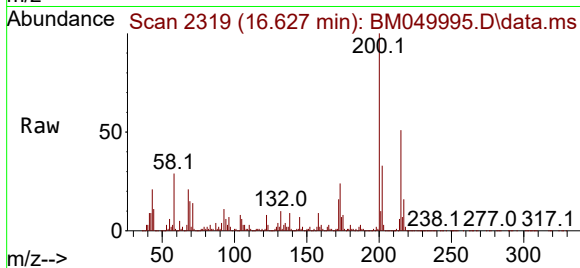
Tgt Ion:200 Resp: 601117

Ion Ratio Lower Upper

200 100

173 24.4 5.4 45.4

215 51.2 29.0 69.0



#70

Pentachlorophenol

Concen: 82.707 ng

RT: 16.821 min Scan# 2352

Delta R.T. 0.006 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

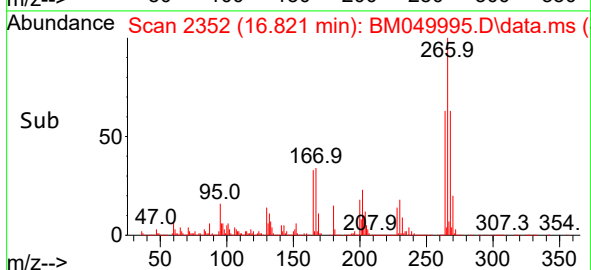
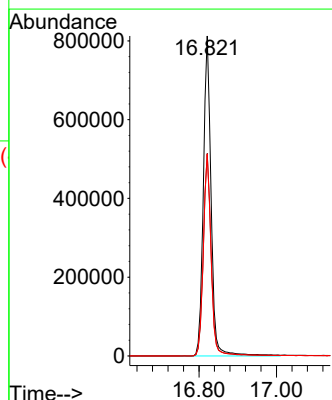
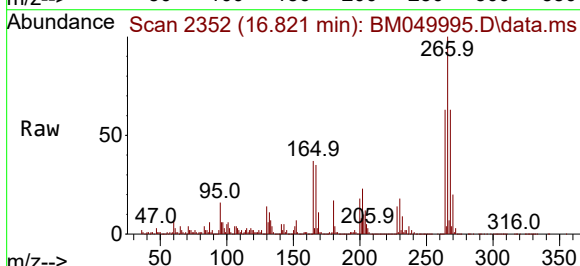
Tgt Ion:266 Resp: 1133337

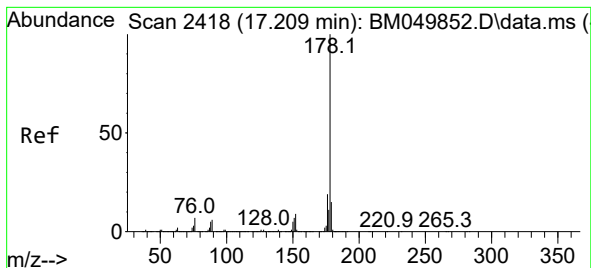
Ion Ratio Lower Upper

266 100

268 63.3 51.4 77.2

264 63.0 49.8 74.8





#71

Phenanthrene

Concen: 121.285 ng

RT: 17.204 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Instrument :

BNA_M

ClientSampleId :

ETGI-342MSD

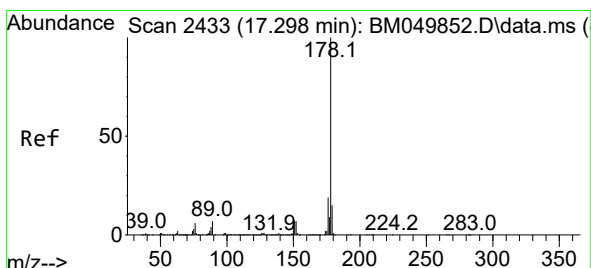
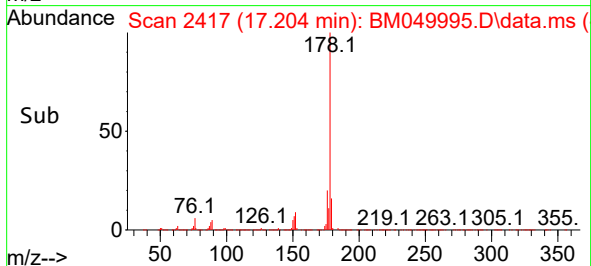
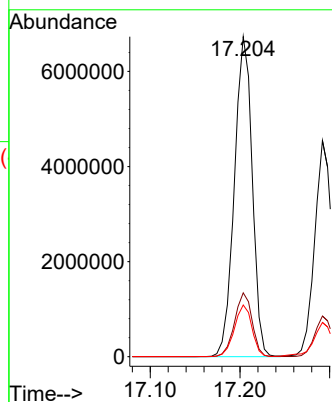
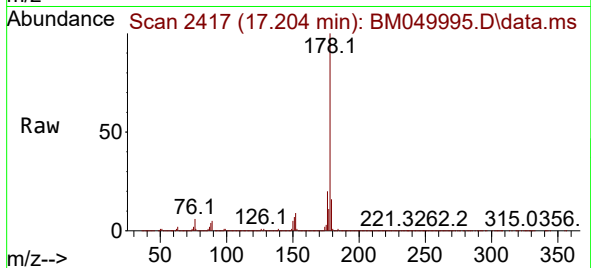
Tgt Ion:178 Resp: 9294488

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

179 16.2 12.3 18.5



#72

Anthracene

Concen: 80.599 ng

RT: 17.292 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

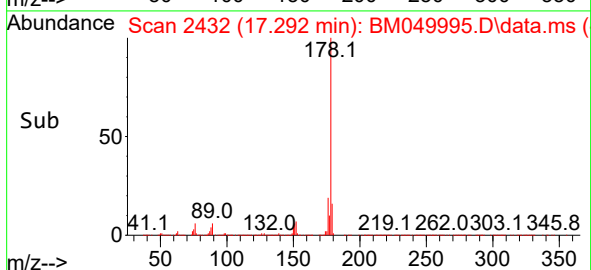
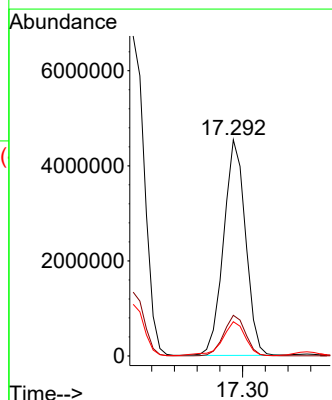
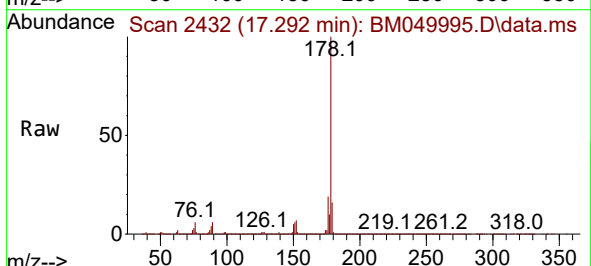
Tgt Ion:178 Resp: 6086876

