

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082123\
 Data File : BM041446.D
 Acq On : 21 Aug 2023 13:50
 Operator : MA/JU
 Sample : 04080-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-340MSD

Quant Time: Aug 22 03:36:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 03:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	157896	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	663056	20.000	ng	0.00
39) Acenaphthene-d10	14.421	164	445311	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	999121	20.000	ng	0.00
76) Chrysene-d12	21.386	240	966597	20.000	ng	0.00
86) Perylene-d12	23.727	264	1085302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1068182	112.542	ng	0.00
7) Phenol-d6	6.957	99	1304516	101.218	ng	0.00
23) Nitrobenzene-d5	8.939	82	987435	71.089	ng	0.00
42) 2,4,6-Tribromophenol	15.927	330	766258	108.430	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	2371880	71.374	ng	0.00
79) Terphenyl-d14	19.815	244	4065213	73.186	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	125406	31.099	ng	# 42
3) Pyridine	3.663	79	285683	26.815	ng	97
4) n-Nitrosodimethylamine	3.569	42	174234	35.469	ng	99
6) Aniline	7.104	93	210879	13.760	ng	99
8) 2-Chlorophenol	7.334	128	408407	41.648	ng	98
9) Benzaldehyde	6.916	77	130603	18.354	ng	100
10) Phenol	6.987	94	463027	37.185	ng	99
11) bis(2-Chloroethyl)ether	7.198	93	383996	38.548	ng	99
12) 1,3-Dichlorobenzene	7.645	146	421593	38.682	ng	99
13) 1,4-Dichlorobenzene	7.793	146	436184	39.584	ng	100
14) 1,2-Dichlorobenzene	8.110	146	422174	39.692	ng	100
15) Benzyl Alcohol	8.022	79	406187	44.394	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.298	45	444807	37.216	ng	96
17) 2-Methylphenol	8.234	107	346896	38.971	ng	99
18) Hexachloroethane	8.822	117	161080	38.495	ng	98
19) n-Nitroso-di-n-propyla...	8.581	70	346903	39.235	ng	99
20) 3+4-Methylphenols	8.563	107	469280	38.385	ng	98
22) Acetophenone	8.598	105	646436	37.832	ng	99
24) Nitrobenzene	8.981	77	505982	36.481	ng	100
25) Isophorone	9.504	82	950551	37.388	ng	99
26) 2-Nitrophenol	9.687	139	233734	38.597	ng	98
27) 2,4-Dimethylphenol	9.757	122	366402	37.576	ng	98
28) bis(2-Chloroethoxy)met...	9.986	93	545317	36.850	ng	99
29) 2,4-Dichlorophenol	10.234	162	434987	40.720	ng	98
30) 1,2,4-Trichlorobenzene	10.422	180	459988	38.781	ng	99
31) Naphthalene	10.610	128	1265076	36.696	ng	100
32) Benzoic acid	9.939	122	157840	20.154	ng	99
33) 4-Chloroaniline	10.763	127	69525	4.777	ng	98
34) Hexachlorobutadiene	10.875	225	294558	37.551	ng	97
35) Caprolactam	11.575	113	62321	18.819	ng	97
36) 4-Chloro-3-methylphenol	11.892	107	441668	38.849	ng	98
37) 2-Methylnaphthalene	12.227	142	907860	36.192	ng	99
38) 1-Methylnaphthalene	12.451	142	873813	36.871	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	554460	38.163	ng	98
41) Hexachlorocyclopentadiene	12.563	237	579834	73.882	ng	99
43) 2,4,6-Trichlorophenol	12.857	196	381259	39.211	ng	99

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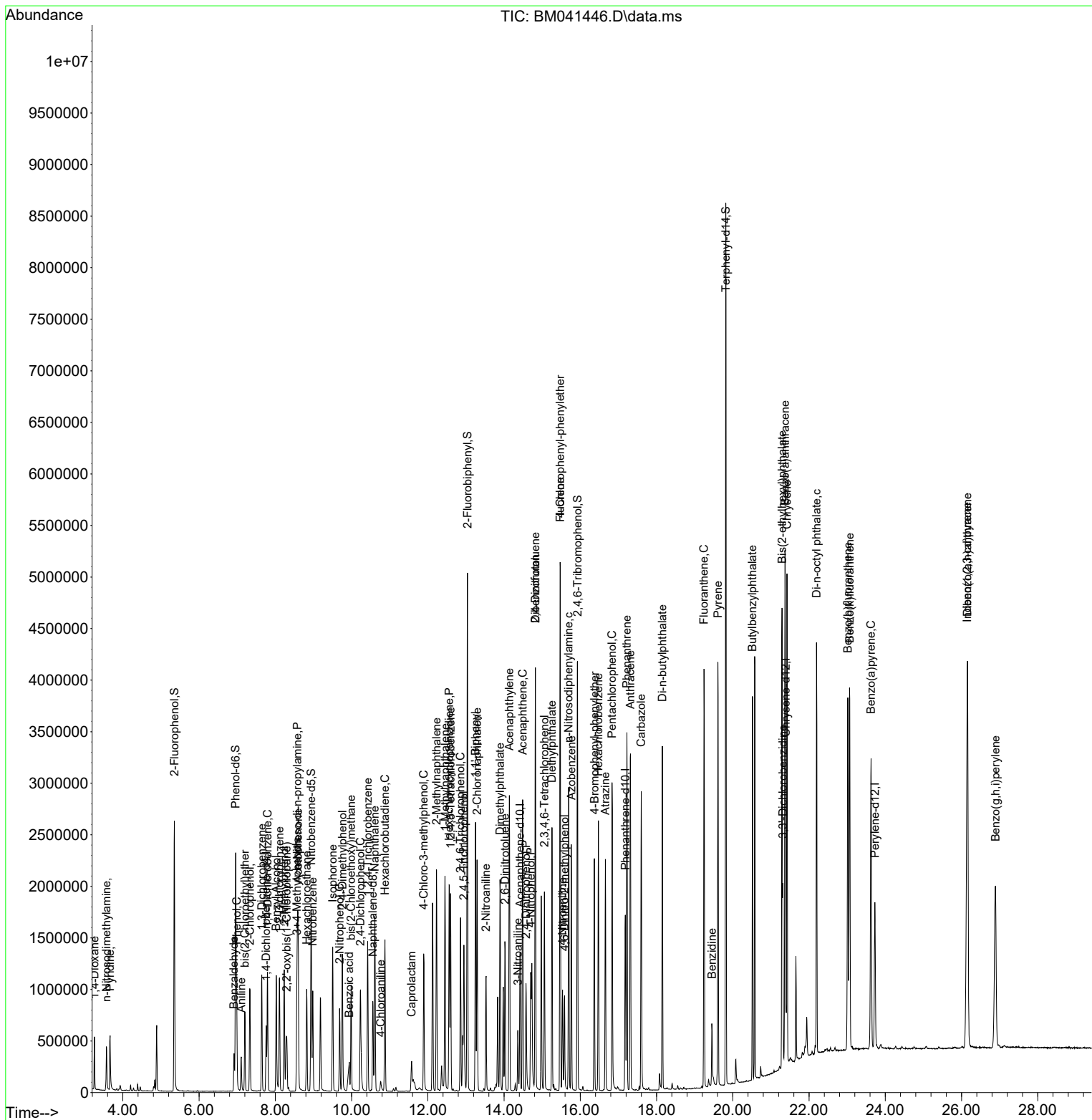
Instrument :
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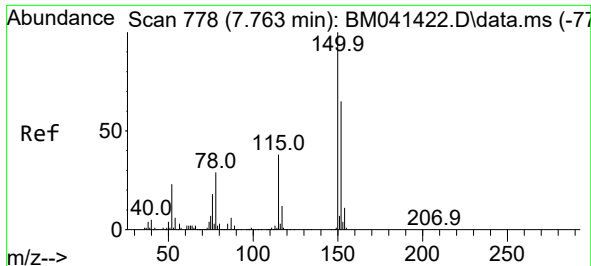
Quant Time: Aug 22 03:36:17 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	415462	36.910	ng	97
46) 1,1'-Biphenyl	13.251	154	1258634	37.451	ng	98
47) 2-Chloronaphthalene	13.292	162	997408	38.614	ng	100
48) 2-Nitroaniline	13.527	65	305046	36.143	ng	92
49) Acenaphthylene	14.139	152	1615362	38.593	ng	99
50) Dimethylphthalate	13.892	163	1320220	37.967	ng	99
51) 2,6-Dinitrotoluene	14.027	165	282710	37.937	ng	95
52) Acenaphthene	14.486	154	926515	37.010	ng	100
53) 3-Nitroaniline	14.363	138	151666	20.407	ng	98
54) 2,4-Dinitrophenol	14.574	184	243854	52.316	ng	96
55) Dibenzofuran	14.821	168	1572046	37.448	ng	99
56) 4-Nitrophenol	14.698	139	368727	65.888	ng	97
57) 2,4-Dinitrotoluene	14.821	165	394246	38.711	ng	93
58) Fluorene	15.474	166	1266278	37.639	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	376562	39.363	ng	97
60) Diethylphthalate	15.257	149	1278051	36.787	ng	99
61) 4-Chlorophenyl-phenyle...	15.468	204	685992	37.821	ng	99
62) 4-Nitroaniline	15.533	138	242599	35.782	ng	97
63) Azobenzene	15.763	77	1271182	36.315	ng	98
65) 4,6-Dinitro-2-methylph...	15.586	198	208610	32.617	ng	95
66) n-Nitrosodiphenylamine	15.692	169	1080567	36.741	ng	99
67) 4-Bromophenyl-phenylether	16.368	248	427488	37.337	ng	96
68) Hexachlorobenzene	16.474	284	498358	39.885	ng	100
69) Atrazine	16.657	200	416731	49.931	ng	100
70) Pentachlorophenol	16.833	266	552924	63.195	ng	100
71) Phenanthrene	17.221	178	1967625	37.308	ng	100
72) Anthracene	17.315	178	2001777	37.430	ng	99
73) Carbazole	17.598	167	1792944	37.679	ng	100
74) Di-n-butylphthalate	18.151	149	2233179	37.357	ng	100
75) Fluoranthene	19.245	202	2368378	37.719	ng	100
77) Benzidine	19.451	184	443248	40.006	ng	99
78) Pyrene	19.609	202	2471062	35.746	ng	99
80) Butylbenzylphthalate	20.515	149	1000200	36.124	ng	99
81) Benzo(a)anthracene	21.368	228	2495430	37.805	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	506822	23.740	ng	99
83) Chrysene	21.421	228	2275857	36.273	ng	99
84) Bis(2-ethylhexyl)phtha...	21.292	149	1487855	37.824	ng	# 98
85) Di-n-octyl phthalate	22.197	149	2538590	39.469	ng	98
87) Indeno(1,2,3-cd)pyrene	26.150	276	2797906	39.595	ng	98
88) Benzo(b)fluoranthene	23.015	252	2511445	38.825	ng	99
89) Benzo(k)fluoranthene	23.062	252	2450849	37.491	ng	99
90) Benzo(a)pyrene	23.627	252	2194372	35.626	ng	99
91) Dibenzo(a,h)anthracene	26.156	278	2376763	39.994	ng	98
92) Benzo(g,h,i)perylene	26.891	276	2177507	37.902	ng	99

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

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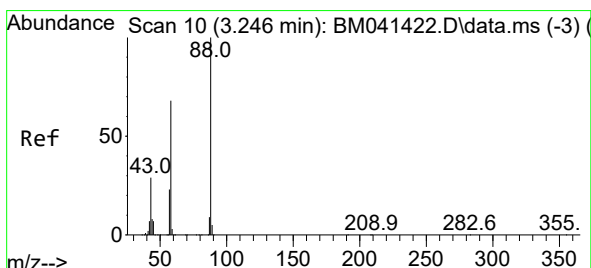
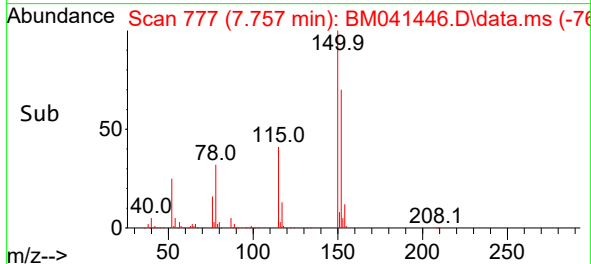
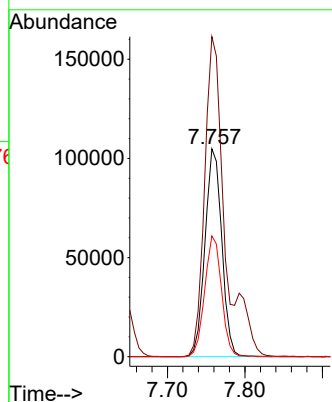
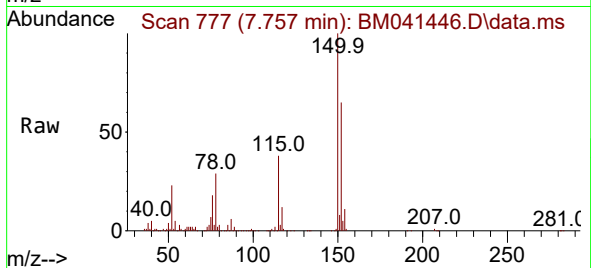




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

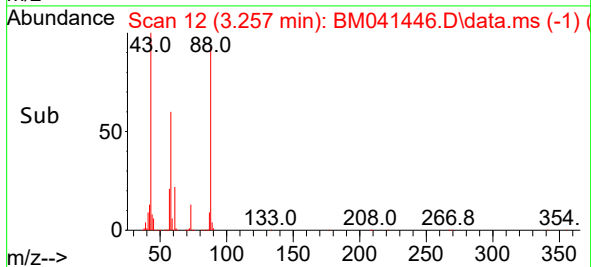
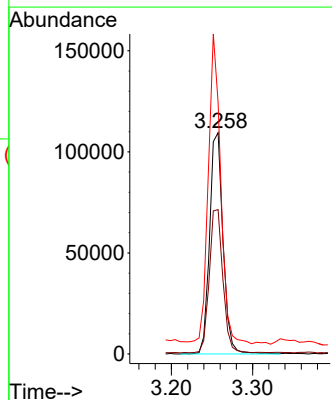
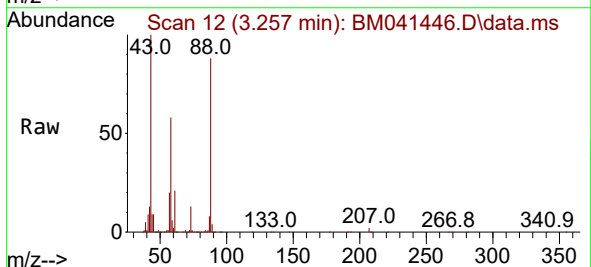
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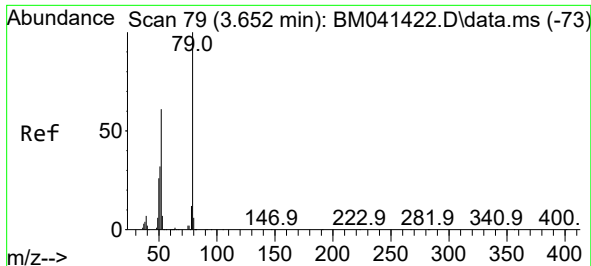
Tgt Ion:152 Resp: 157896
Ion Ratio Lower Upper
152 100
150 153.9 123.8 185.6
115 58.1 46.6 70.0



#2
1,4-Dioxane
Concen: 31.099 ng
RT: 3.257 min Scan# 12
Delta R.T. 0.018 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion: 88 Resp: 125406
Ion Ratio Lower Upper
88 100
58 65.6 55.1 82.7
43 129.2 23.2 34.8#

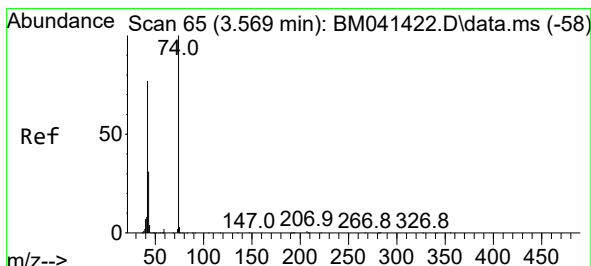
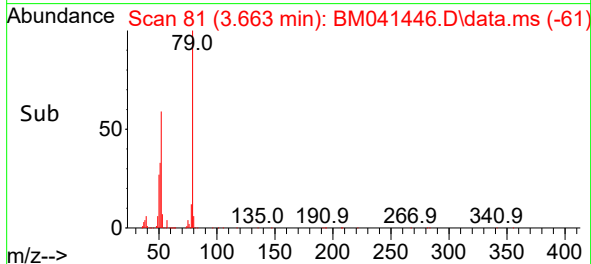
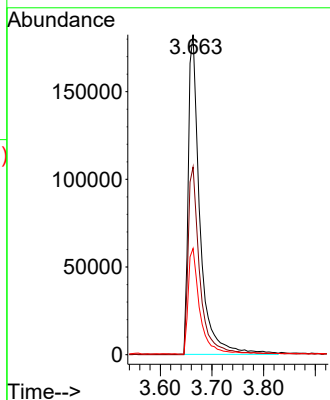
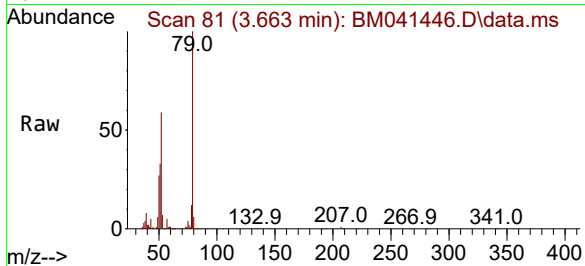