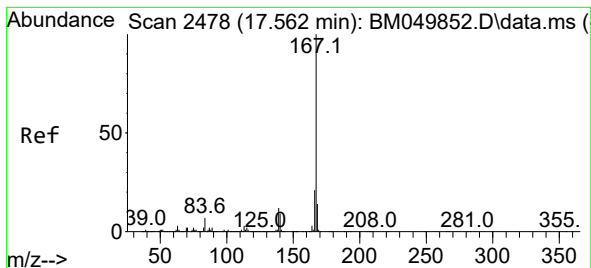
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.8 12.4 18.6





#73

Carbazole

Concen: 49.082 ng

RT: 17.562 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Instrument :

BNA_M

ClientSampleId :

ETGI-342MSD

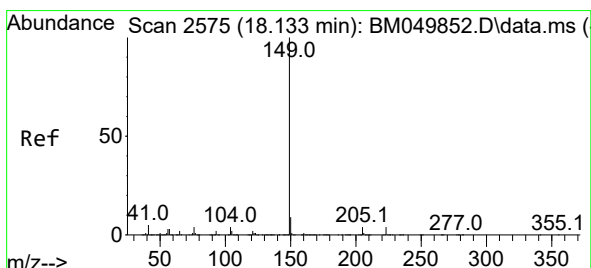
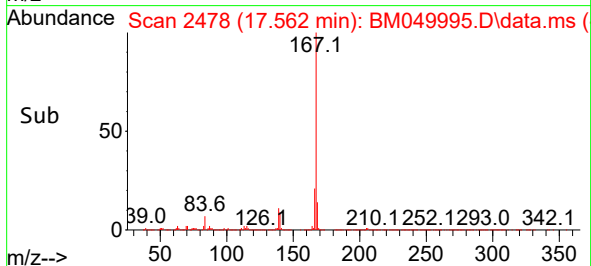
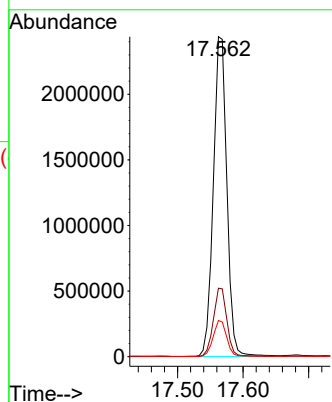
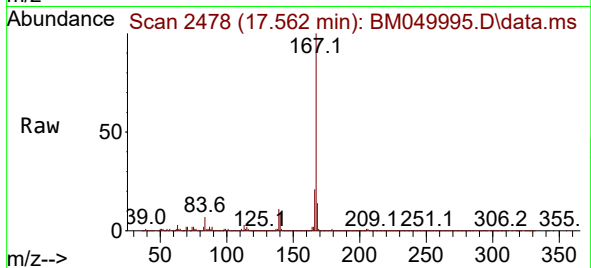
Tgt Ion:167 Resp: 3491252

Ion Ratio Lower Upper

167 100

166 21.4 16.9 25.3

139 11.3 9.3 13.9



#74

Di-n-butylphthalate

Concen: 37.420 ng

RT: 18.121 min Scan# 2573

Delta R.T. -0.012 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

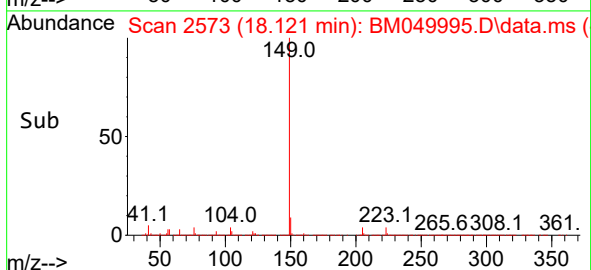
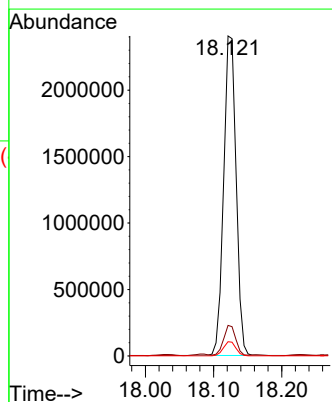
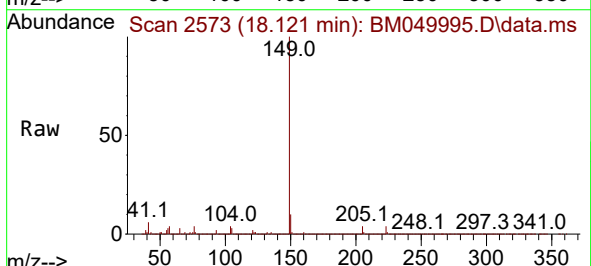
Tgt Ion:149 Resp: 3065789

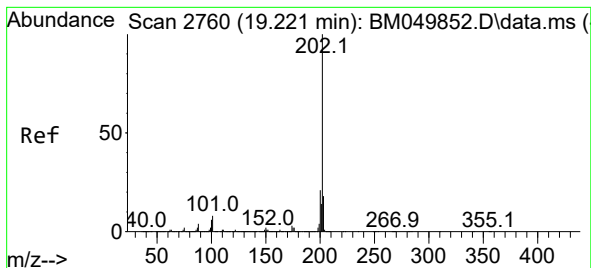
Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

104 4.5 3.5 5.3





#75

Fluoranthene

Concen: 178.350 ng

RT: 19.221 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Instrument :

BNA_M

ClientSampleId :