#3
 Pyridine
 Concen: 26.815 ng
 RT: 3.663 min Scan# 81
 Delta R.T. 0.018 min
 Lab File: BM041446.D
 Acq: 21 Aug 2023 13:50

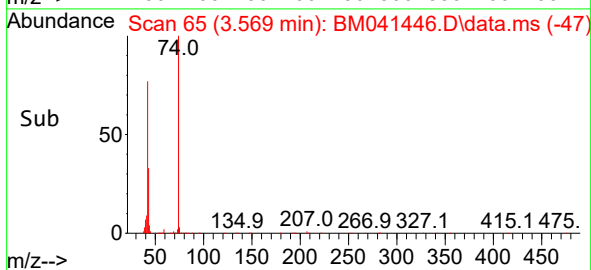
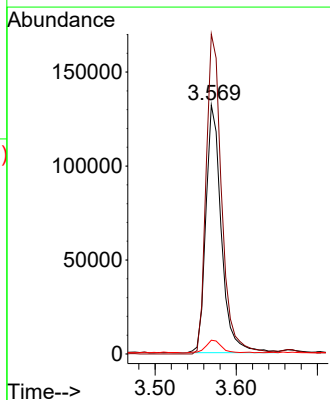
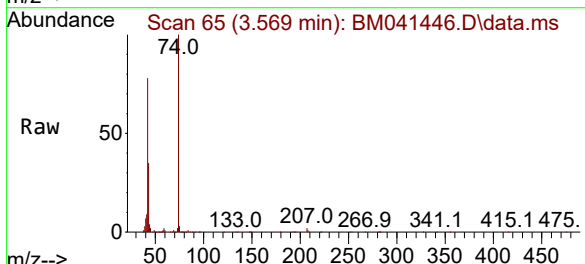
Instrument :
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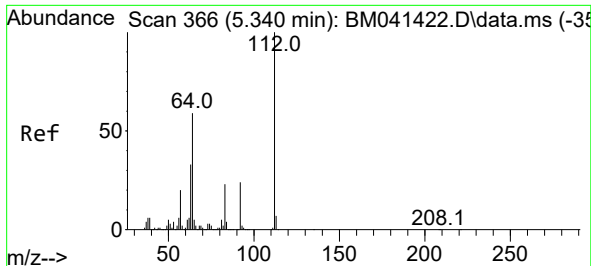
Tgt Ion: 79 Resp: 285683
 Ion Ratio Lower Upper
 79 100
 52 58.6 49.0 73.4
 51 33.2 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 35.469 ng
 RT: 3.569 min Scan# 65
 Delta R.T. 0.006 min
 Lab File: BM041446.D
 Acq: 21 Aug 2023 13:50

Tgt Ion: 42 Resp: 174234
 Ion Ratio Lower Upper
 42 100
 74 128.6 104.1 156.1
 44 5.5 4.6 6.8

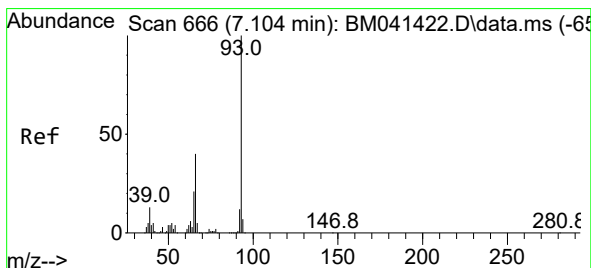
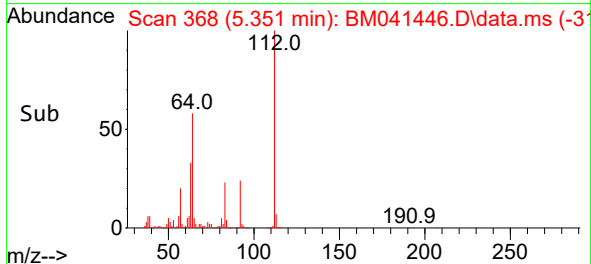
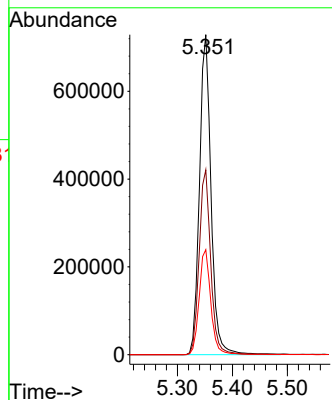
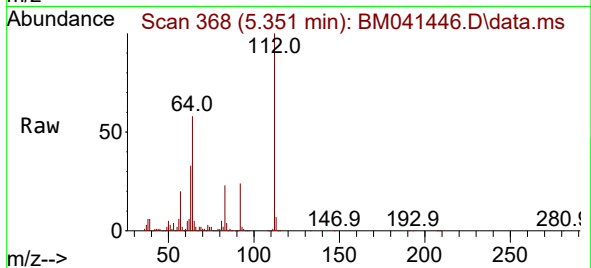




#5
2-Fluorophenol
Concen: 112.542 ng
RT: 5.351 min Scan# 366
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

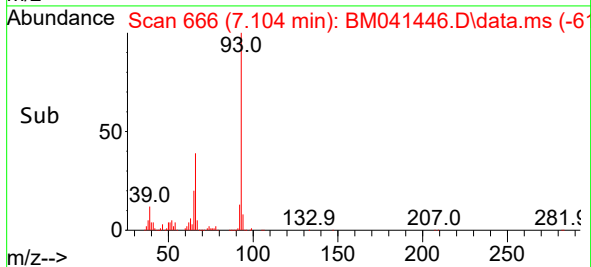
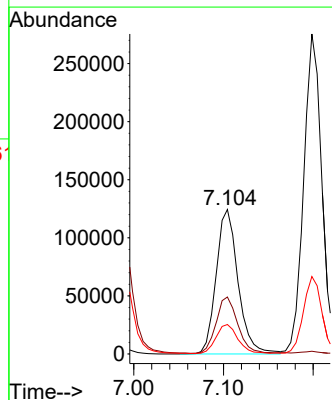
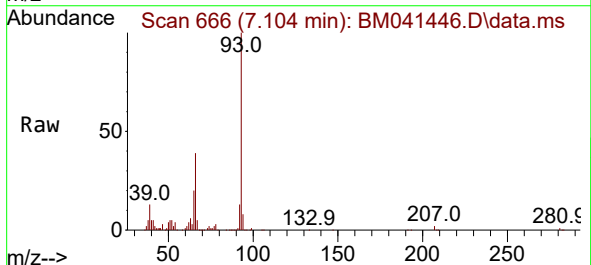
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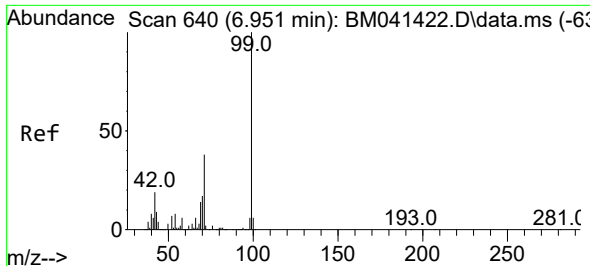
Tgt Ion:112 Resp: 1068182
Ion Ratio Lower Upper
112 100
64 57.8 47.3 70.9
63 32.8 26.5 39.7



#6
Aniline
Concen: 13.760 ng
RT: 7.104 min Scan# 666
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion: 93 Resp: 210879
Ion Ratio Lower Upper
93 100
66 39.4 31.8 47.8
65 20.4 16.8 25.2

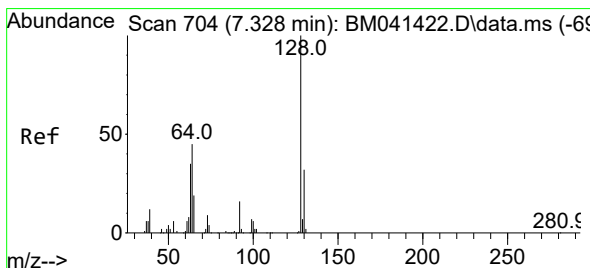
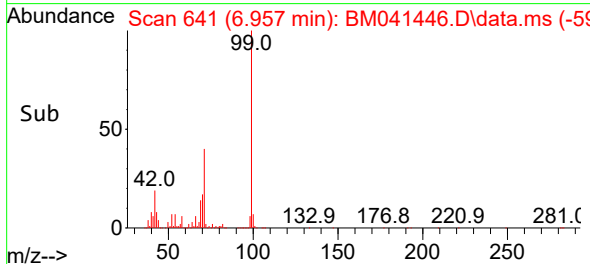
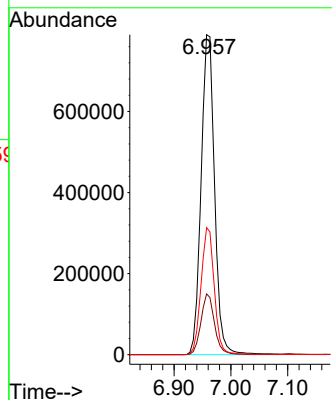
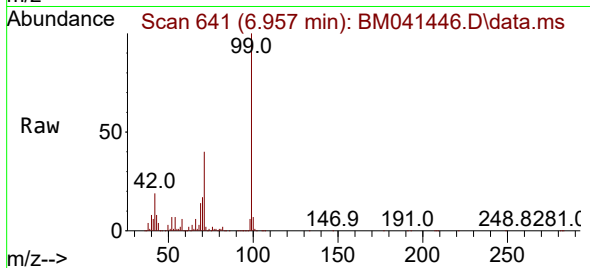




#7
Phenol-d6
Concen: 101.218 ng
RT: 6.957 min Scan# 641
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

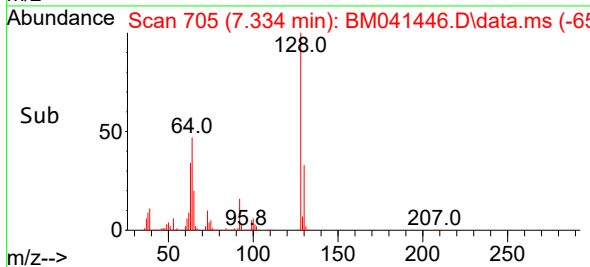
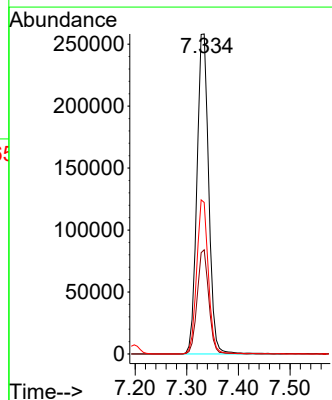
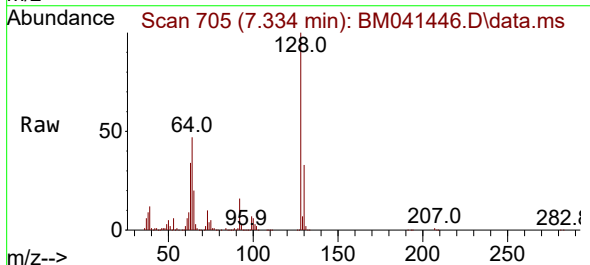
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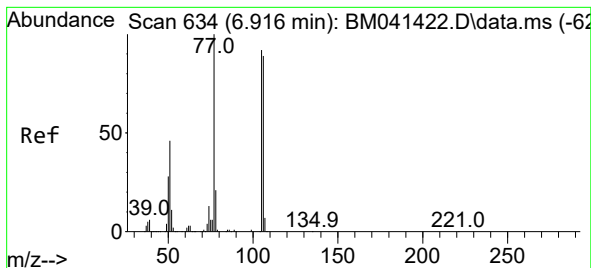
Tgt Ion: 99 Resp: 1304516
Ion Ratio Lower Upper
99 100
42 19.0 15.2 22.8
71 39.7 30.7 46.1



#8
2-Chlorophenol
Concen: 41.648 ng
RT: 7.334 min Scan# 705
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion:128 Resp: 408407
Ion Ratio Lower Upper
128 100
130 32.5 12.2 52.2
64 47.4 28.8 68.8





#9

Benzaldehyde

Concen: 18.354 ng

RT: 6.916 min Scan# 61

Delta R.T. 0.006 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

ETGI-340MSD

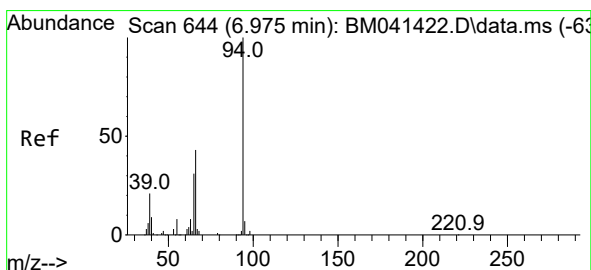
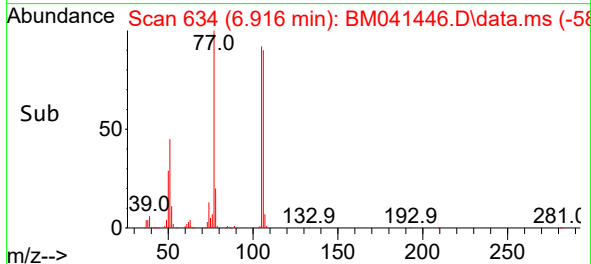
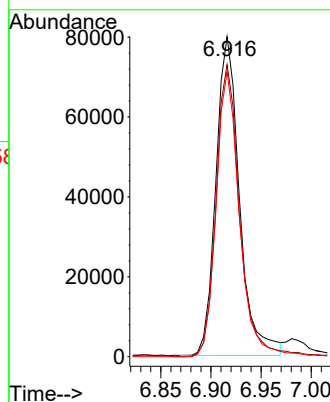
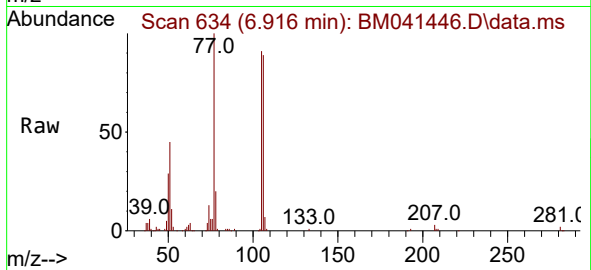
Tgt Ion: 77 Resp: 130603

Ion Ratio Lower Upper

77 100

105 91.2 71.7 111.7

106 89.0 68.6 108.6



#10

Phenol

Concen: 37.185 ng

RT: 6.987 min Scan# 646

Delta R.T. 0.006 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

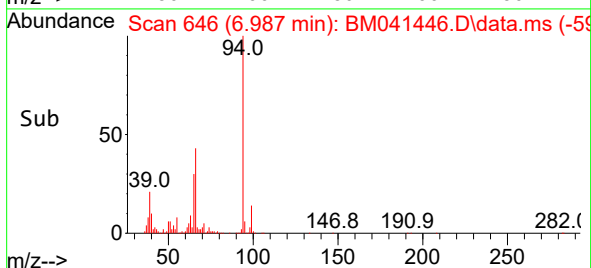
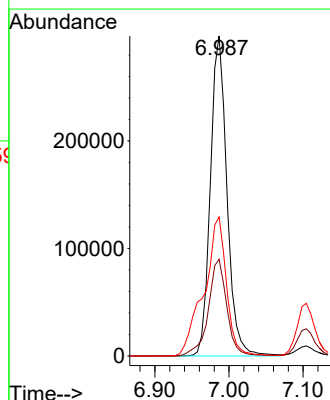
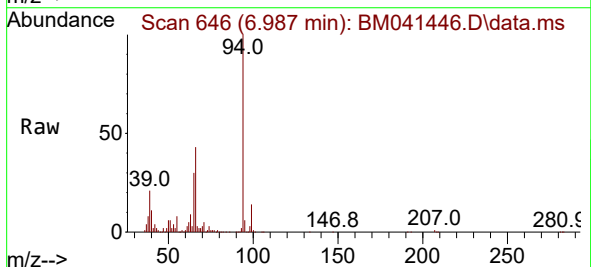
Tgt Ion: 94 Resp: 463027