ETGI-342MSD

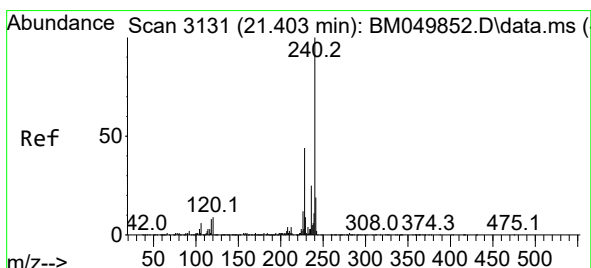
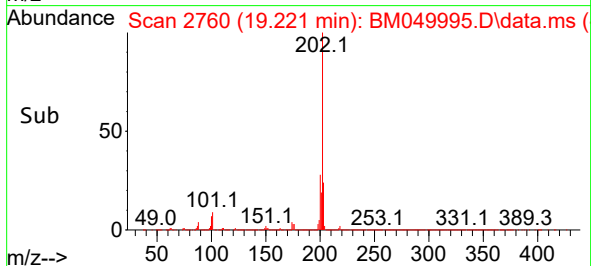
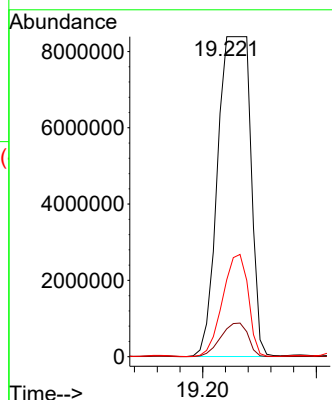
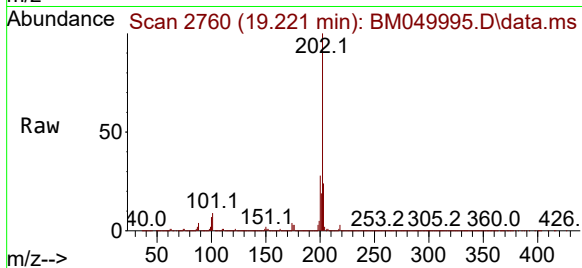
Tgt Ion:202 Resp:16804842

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.4

203 24.1 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.409 min Scan# 3132

Delta R.T. 0.006 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

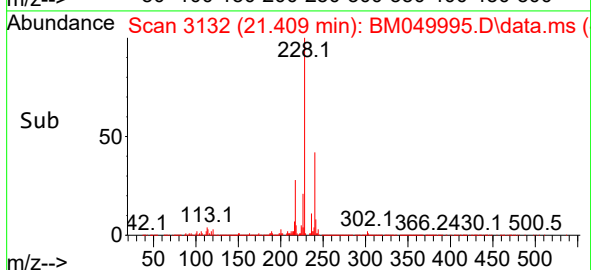
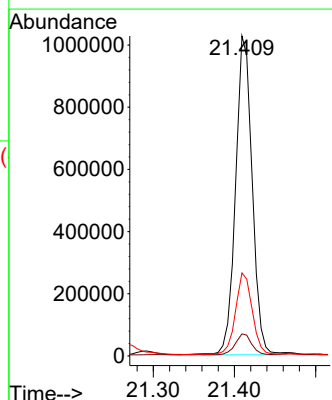
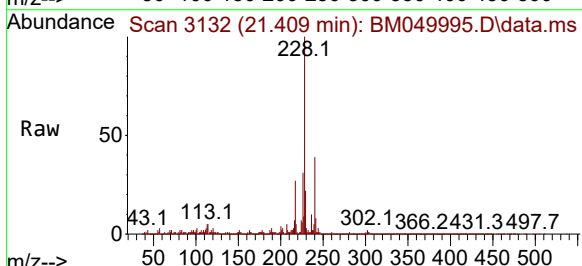
Tgt Ion:240 Resp: 1450465

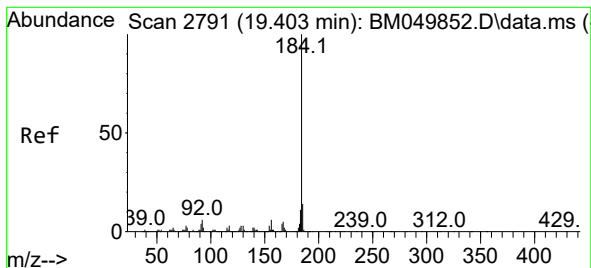
Ion Ratio Lower Upper

240 100

120 6.9 6.9 10.3

236 26.0 20.4 30.6





#77

Benzidine

Concen: 43.043 ng

RT: 19.409 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Instrument :

BNA_M

ClientSampleId :

ETGI-342MSD

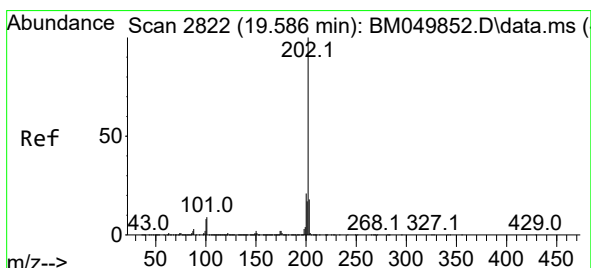
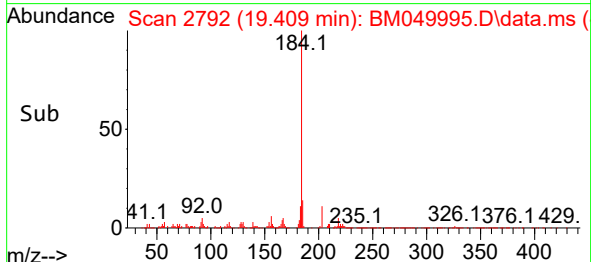
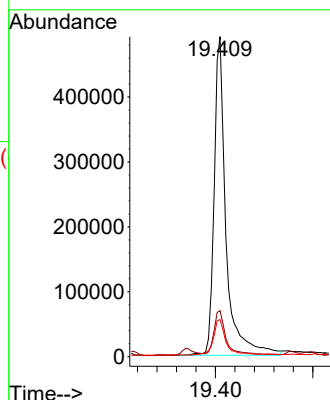
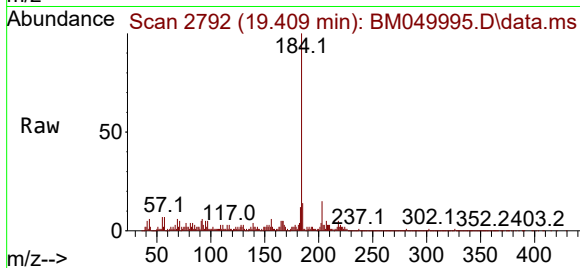
Tgt Ion:184 Resp: 828256