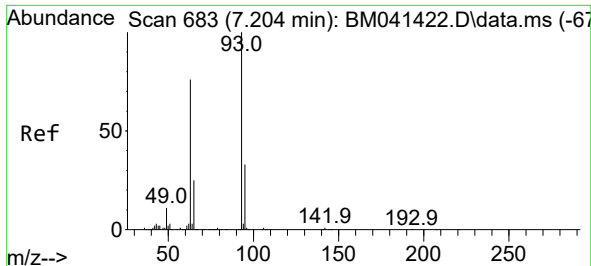
Ion Ratio Lower Upper

94 100

65 30.2 11.0 51.0

66 43.5 23.9 63.9

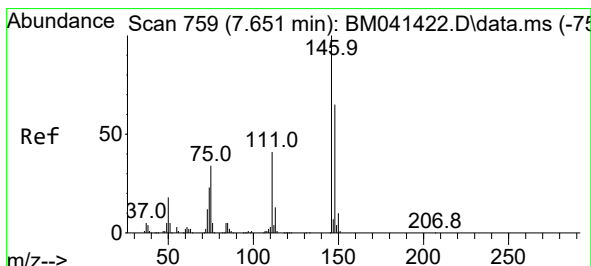
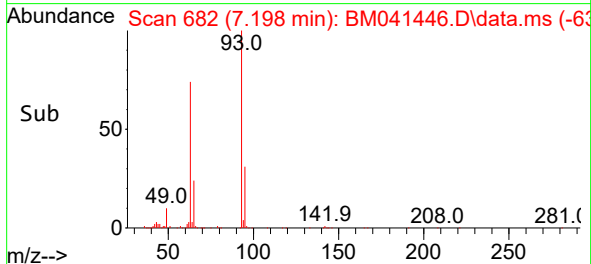
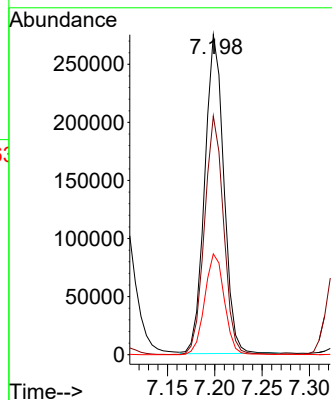
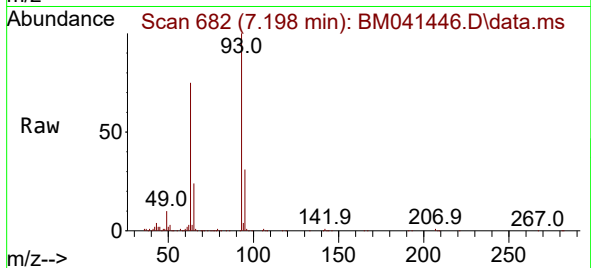




#11
bis(2-Chloroethyl)ether
Concen: 38.548 ng
RT: 7.198 min Scan# 683
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

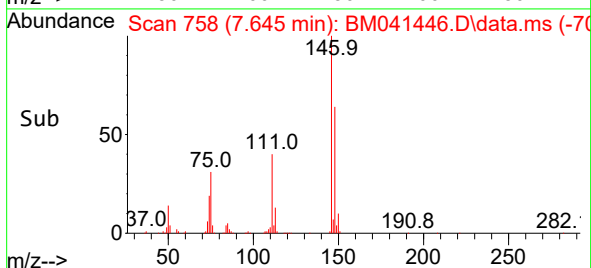
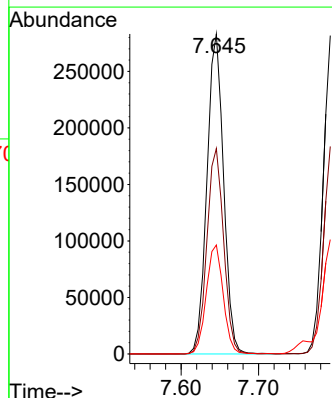
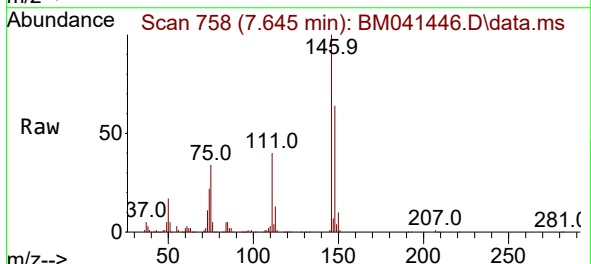
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

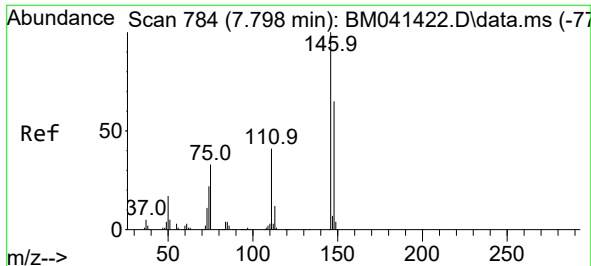
Tgt Ion: 93 Resp: 383996
Ion Ratio Lower Upper
93 100
63 74.6 55.2 95.2
95 31.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 38.682 ng
RT: 7.645 min Scan# 758
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion: 146 Resp: 421593
Ion Ratio Lower Upper
146 100
148 64.2 52.3 78.5
75 34.1 27.6 41.4

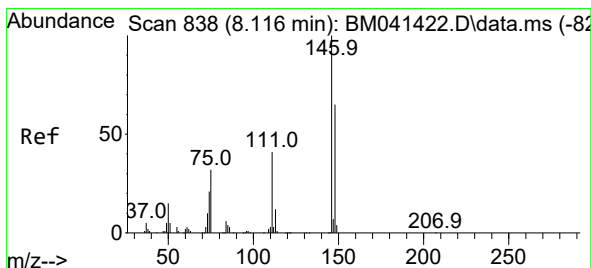
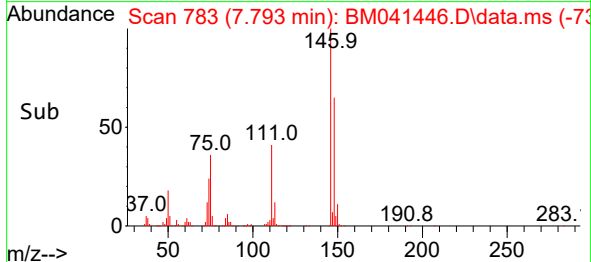
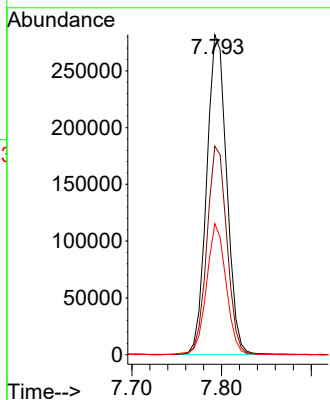
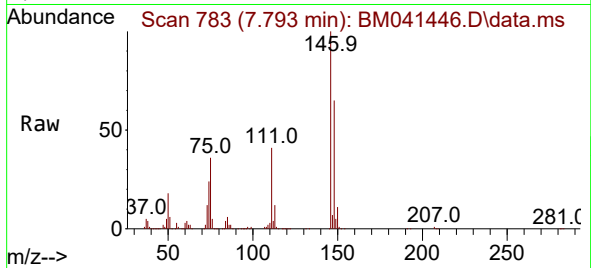




#13
1,4-Dichlorobenzene
Concen: 39.584 ng
RT: 7.793 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

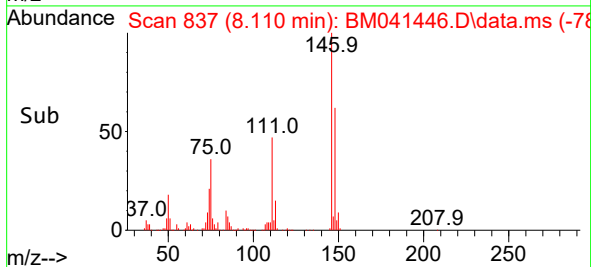
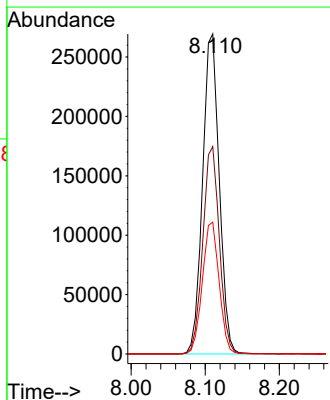
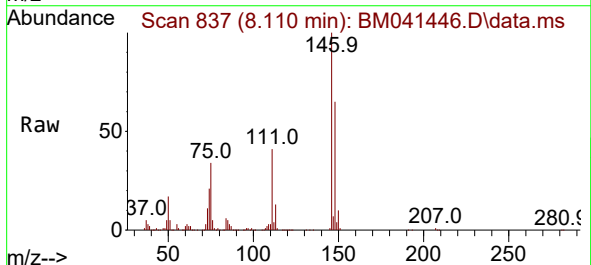
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

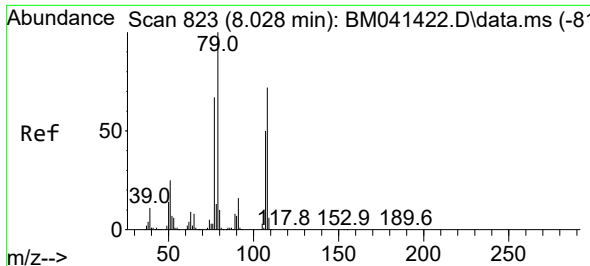
Tgt Ion:146 Resp: 436184
Ion Ratio Lower Upper
146 100
148 65.2 52.2 78.4
111 41.0 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 39.692 ng
RT: 8.110 min Scan# 837
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion:146 Resp: 422174
Ion Ratio Lower Upper
146 100
148 64.8 52.0 78.0
111 41.2 33.4 50.0

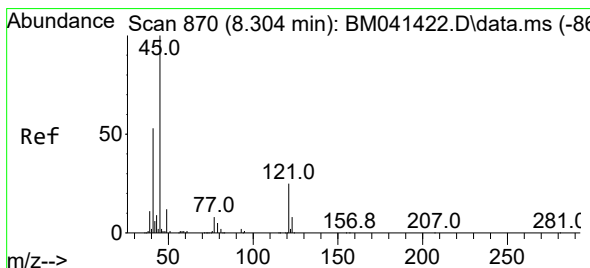
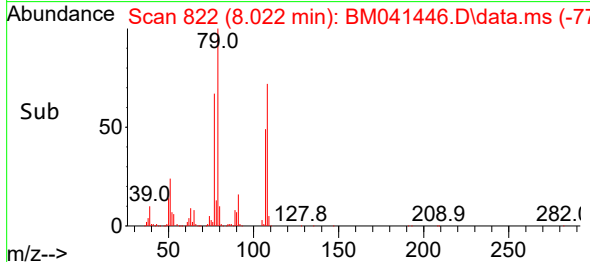
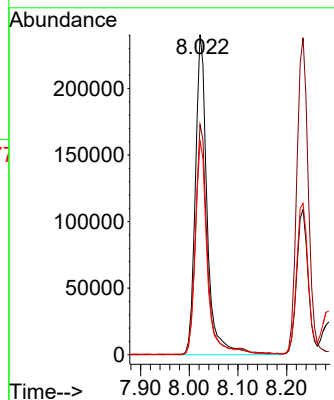
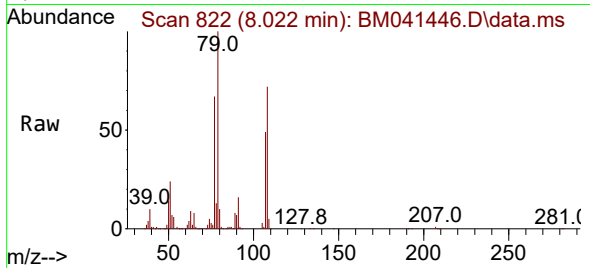




#15
Benzyl Alcohol
Concen: 44.394 ng
RT: 8.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

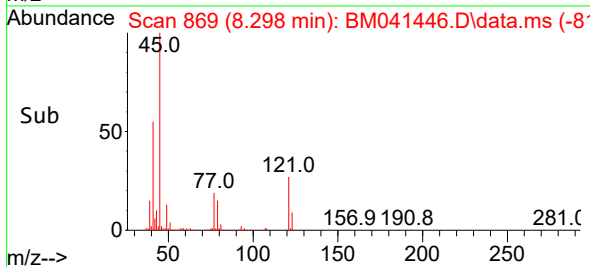
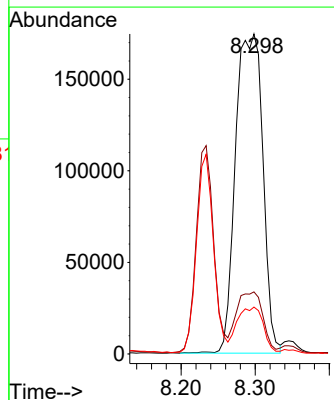
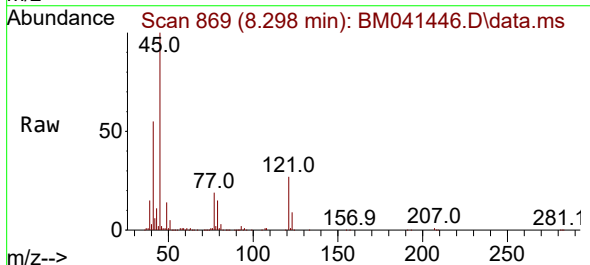
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

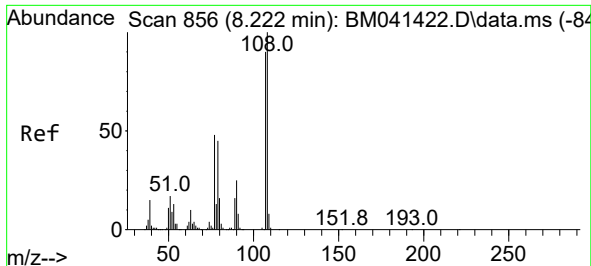
Tgt Ion: 79 Resp: 406187
Ion Ratio Lower Upper
79 100
108 71.9 57.8 86.8
77 66.7 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.216 ng
RT: 8.298 min Scan# 869
Delta R.T. 0.018 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion: 45 Resp: 444807
Ion Ratio Lower Upper
45 100
77 19.4 0.0 37.3
79 14.6 0.0 33.8

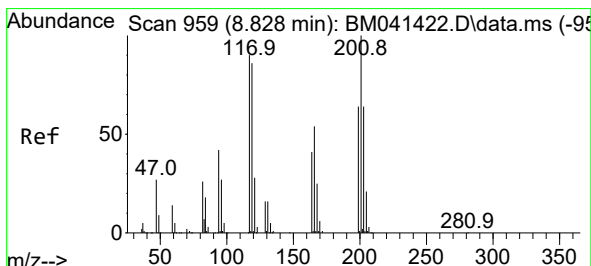
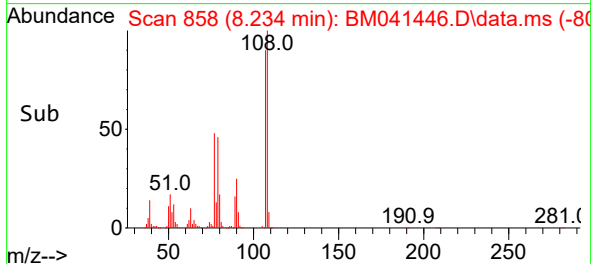
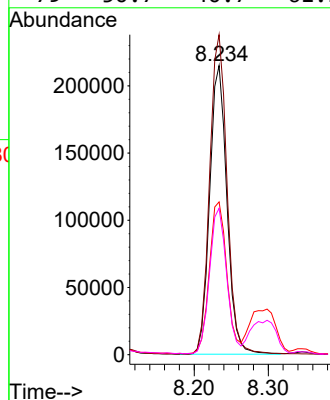
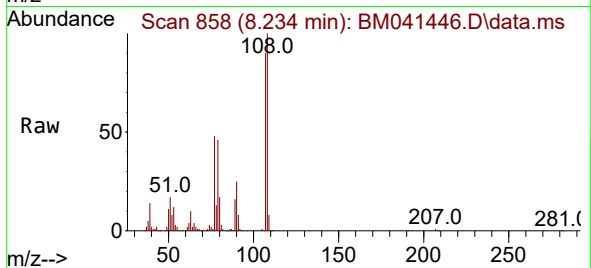




#17
2-Methylphenol
Concen: 38.971 ng
RT: 8.234 min Scan# 856
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

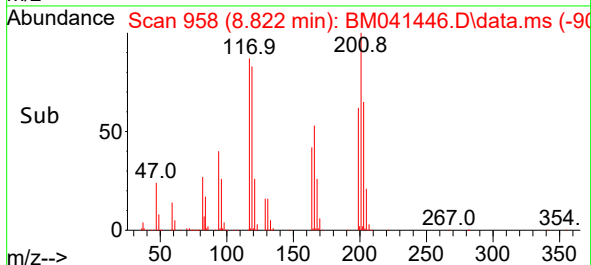
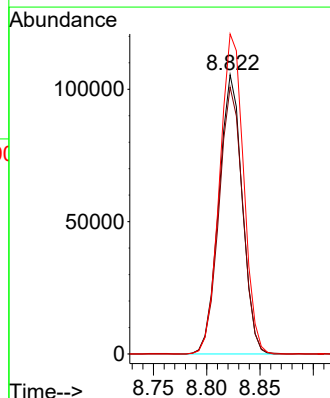
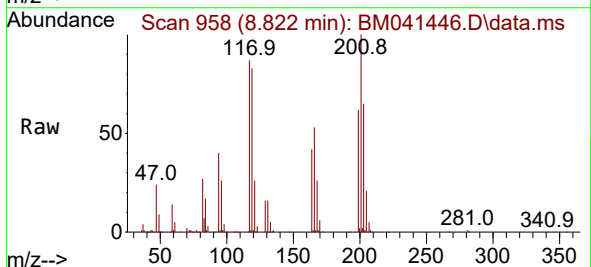
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

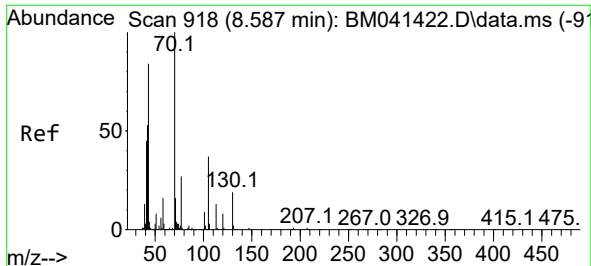
Tgt Ion:107 Resp: 346896
Ion Ratio Lower Upper
107 100
108 110.7 89.2 133.8
77 52.9 43.4 65.0
79 50.7 40.7 61.1



#18
Hexachloroethane
Concen: 38.495 ng
RT: 8.822 min Scan# 958
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion:117 Resp: 161080
Ion Ratio Lower Upper
117 100
119 95.6 76.3 114.5
201 114.6 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 39.235 ng

RT: 8.581 min Scan# 918

Delta R.T. 0.006 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

ETGI-340MSD

Tgt Ion: 70 Resp: 346903

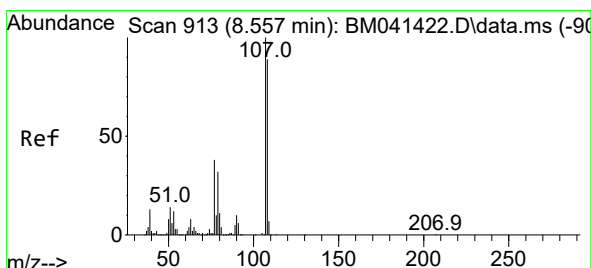
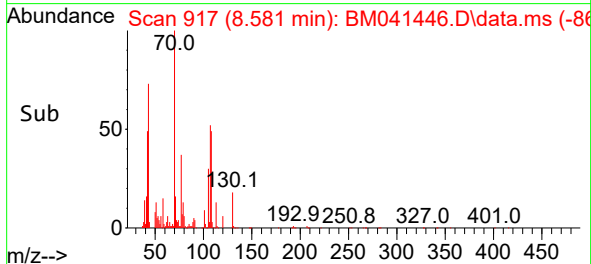
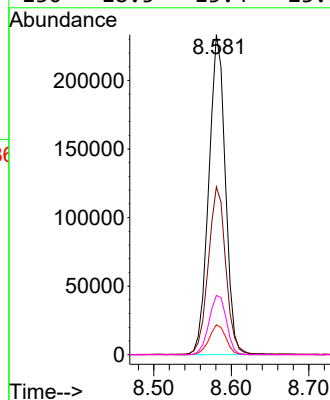
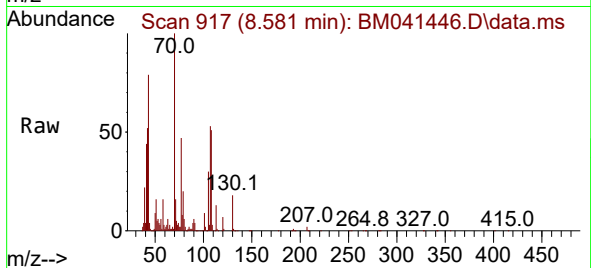
Ion Ratio Lower Upper

70 100

42 52.5 42.6 63.8

101 9.4 7.4 11.0

130 18.5 15.4 23.0



#20

3+4-Methylphenols

Concen: 38.385 ng

RT: 8.563 min Scan# 914

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

Tgt Ion: 107 Resp: 469280

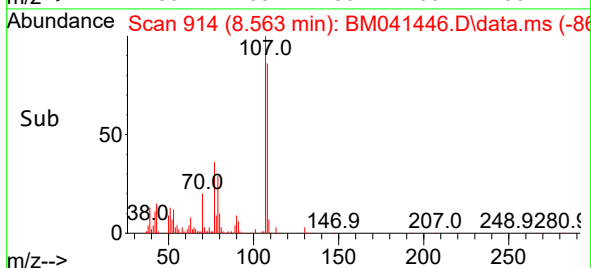
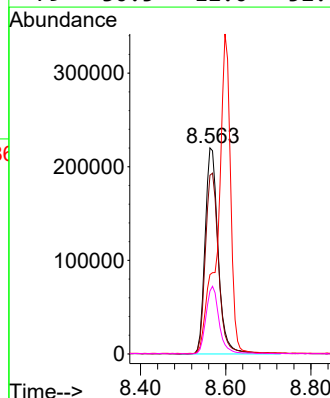
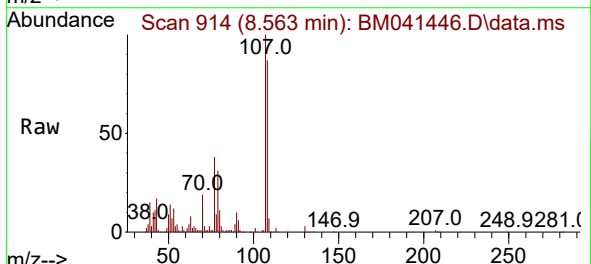
Ion Ratio Lower Upper

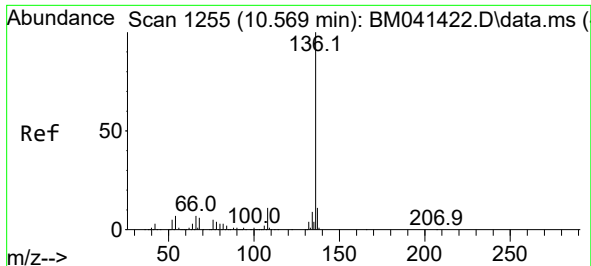
107 100

108 86.7 68.7 108.7

77 38.5 18.1 58.1

79 30.5 12.0 52.0

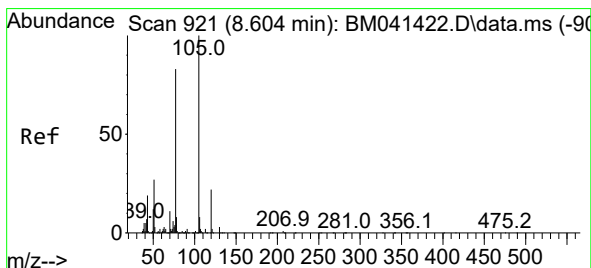
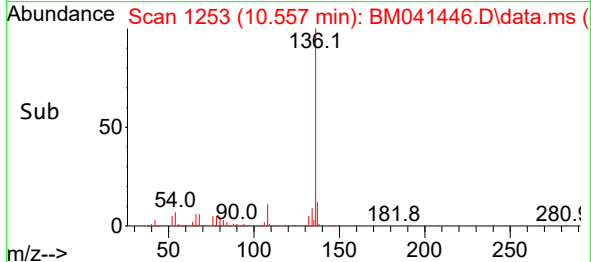
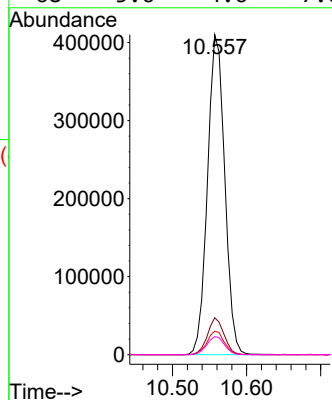
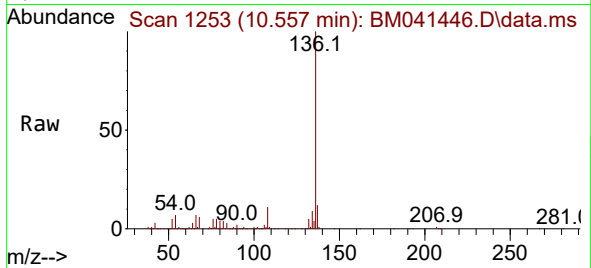




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

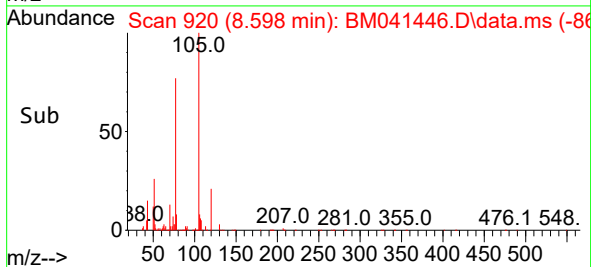
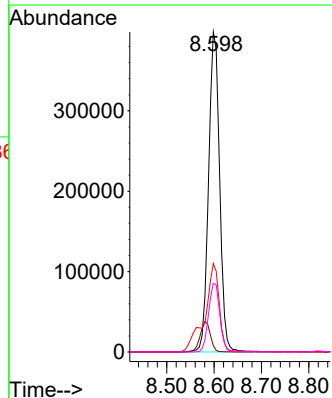
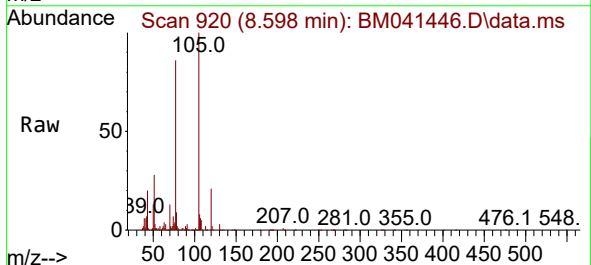
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

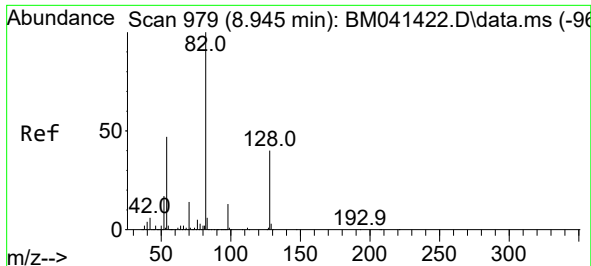
Tgt Ion:136 Resp: 663056
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 7.4 5.7 8.5
68 5.6 4.6 7.0



#22
Acetophenone
Concen: 37.832 ng
RT: 8.598 min Scan# 920
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion:105 Resp: 646436
Ion Ratio Lower Upper
105 100
71 2.0 1.4 2.2
51 27.6 21.7 32.5
120 21.5 17.9 26.9





#23

Nitrobenzene-d5

Concen: 71.089 ng

RT: 8.939 min Scan# 91

Delta R.T. 0.006 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

ETGI-340MSD

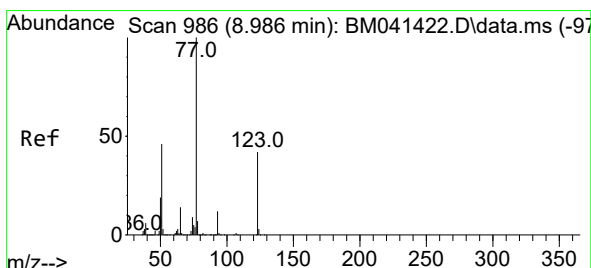
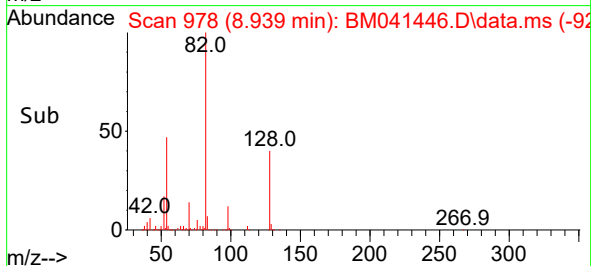
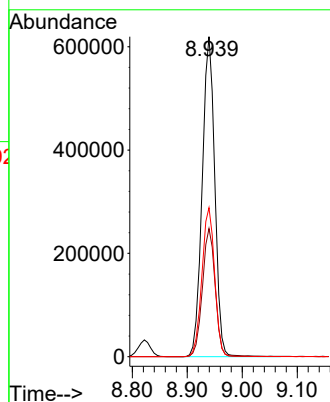
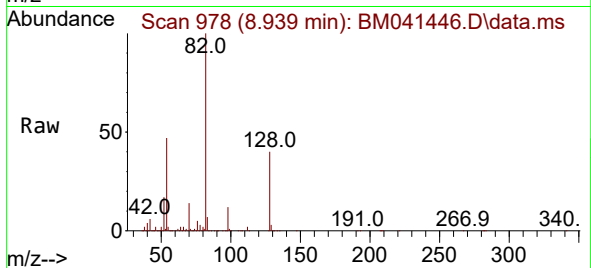
Tgt Ion: 82 Resp: 987435

Ion Ratio Lower Upper

82 100

128 40.1 32.2 48.4

54 46.6 37.5 56.3



#24

Nitrobenzene

Concen: 36.481 ng

RT: 8.981 min Scan# 985

Delta R.T. 0.006 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

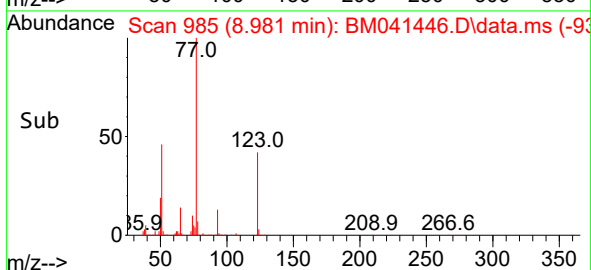
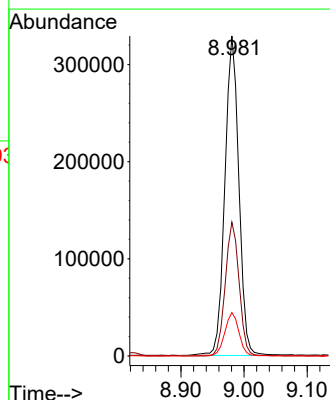
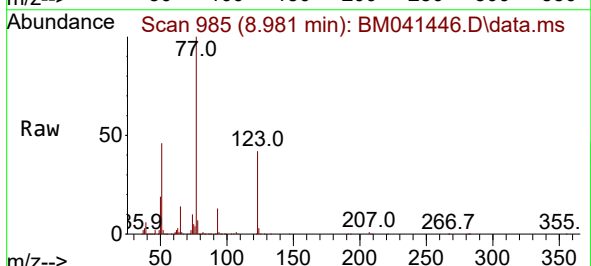
Tgt Ion: 77 Resp: 505982

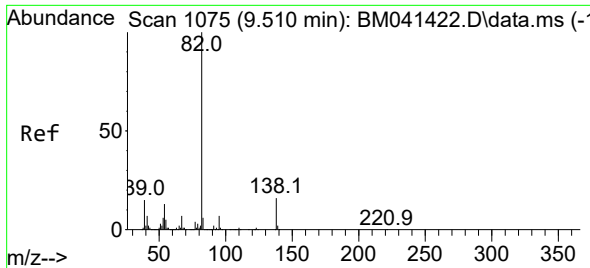
Ion Ratio Lower Upper

77 100

123 41.8 33.5 50.3

65 13.6 11.0 16.6

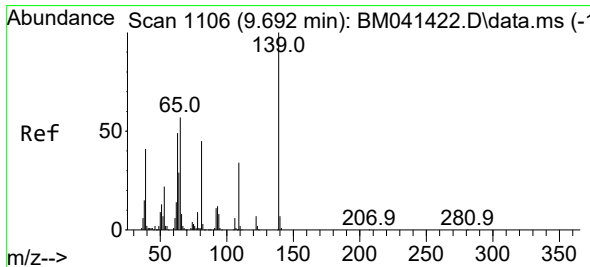
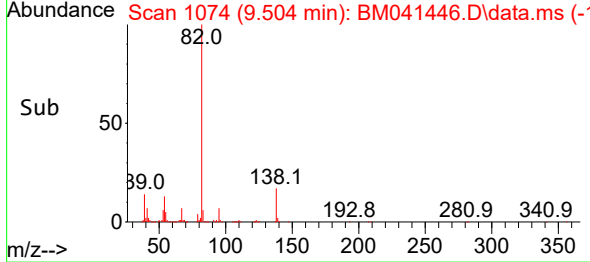
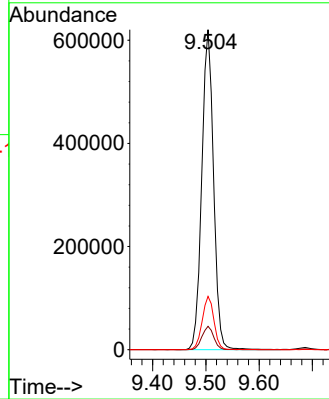
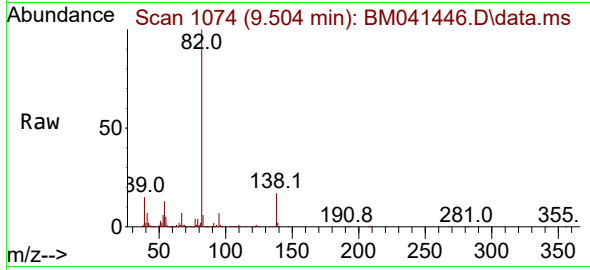




#25
Isophorone
Concen: 37.388 ng
RT: 9.504 min Scan# 1074
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

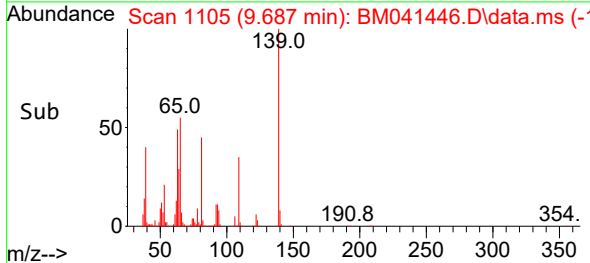
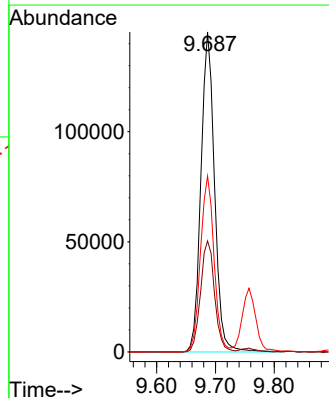
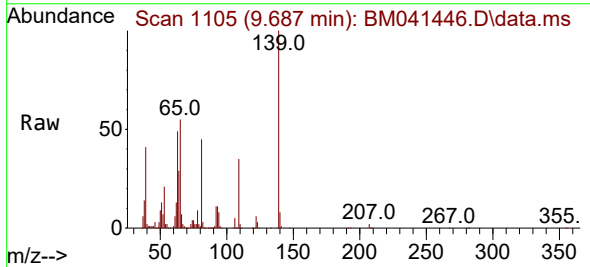
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