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.2

183 11.6 8.8 13.2



#78

Pyrene

Concen: 165.629 ng

RT: 19.586 min Scan# 2822

Delta R.T. 0.000 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

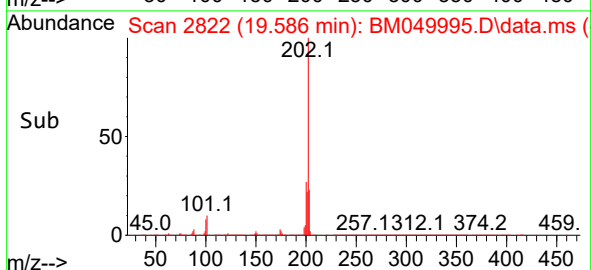
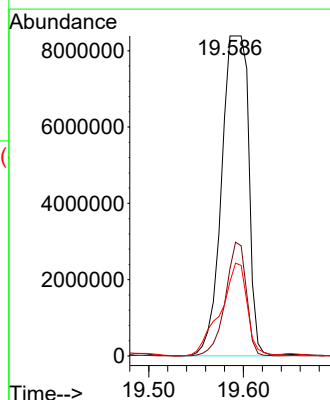
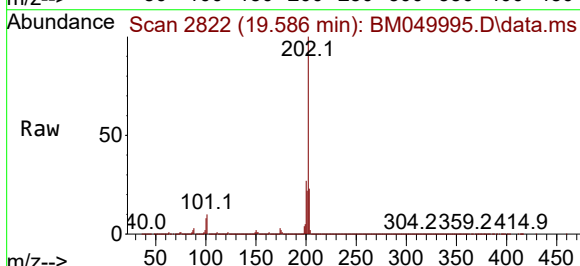
Tgt Ion:202 Resp:16556829

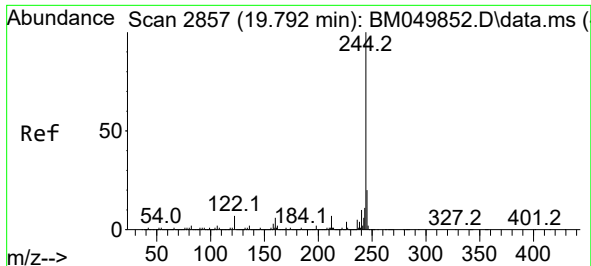
Ion Ratio Lower Upper

202 100

200 27.2 16.5 24.7#

203 23.2 14.0 21.0#

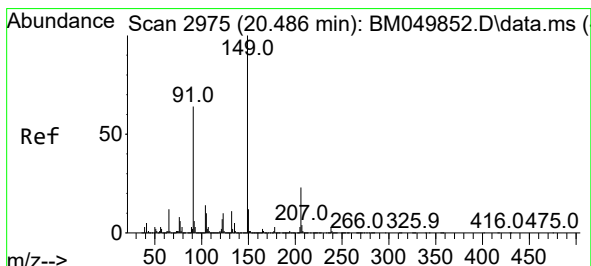
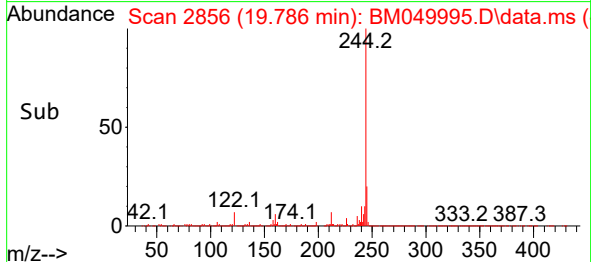
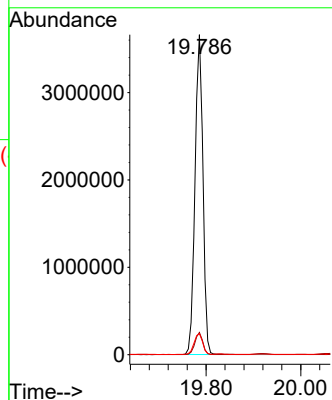
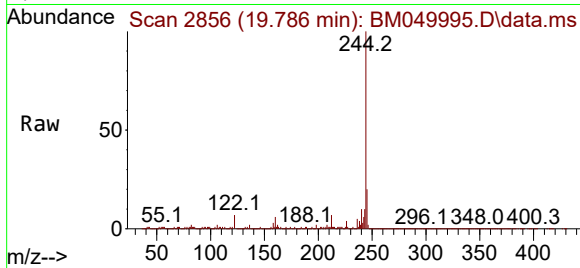




#79
 Terphenyl-d14
 Concen: 54.712 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049995.D
 Acq: 22 Apr 2025 14:30

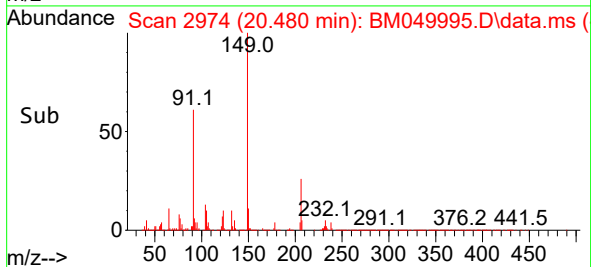
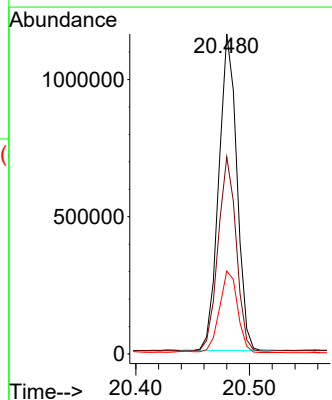
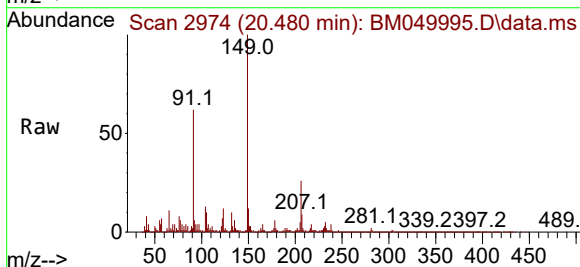
Instrument :
 BNA_M
 ClientSampleId :
 ETGI-342MSD

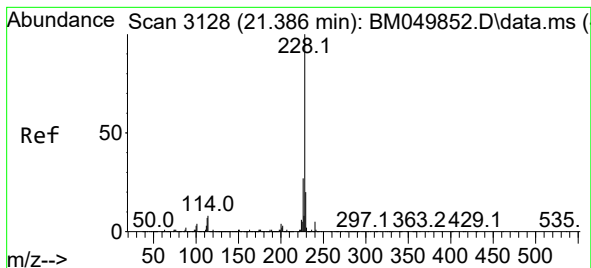
Tgt Ion:244 Resp: 4234595
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 6.6 5.4 8.0



#80
 Butylbenzylphthalate
 Concen: 33.949 ng
 RT: 20.480 min Scan# 2974
 Delta R.T. -0.006 min
 Lab File: BM049995.D
 Acq: 22 Apr 2025 14:30

Tgt Ion:149 Resp: 1275184
 Ion Ratio Lower Upper
 149 100
 91 61.6 50.9 76.3
 206 25.9 18.4 27.6





#81

Benzo(a)anthracene

Concen: 135.355 ng

RT: 21.397 min Scan# 3110

Delta R.T. 0.012 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Instrument :

BNA_M

ClientSampleId :

ETGI-342MSD

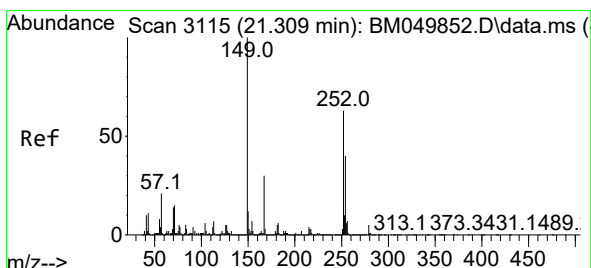
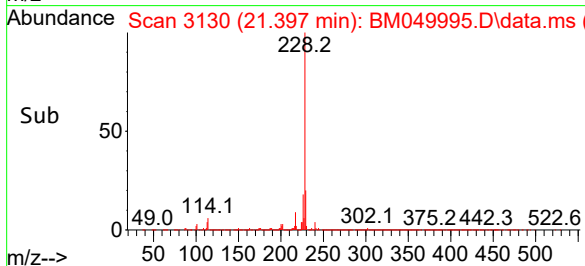
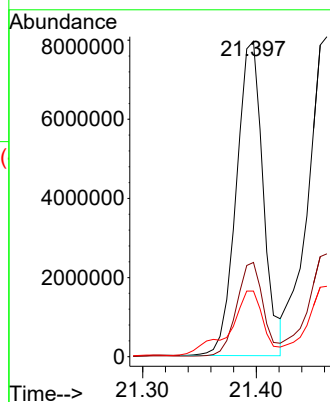
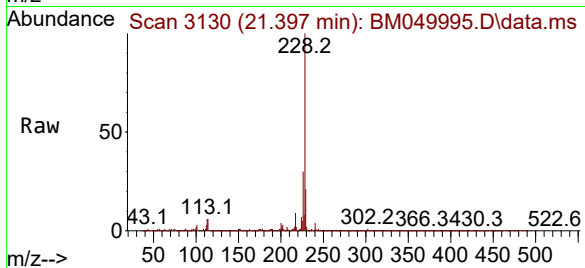
Tgt Ion:228 Resp:13047843

Ion Ratio Lower Upper

228 100

226 29.9 21.8 32.8

229 20.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 20.787 ng

RT: 21.309 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

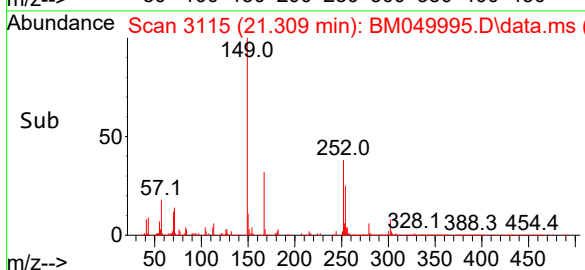
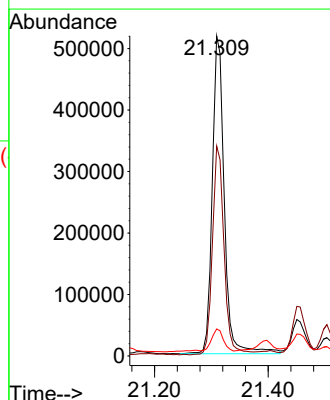
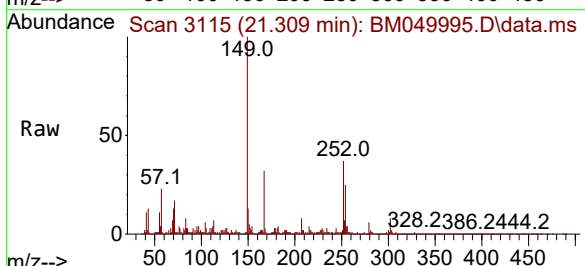
Tgt Ion:252 Resp: 756732

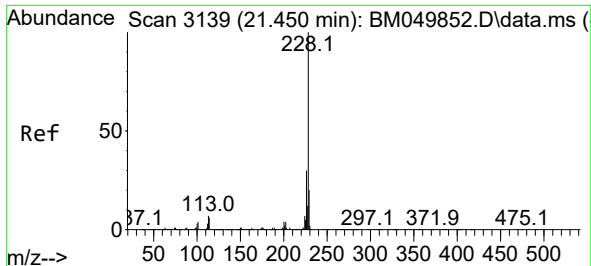
Ion Ratio Lower Upper

252 100

254 65.6 51.5 77.3

126 8.4 6.3 9.5

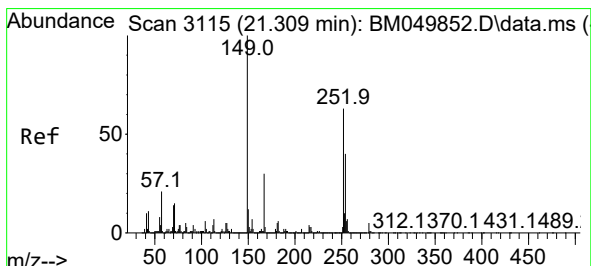
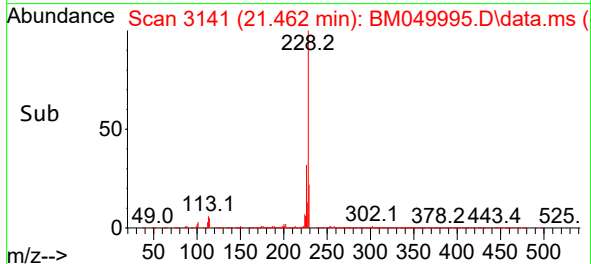
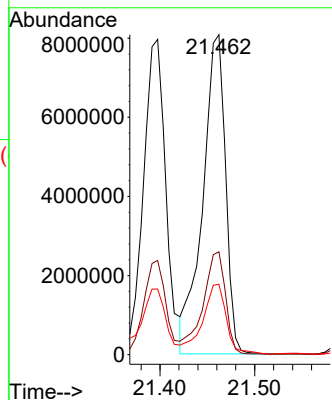
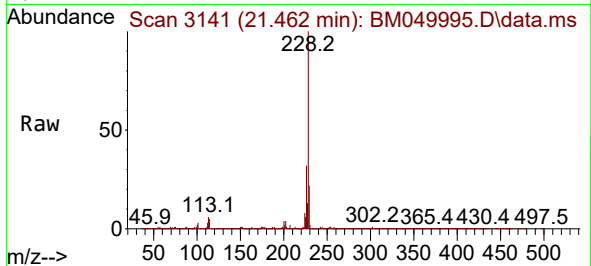