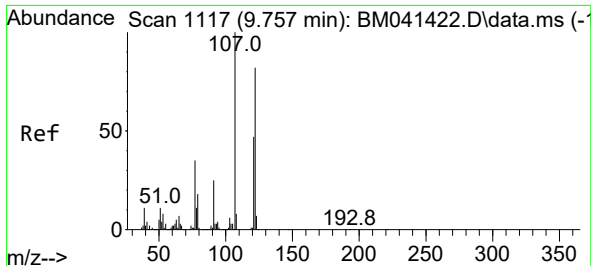
Tgt Ion: 82 Resp: 950551
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 16.7 12.9 19.3



#26
2-Nitrophenol
Concen: 38.597 ng
RT: 9.687 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion: 139 Resp: 233734
Ion Ratio Lower Upper
139 100
109 34.7 27.4 41.2
65 55.0 45.3 67.9

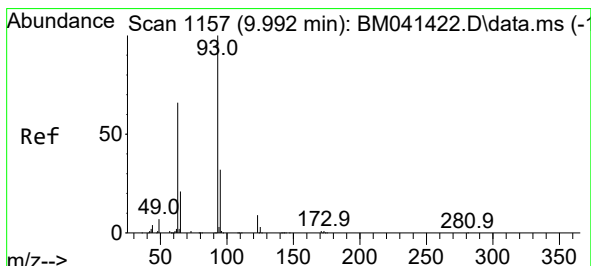
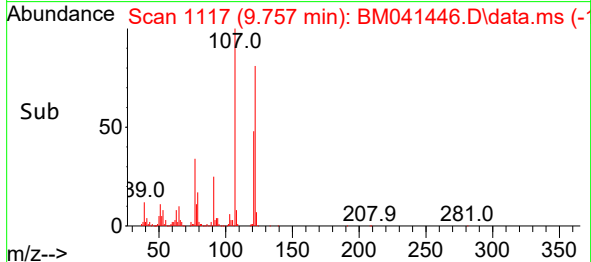
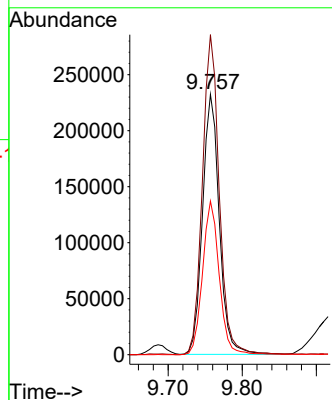
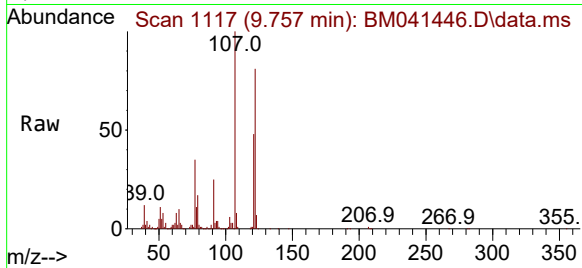




#27
2,4-Dimethylphenol
Concen: 37.576 ng
RT: 9.757 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

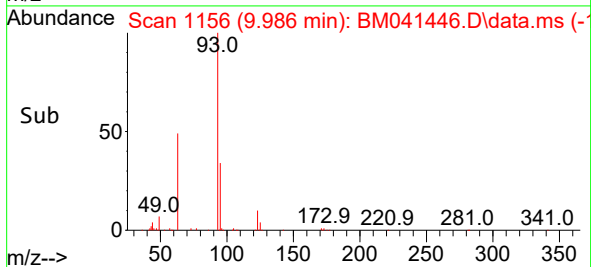
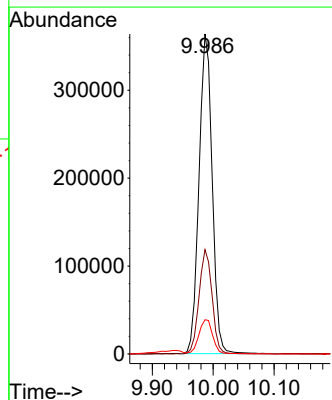
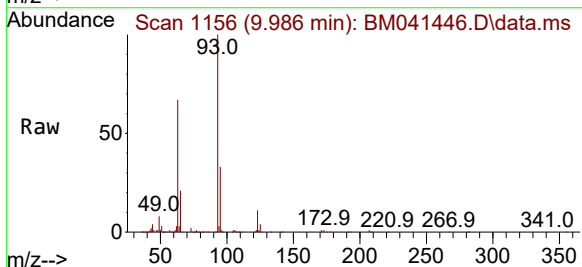
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

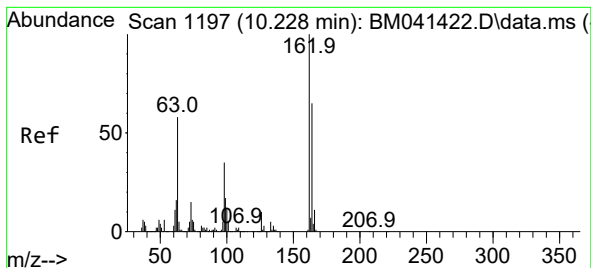
Tgt Ion:122 Resp: 366402
Ion Ratio Lower Upper
122 100
107 122.9 96.7 145.1
121 59.0 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 36.850 ng
RT: 9.986 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion: 93 Resp: 545317
Ion Ratio Lower Upper
93 100
95 32.6 25.5 38.3
123 10.7 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 40.720 ng

RT: 10.234 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

ETGI-340MSD

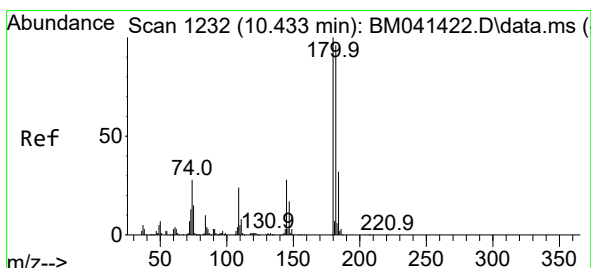
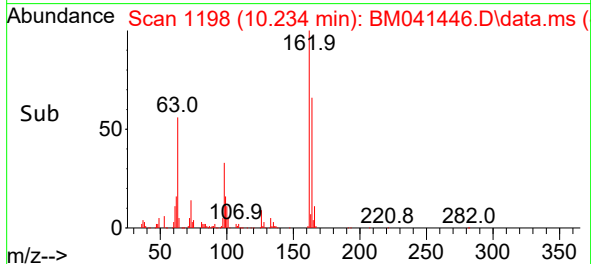
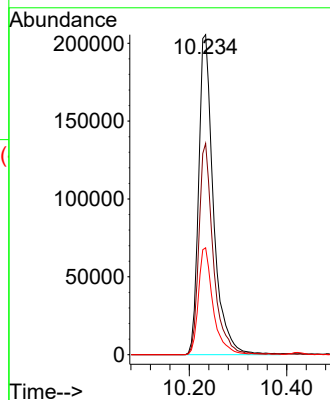
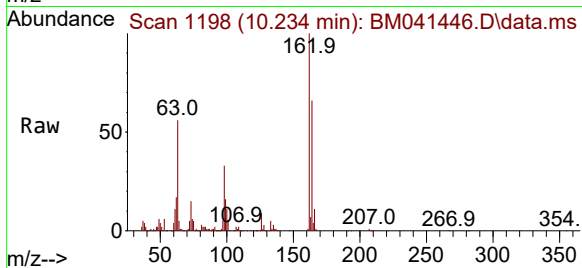
Tgt Ion:162 Resp: 434987

Ion Ratio Lower Upper

162 100

164 66.0 44.6 84.6

98 33.4 14.6 54.6



#30

1,2,4-Trichlorobenzene

Concen: 38.781 ng

RT: 10.422 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

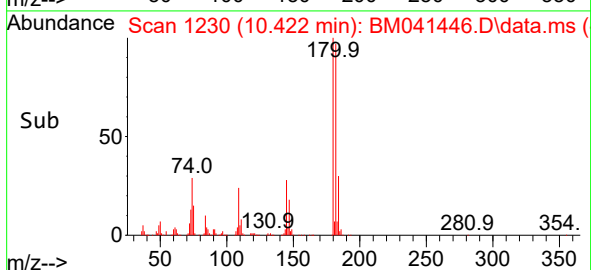
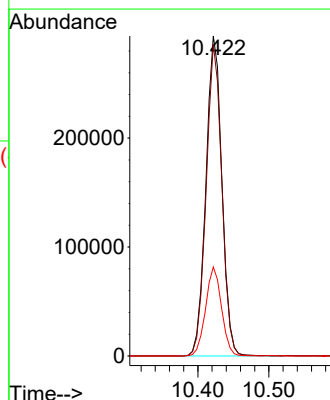
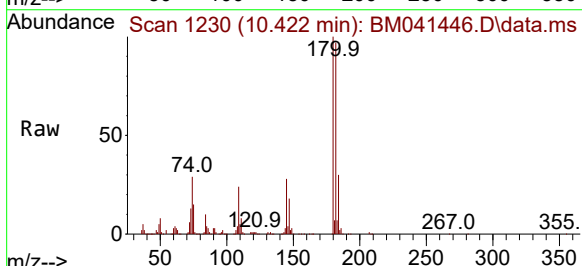
Tgt Ion:180 Resp: 459988

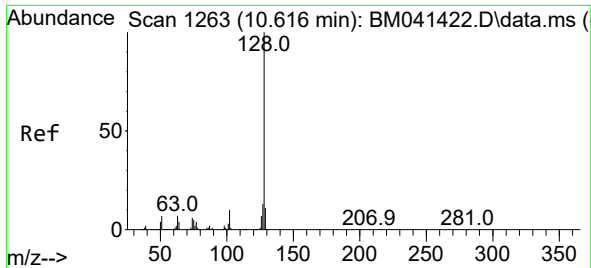
Ion Ratio Lower Upper

180 100

182 97.4 76.6 114.8

145 27.8 22.4 33.6

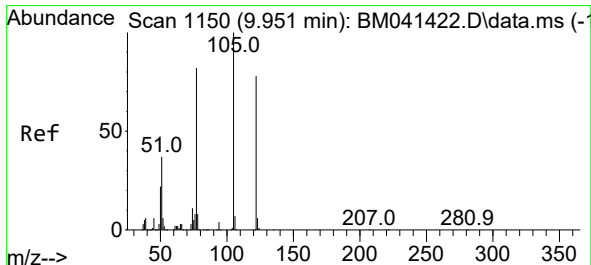
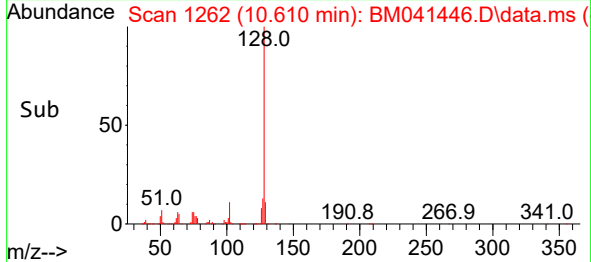
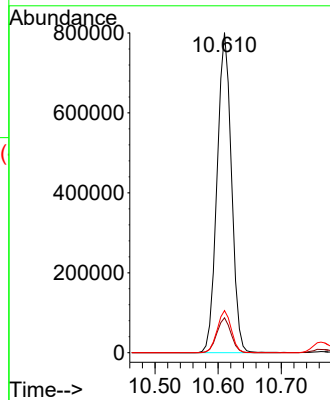
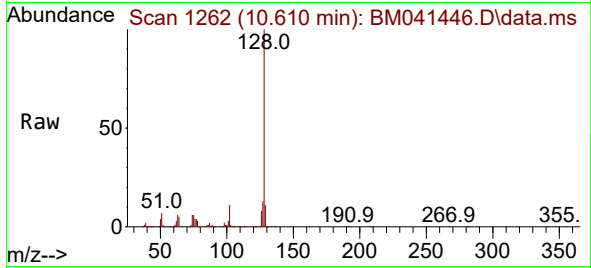




#31
Naphthalene
Concen: 36.696 ng
RT: 10.610 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

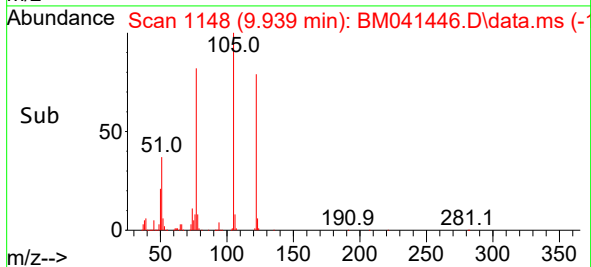
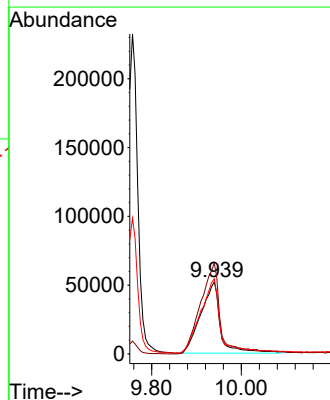
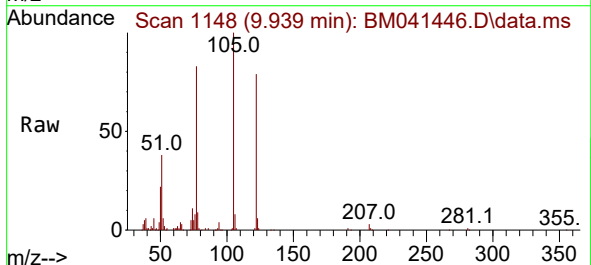
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

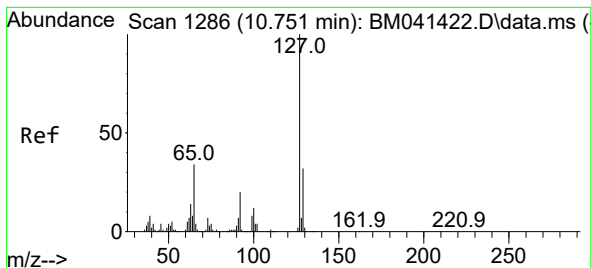
Tgt Ion:128 Resp: 1265076
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 20.154 ng
RT: 9.939 min Scan# 1148
Delta R.T. -0.012 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion:122 Resp: 157840
Ion Ratio Lower Upper
122 100
105 126.0 107.1 147.1
77 104.0 84.8 124.8

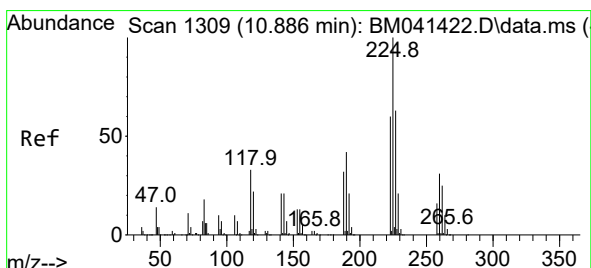
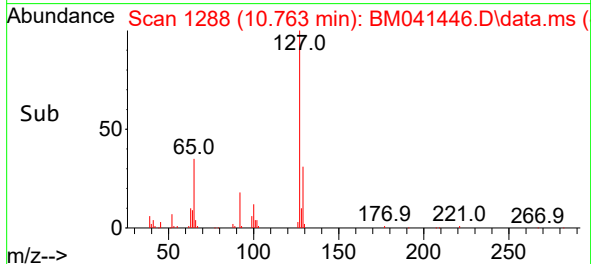
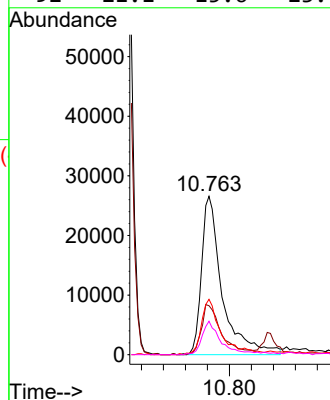
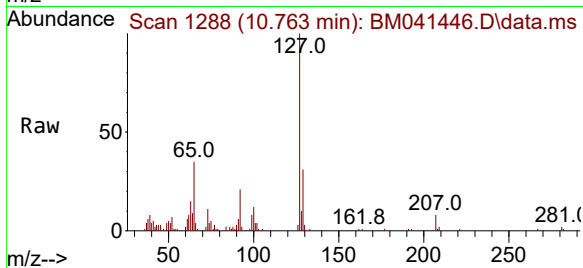




#33
4-Chloroaniline
Concen: 4.777 ng
RT: 10.763 min Scan# 11
Delta R.T. 0.024 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

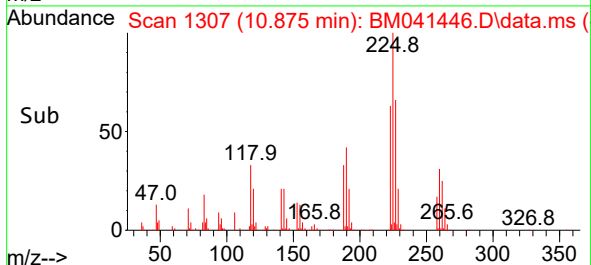
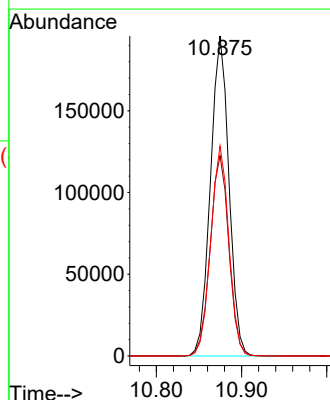
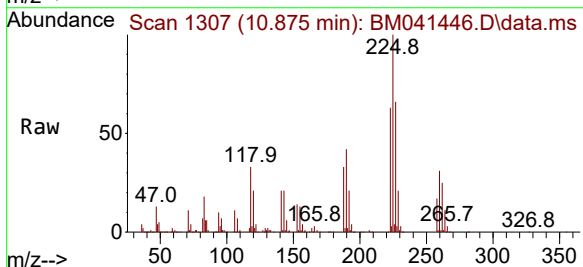
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

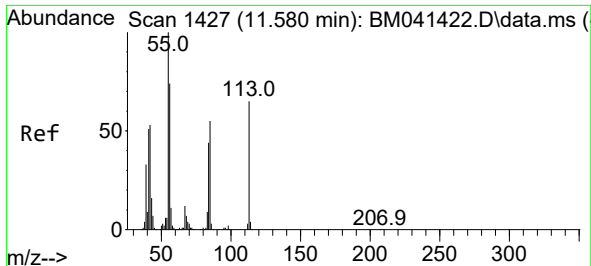
Tgt Ion:	127	Resp:	69525
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.4	38.2
65	35.0	27.1	40.7
92	21.1	15.6	23.4



#34
Hexachlorobutadiene
Concen: 37.551 ng
RT: 10.875 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion:	225	Resp:	294558
Ion	Ratio	Lower	Upper
225	100		
223	62.5	48.1	72.1
227	65.6	50.4	75.6

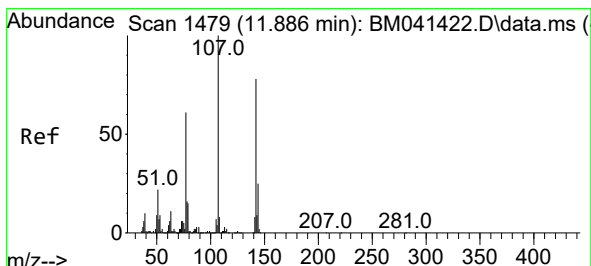
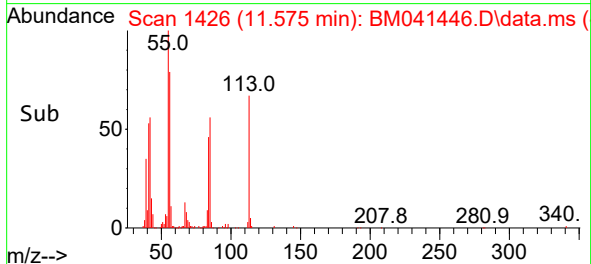
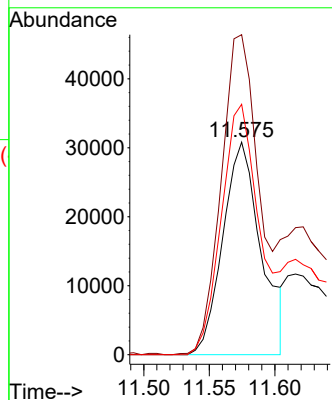
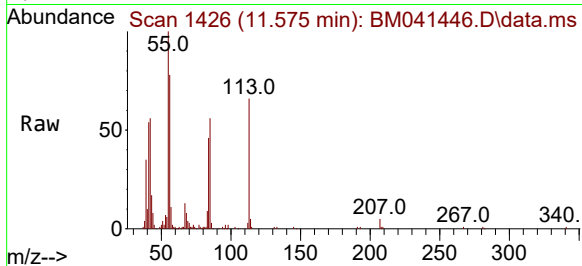




#35
Caprolactam
Concen: 18.819 ng
RT: 11.575 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

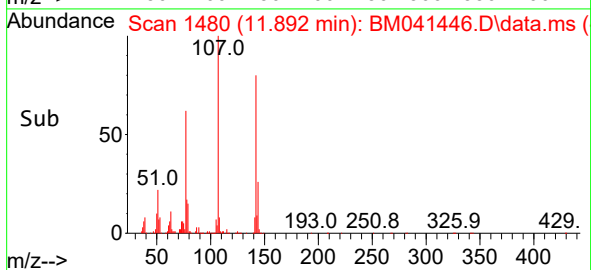
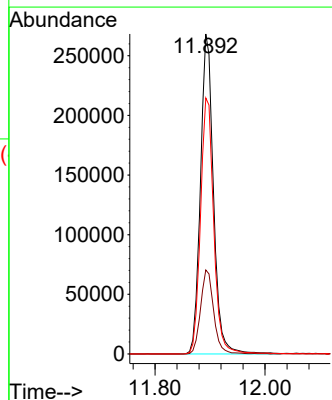
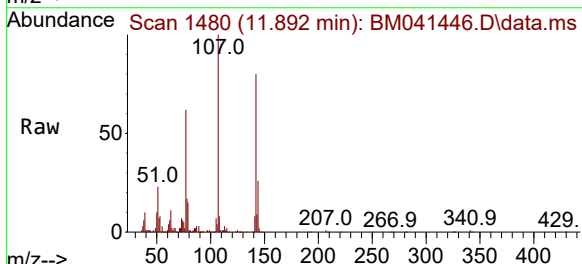
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

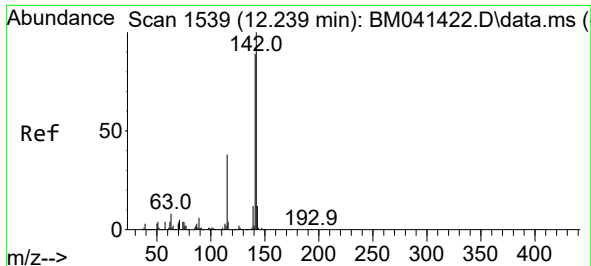
Tgt Ion:113 Resp: 62321
Ion Ratio Lower Upper
113 100
55 150.6 135.3 175.3
56 117.9 94.4 134.4



#36
4-Chloro-3-methylphenol
Concen: 38.849 ng
RT: 11.892 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion:107 Resp: 441668
Ion Ratio Lower Upper
107 100
144 26.2 20.3 30.5
142 80.0 62.7 94.1





#37

2-Methylnaphthalene

Concen: 36.192 ng

RT: 12.227 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

ETGI-340MSD

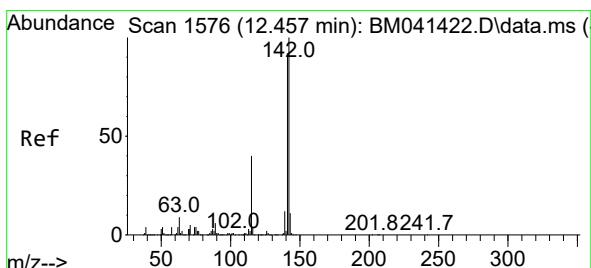
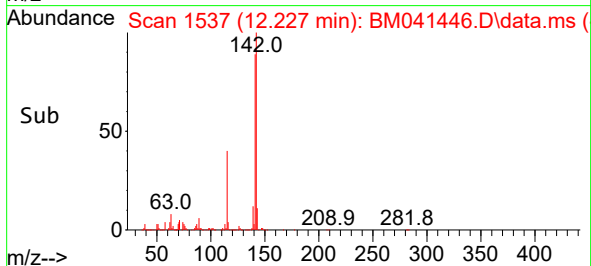
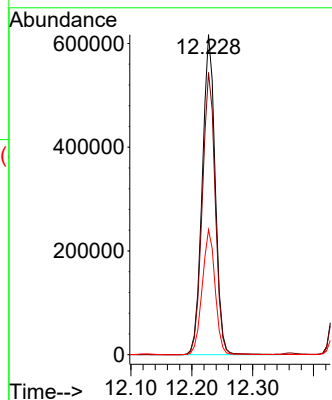
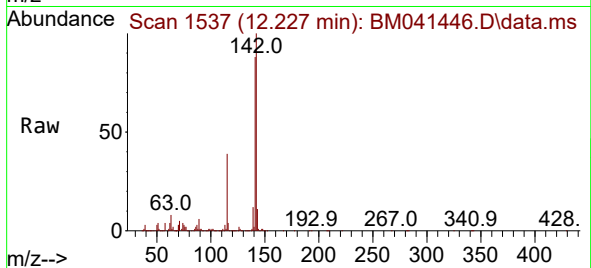
Tgt Ion:142 Resp: 907860

Ion Ratio Lower Upper

142 100

141 88.2 71.4 107.0

115 39.1 30.8 46.2



#38

1-Methylnaphthalene

Concen: 36.871 ng

RT: 12.451 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

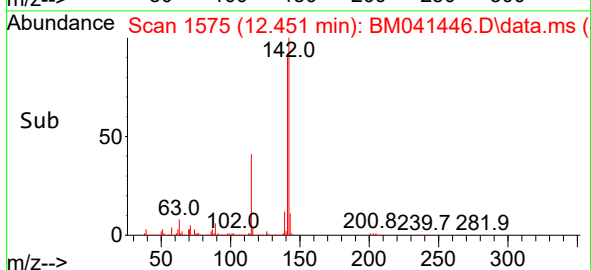
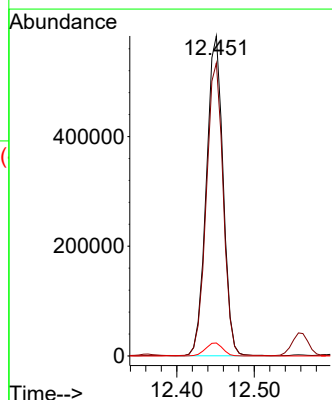
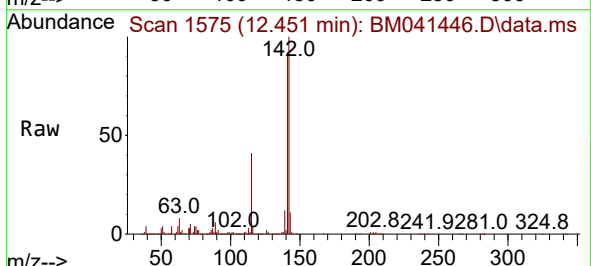
Tgt Ion:142 Resp: 873813

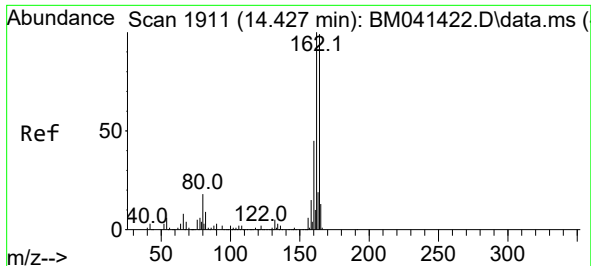
Ion Ratio Lower Upper

142 100

141 91.6 73.3 109.9

116 4.1 3.3 4.9

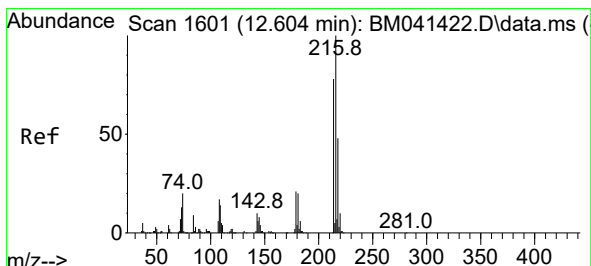
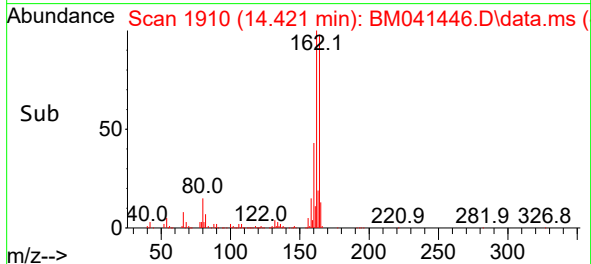
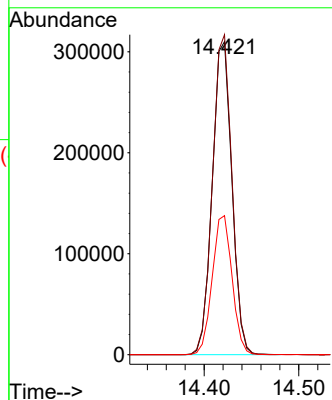
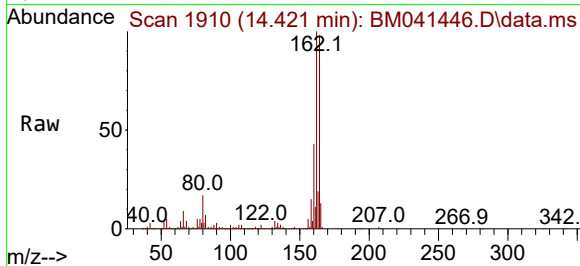




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.421 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

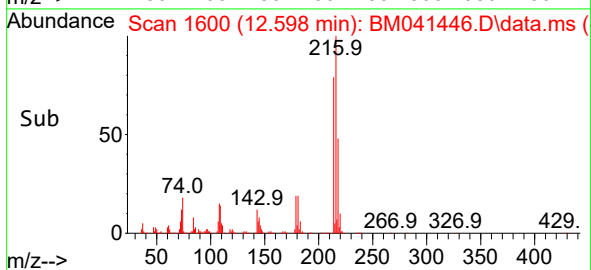
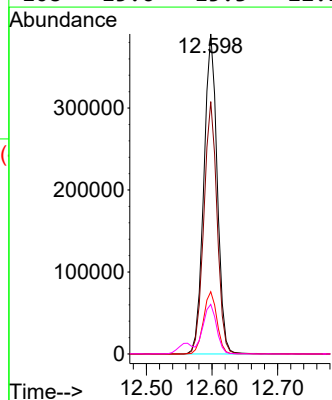
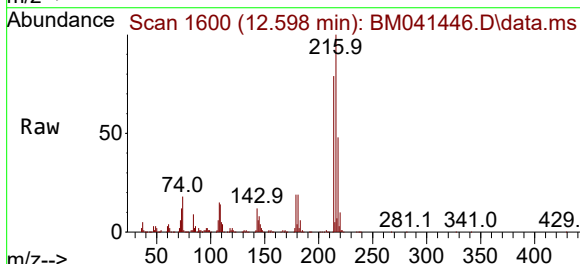
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

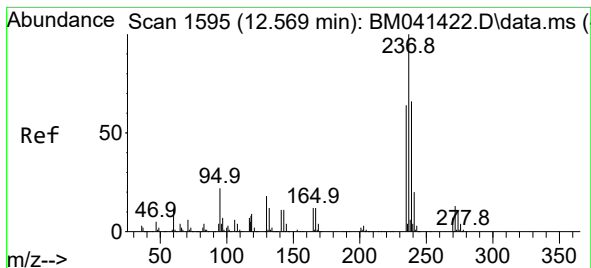
Tgt Ion:164 Resp: 445311
Ion Ratio Lower Upper
164 100
162 102.2 80.4 120.6
160 44.4 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.163 ng
RT: 12.598 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion:216 Resp: 554460
Ion Ratio Lower Upper
216 100
214 78.2 62.4 93.6
179 19.7 16.2 24.4
108 15.6 15.3 22.9





#41

Hexachlorocyclopentadiene

Concen: 73.882 ng

RT: 12.563 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

ETGI-340MSD

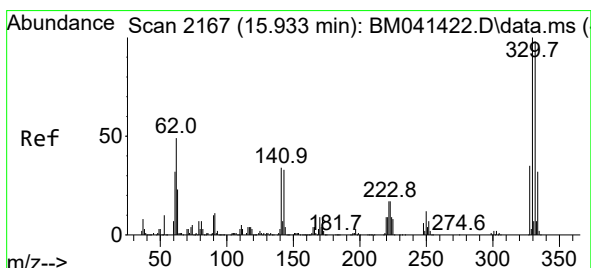
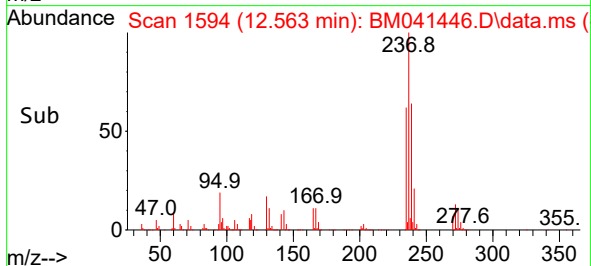
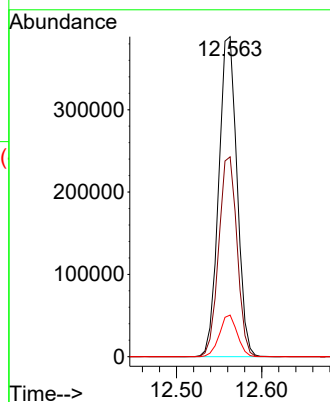
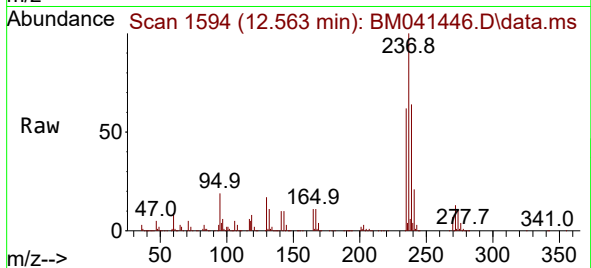
Tgt Ion:237 Resp: 579834