#83
Chrysene
Concen: 147.412 ng
RT: 21.462 min Scan# 3114
Delta R.T. 0.012 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

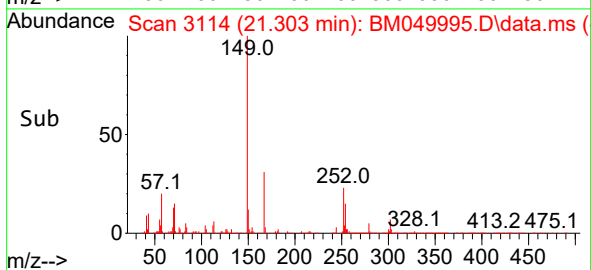
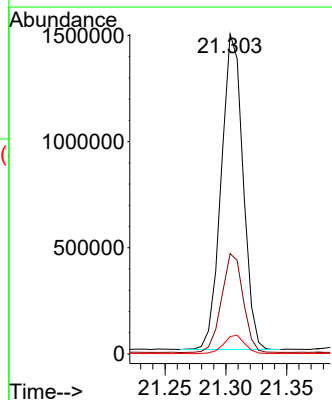
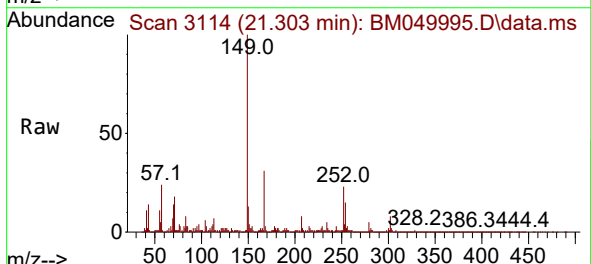
Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

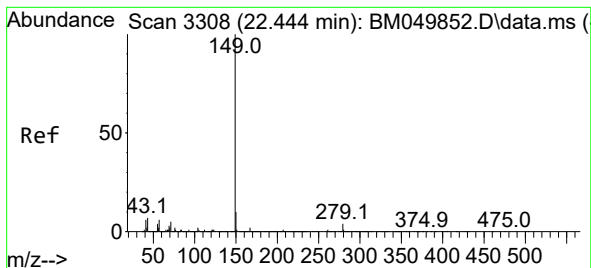
Tgt Ion:228 Resp:13509665
Ion Ratio Lower Upper
228 100
226 32.1 24.1 36.1
229 22.0 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 33.764 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049995.D
Acq: 22 Apr 2025 14:30

Tgt Ion:149 Resp: 1847756
Ion Ratio Lower Upper
149 100
167 31.3 23.8 35.6
279 5.5 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 33.058 ng

RT: 22.439 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Instrument :

BNA_M

ClientSampleId :

ETGI-342MSD

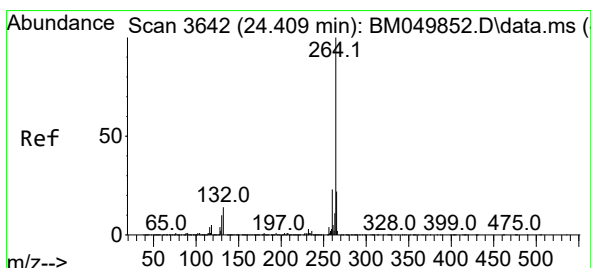
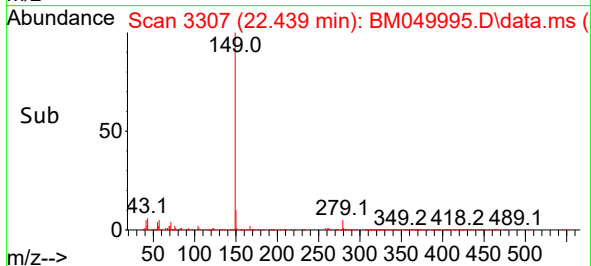
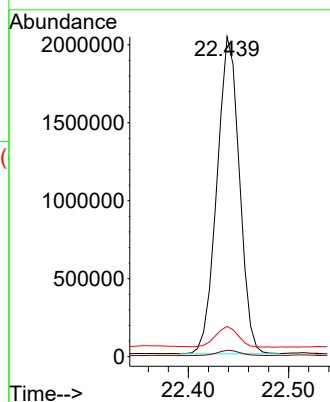
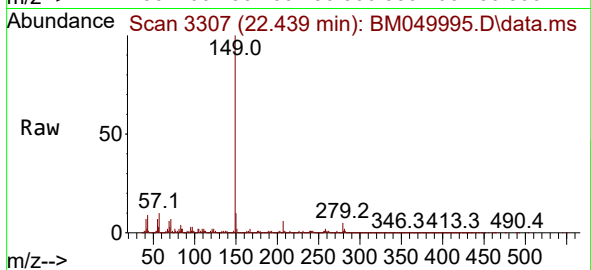
Tgt Ion:149 Resp: 3164959

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 6.6 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.421 min Scan# 3644

Delta R.T. 0.012 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

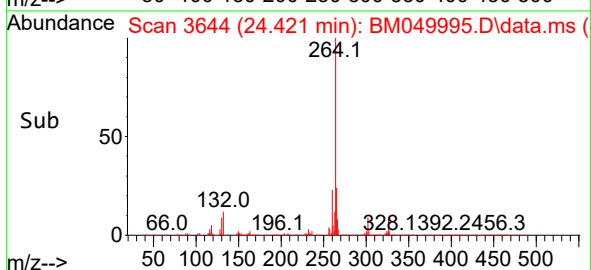
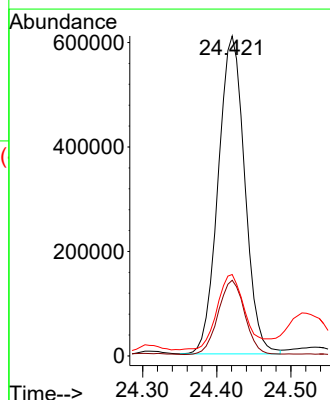
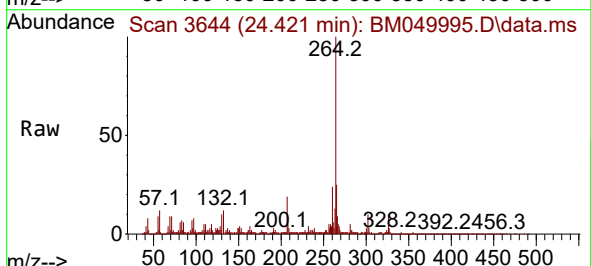
Tgt Ion:264 Resp: 1514409