Ion Ratio Lower Upper

237 100

235 62.4 43.5 83.5

272 13.0 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 108.430 ng

RT: 15.927 min Scan# 2166

Delta R.T. 0.006 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

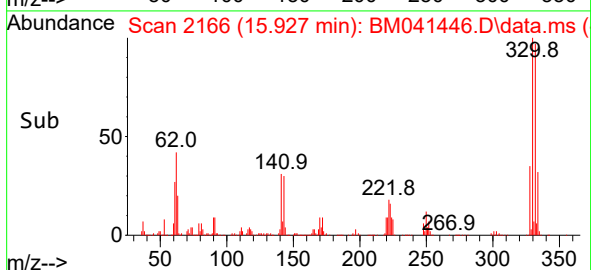
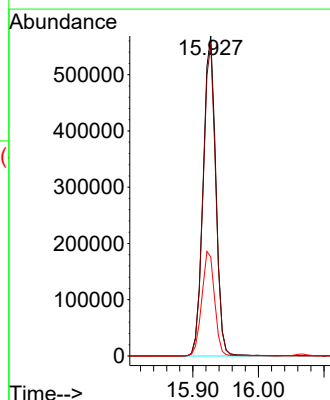
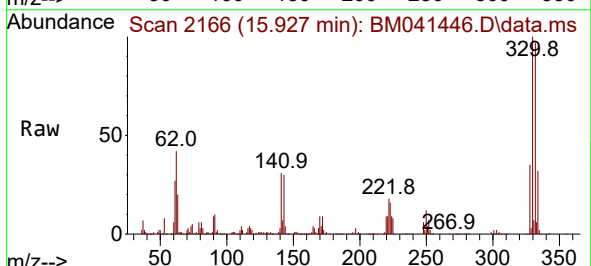
Tgt Ion:330 Resp: 766258

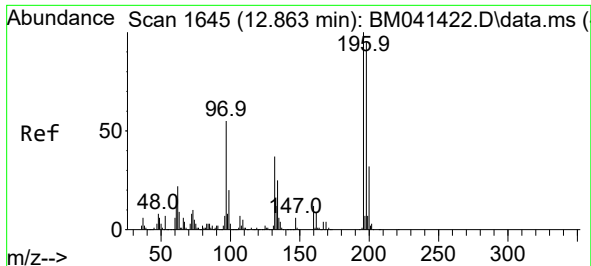
Ion Ratio Lower Upper

330 100

332 97.1 78.0 117.0

141 33.0 28.3 42.5

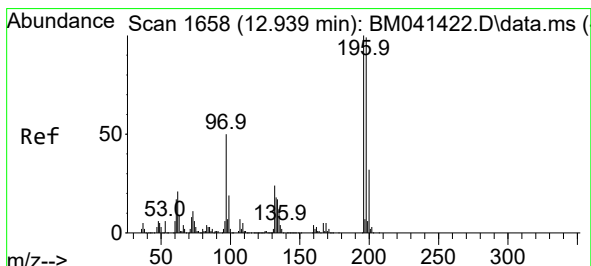
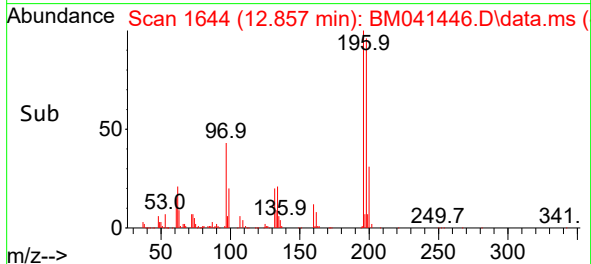
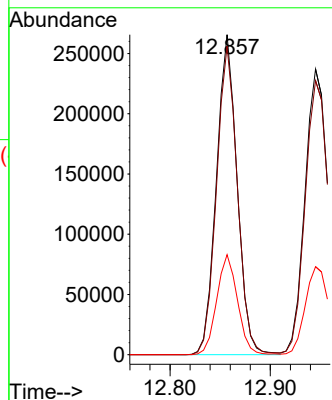
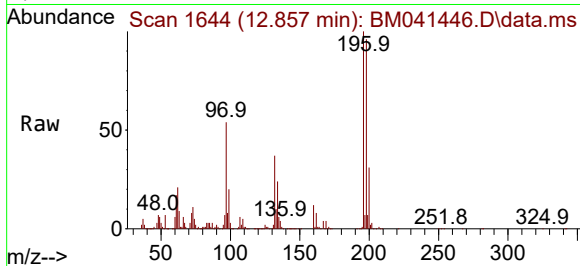




#43
2,4,6-Trichlorophenol
Concen: 39.211 ng
RT: 12.857 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

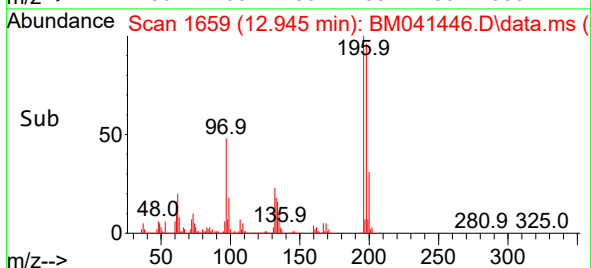
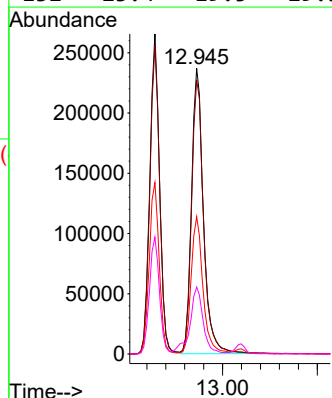
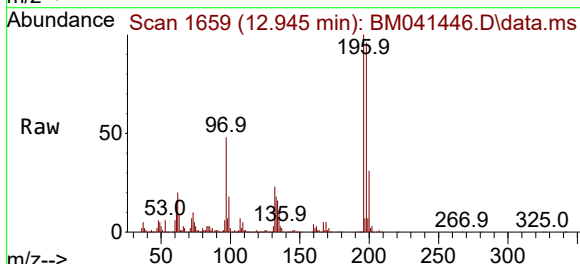
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

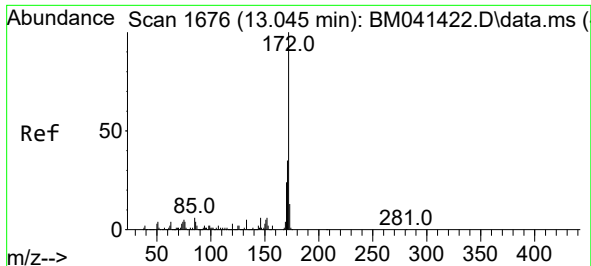
Tgt Ion:196 Resp: 381259
Ion Ratio Lower Upper
196 100
198 96.4 75.9 113.9
200 31.2 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 36.910 ng
RT: 12.945 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion:196 Resp: 415462
Ion Ratio Lower Upper
196 100
198 96.0 79.1 118.7
97 48.1 39.9 59.9
132 23.4 19.5 29.3

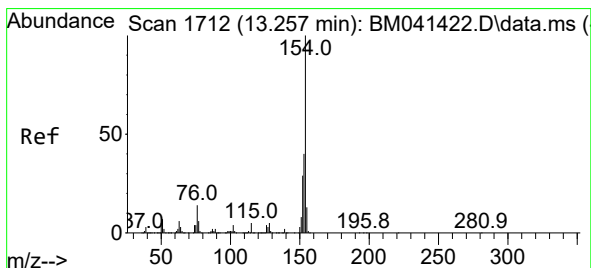
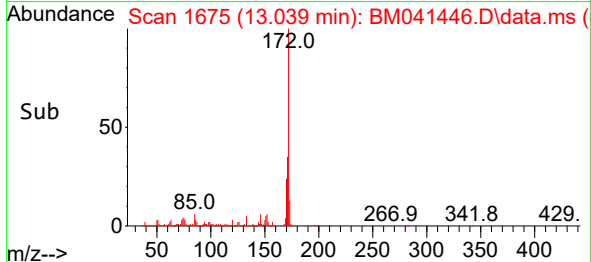
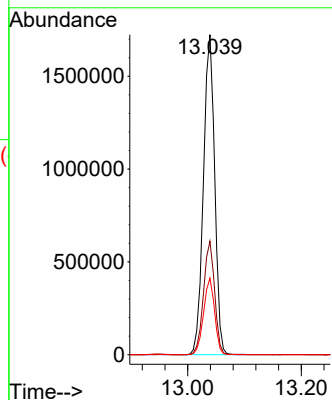
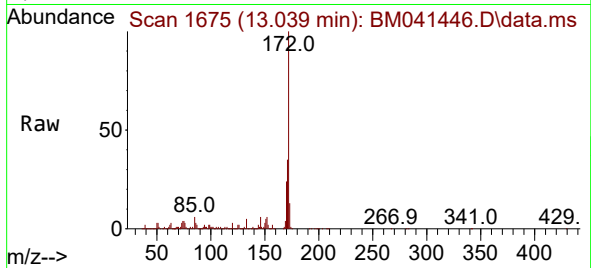




#45
2-Fluorobiphenyl
Concen: 71.374 ng
RT: 13.039 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

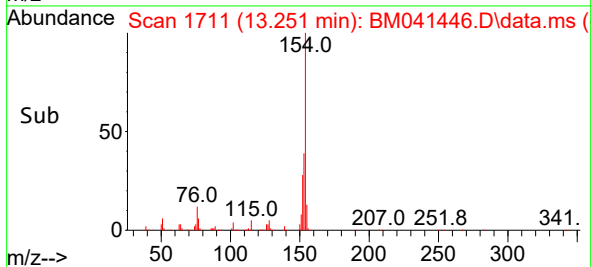
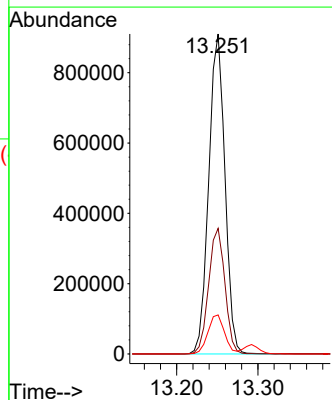
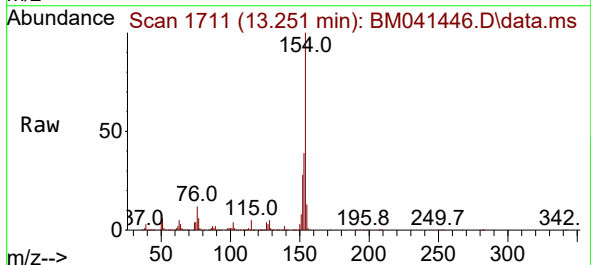
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

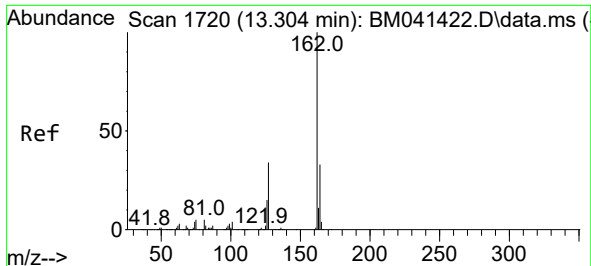
Tgt Ion:172 Resp: 2371880
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.9 19.0 28.6



#46
1,1'-Biphenyl
Concen: 37.451 ng
RT: 13.251 min Scan# 1711
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion:154 Resp: 1258634
Ion Ratio Lower Upper
154 100
153 39.3 20.4 60.4
76 12.2 0.0 33.6

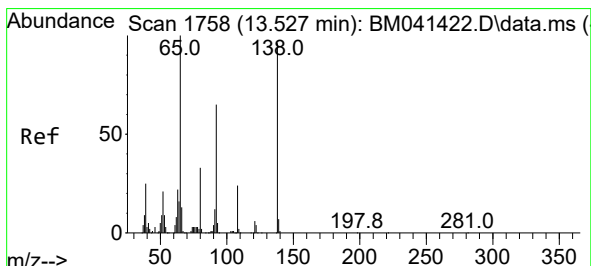
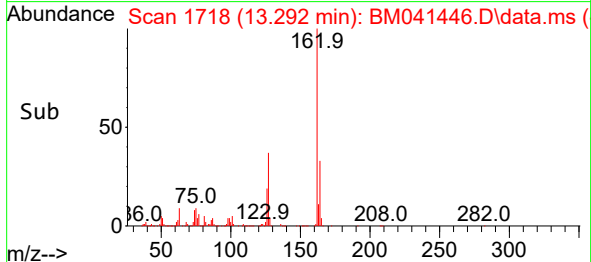
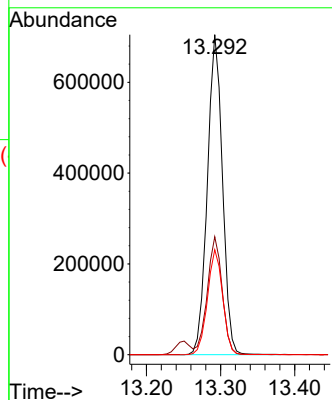
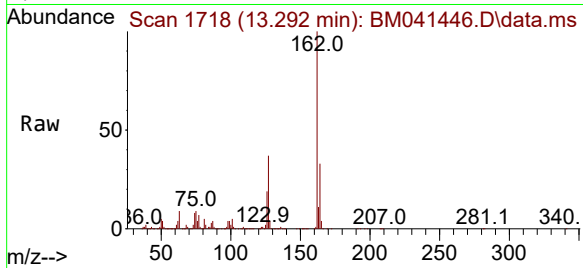




#47
2-Chloronaphthalene
Concen: 38.614 ng
RT: 13.292 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

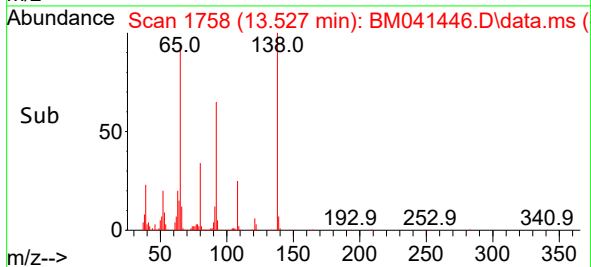
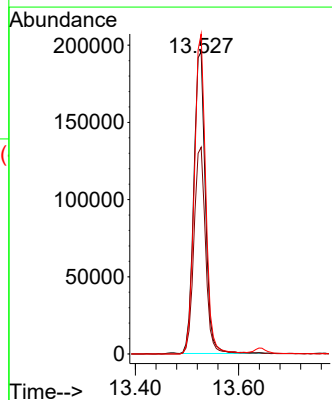
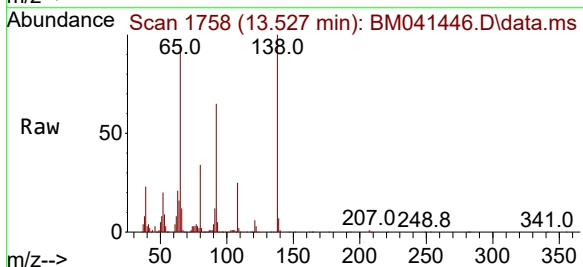
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

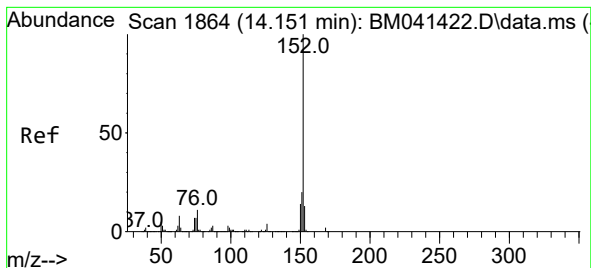
Tgt Ion:162 Resp: 997408
Ion Ratio Lower Upper
162 100
127 36.9 29.6 44.4
164 32.8 26.2 39.2



#48
2-Nitroaniline
Concen: 36.143 ng
RT: 13.527 min Scan# 1758
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion: 65 Resp: 305046
Ion Ratio Lower Upper
65 100
92 68.3 51.9 77.9
138 105.8 76.8 115.2





#49

Acenaphthylene

Concen: 38.593 ng

RT: 14.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

ETGI-340MSD

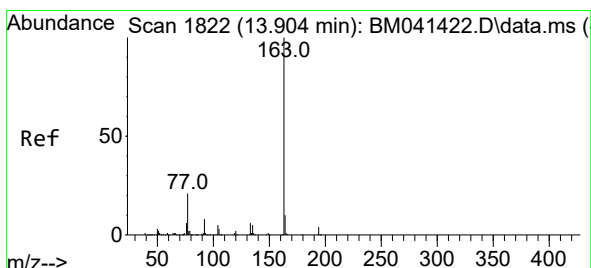
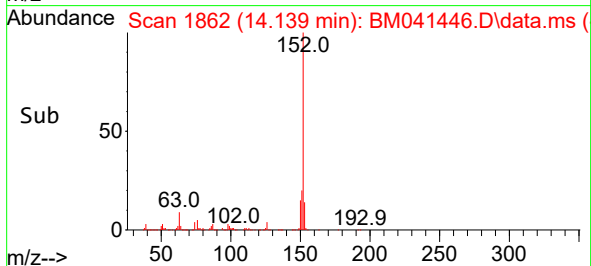
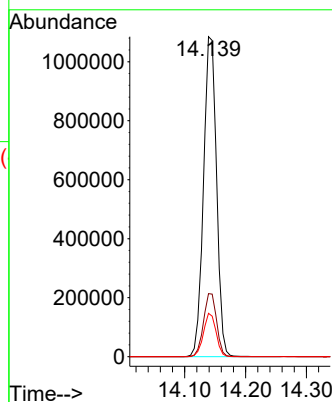
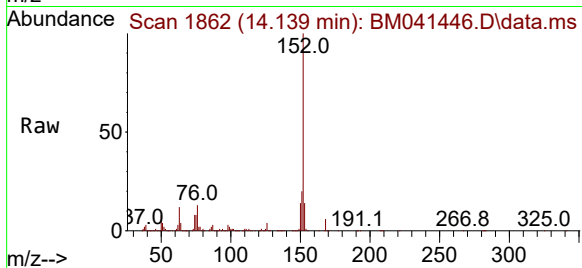
Tgt Ion:152 Resp: 1615362