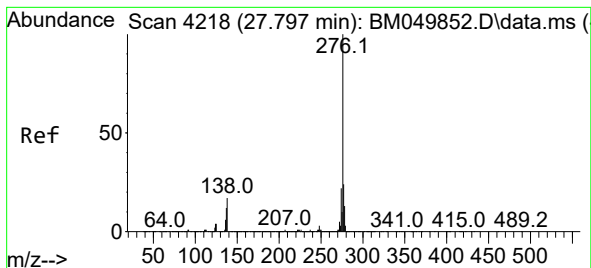
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 25.5 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 75.876 ng

RT: 27.850 min Scan# 41

Delta R.T. 0.053 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Instrument :

BNA_M

ClientSampleId :

ETGI-342MSD

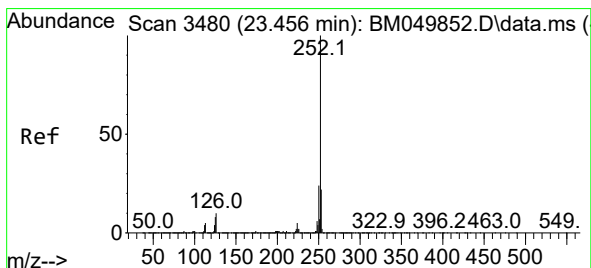
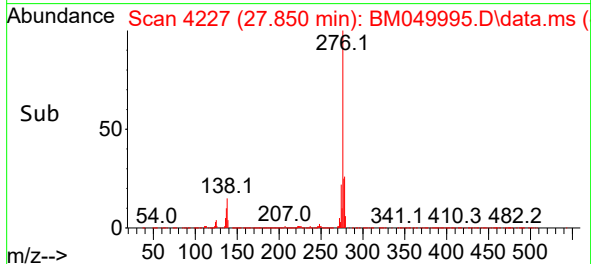
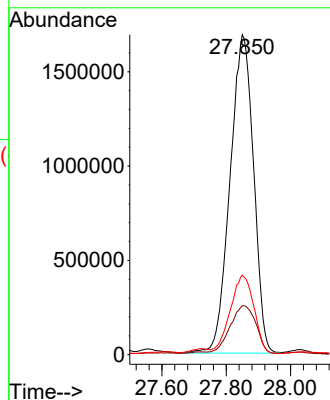
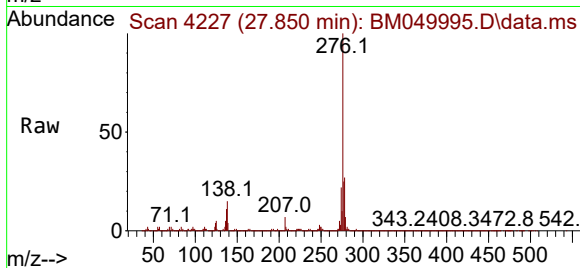
Tgt Ion:276 Resp: 8565298

Ion Ratio Lower Upper

276 100

138 16.6 16.8 25.2#

277 24.8 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 165.075 ng

RT: 23.491 min Scan# 3486

Delta R.T. 0.035 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

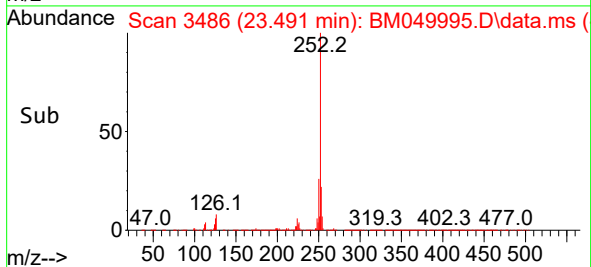
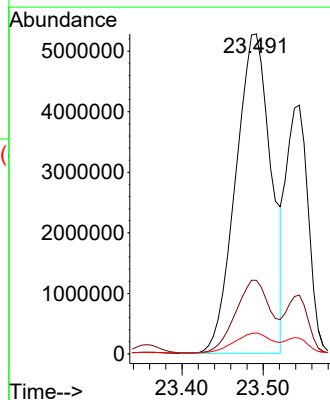
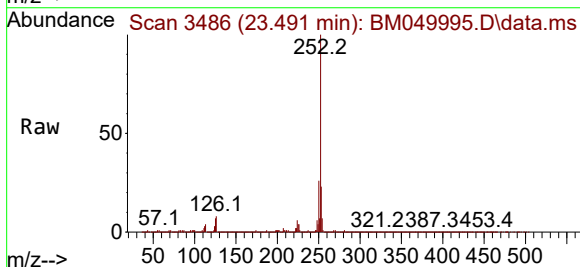
Tgt Ion:252 Resp:15966021

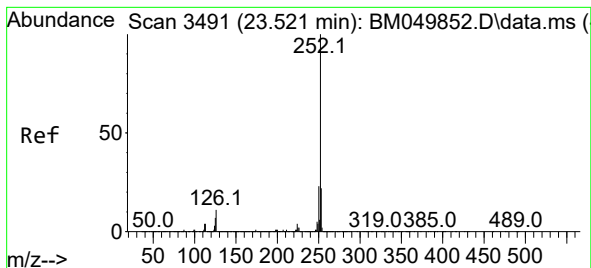
Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 6.6 6.2 9.4





#89

Benzo(k)fluoranthene

Concen: 82.133 ng

RT: 23.544 min Scan# 34

Delta R.T. 0.024 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Instrument :

BNA_M

ClientSampleId :

ETGI-342MSD

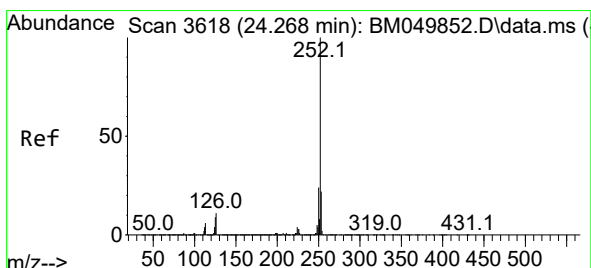
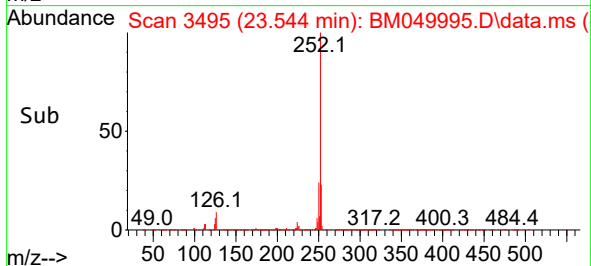
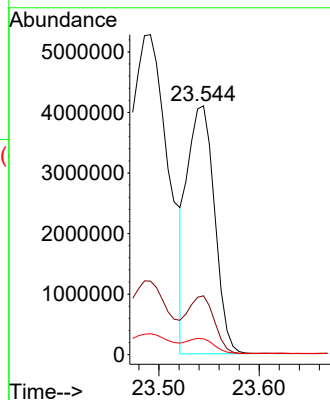
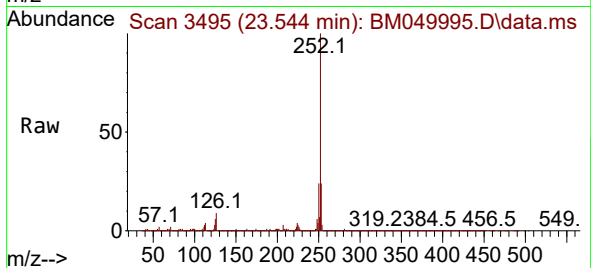
Tgt Ion:252 Resp: 7698208

Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.2

125 6.4 5.8 8.8



#90

Benzo(a)pyrene

Concen: 118.877 ng m

RT: 24.297 min Scan# 3623

Delta R.T. 0.029 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

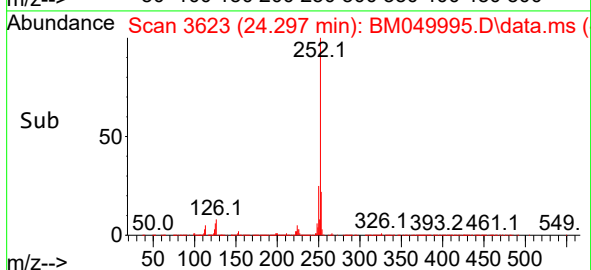
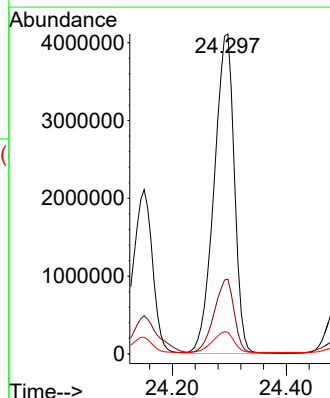
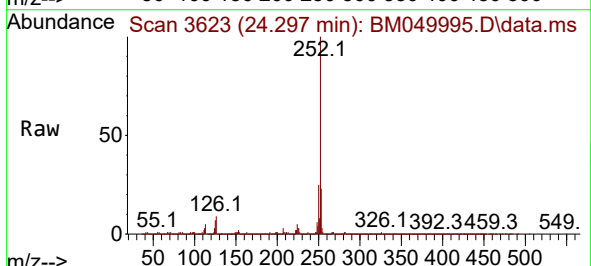
Tgt Ion:252 Resp:10103464

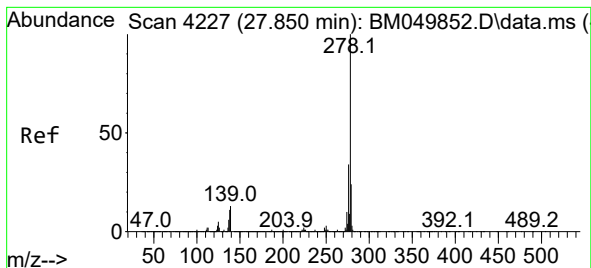
Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

125 6.8 7.0 10.4#





#91

Dibenzo(a,h)anthracene

Concen: 51.583 ng

RT: 27.891 min Scan# 41

Delta R.T. 0.041 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Instrument :

BNA_M

ClientSampleId :

ETGI-342MSD

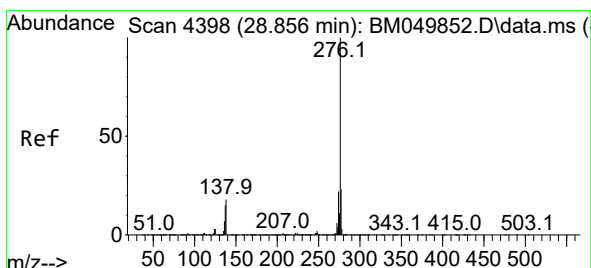
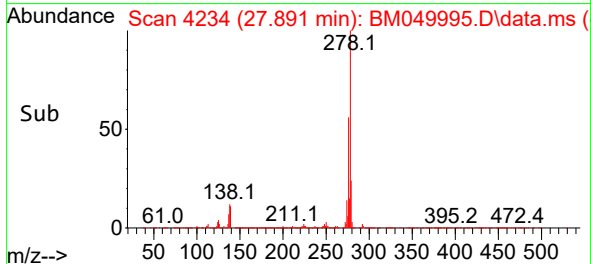
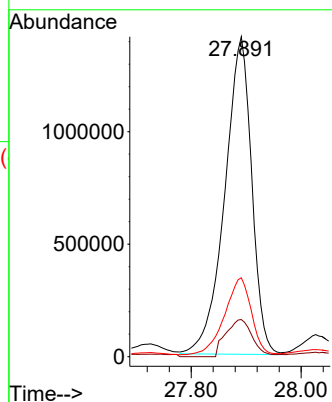
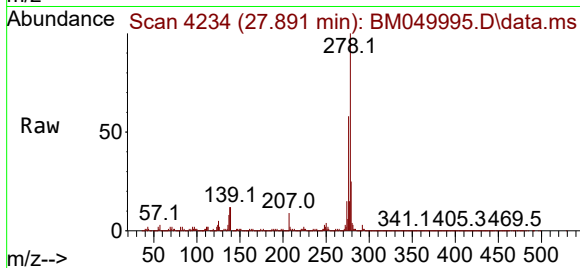
Tgt Ion:278 Resp: 4796372

Ion Ratio Lower Upper

278 100

139 11.6 10.6 15.8

279 24.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 71.732 ng

RT: 28.909 min Scan# 4407

Delta R.T. 0.053 min

Lab File: BM049995.D

Acq: 22 Apr 2025 14:30

Tgt Ion:276 Resp: 6815684

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 16.0 14.6 21.8