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 13.6 10.2 15.2



#50

Dimethylphthalate

Concen: 37.967 ng

RT: 13.892 min Scan# 1820

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

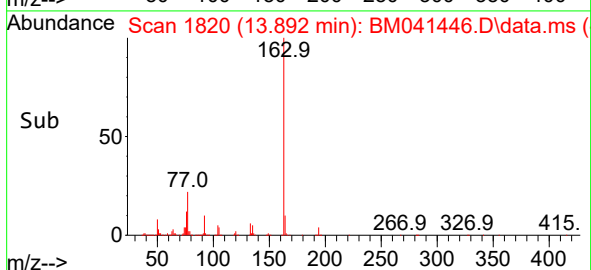
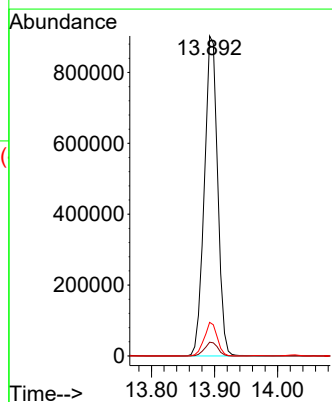
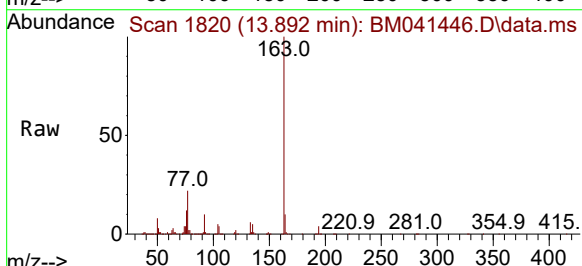
Tgt Ion:163 Resp: 1320220

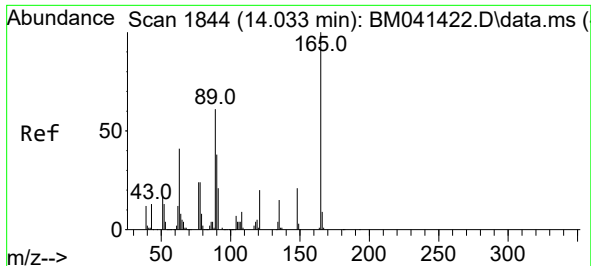
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.5 8.1 12.1

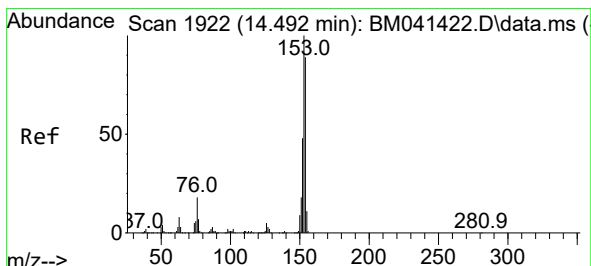
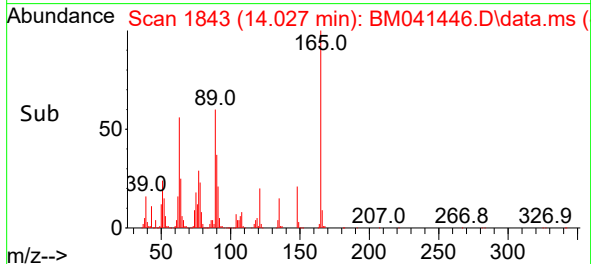
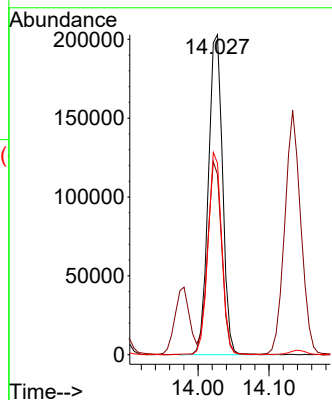
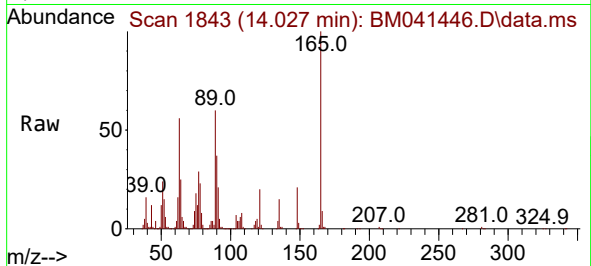




#51
2,6-Dinitrotoluene
Concen: 37.937 ng
RT: 14.027 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

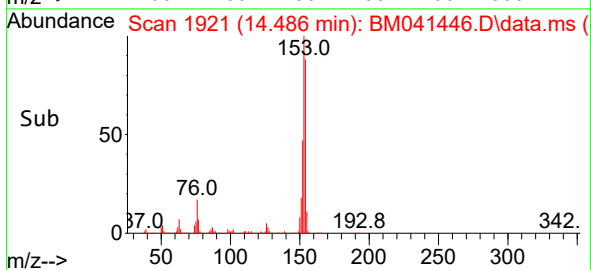
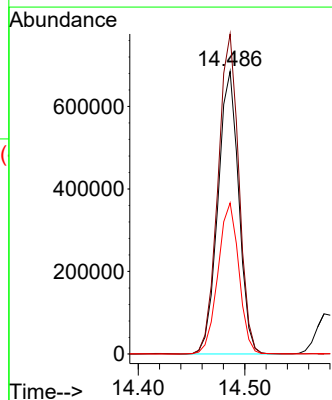
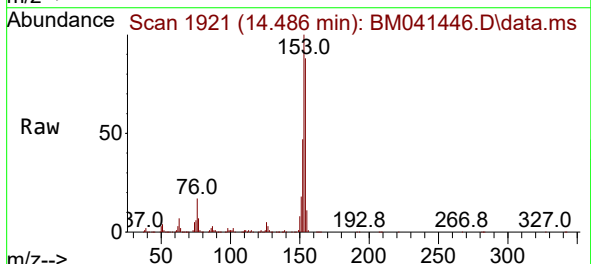
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

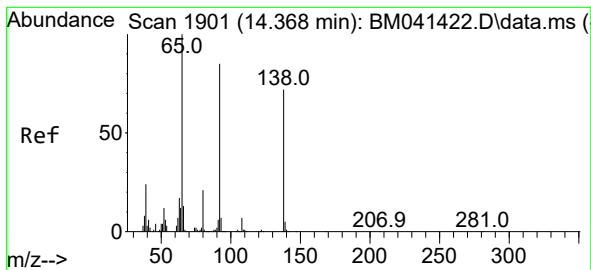
Tgt Ion:165 Resp: 282710
Ion Ratio Lower Upper
165 100
63 56.4 49.5 74.3
89 59.8 49.4 74.0



#52
Acenaphthene
Concen: 37.010 ng
RT: 14.486 min Scan# 1921
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion:154 Resp: 926515
Ion Ratio Lower Upper
154 100
153 113.2 90.4 135.6
152 53.4 43.1 64.7

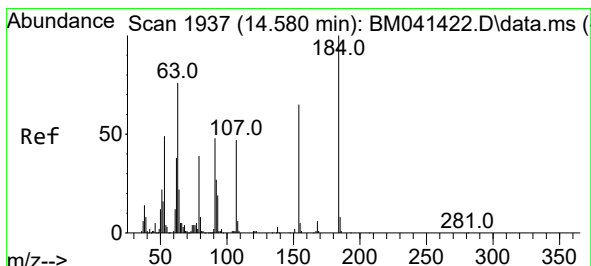
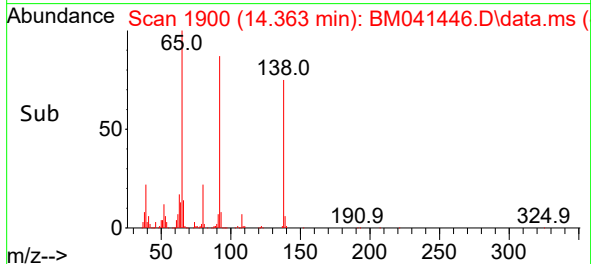
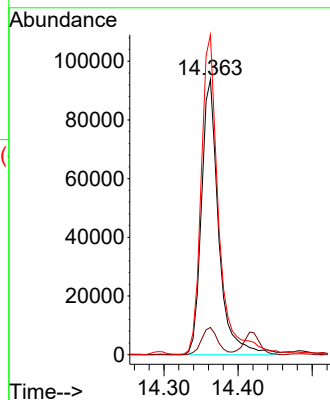
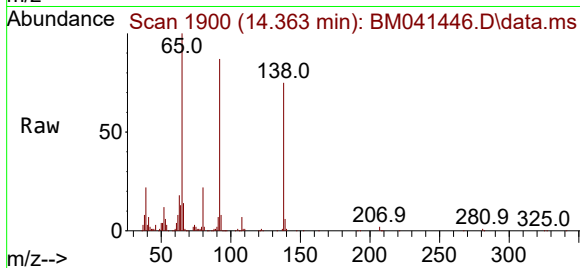




#53
3-Nitroaniline
Concen: 20.407 ng
RT: 14.363 min Scan# 1900
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

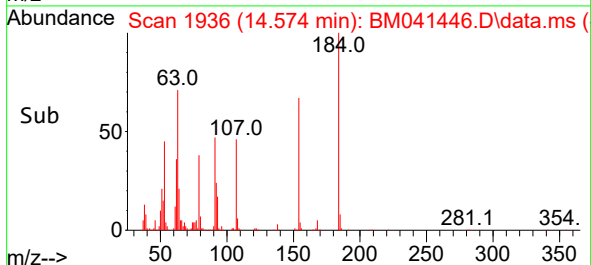
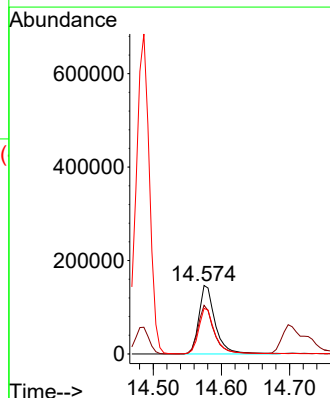
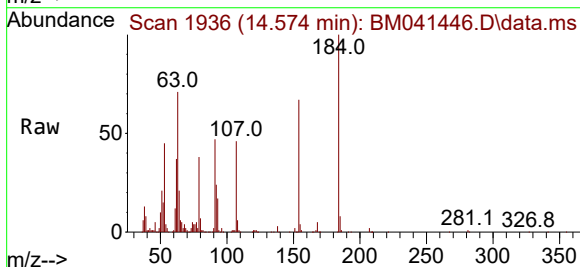
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

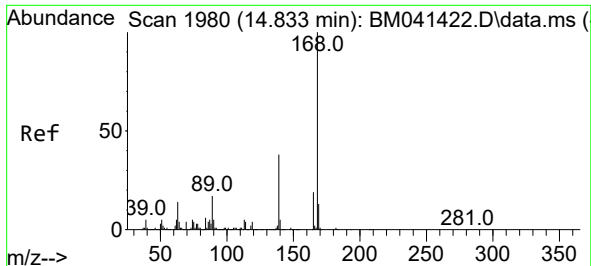
Tgt Ion:138 Resp: 151666
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 116.3 95.1 142.7



#54
2,4-Dinitrophenol
Concen: 52.316 ng
RT: 14.574 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion:184 Resp: 243854
Ion Ratio Lower Upper
184 100
63 71.2 61.1 91.7
154 66.6 52.4 78.6

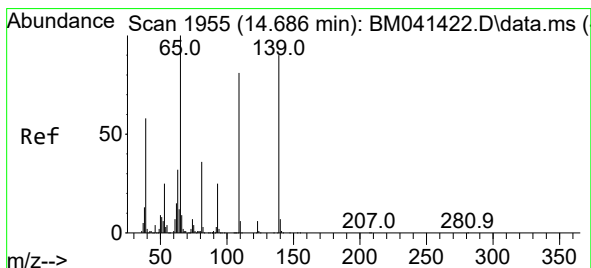
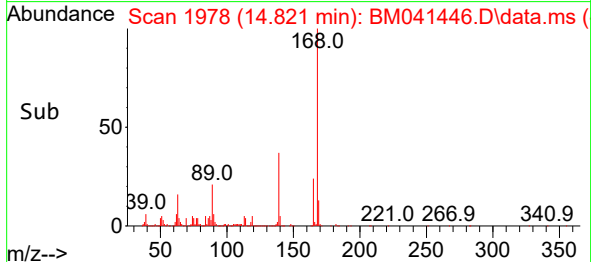
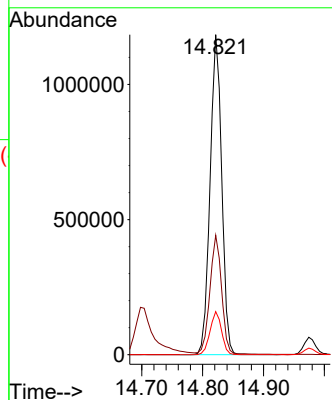
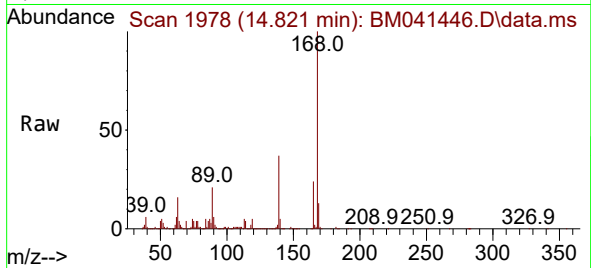




#55
Dibenzofuran
Concen: 37.448 ng
RT: 14.821 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

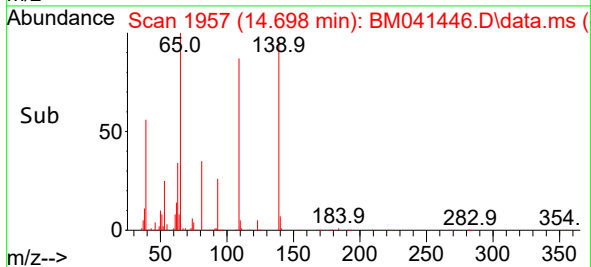
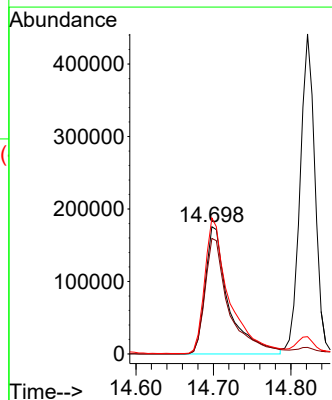
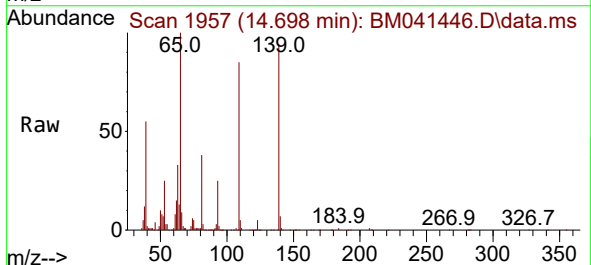
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

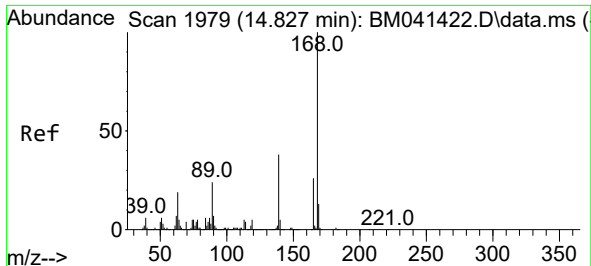
Tgt Ion:168 Resp: 1572046
Ion Ratio Lower Upper
168 100
139 37.3 30.2 45.2
169 13.5 10.5 15.7



#56
4-Nitrophenol
Concen: 65.888 ng
RT: 14.698 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion:139 Resp: 368727
Ion Ratio Lower Upper
139 100
109 90.8 70.6 110.6
65 106.9 91.8 131.8





#57

2,4-Dinitrotoluene

Concen: 38.711 ng

RT: 14.821 min Scan# 1979

Delta R.T. 0.006 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

ETGI-340MSD

Tgt Ion:165 Resp: 394246

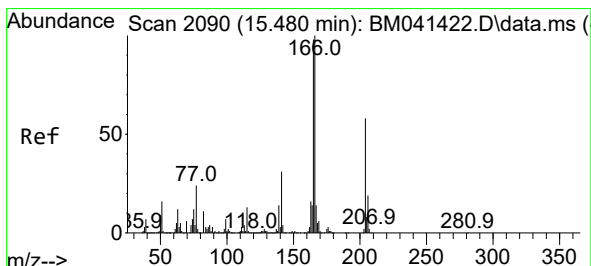
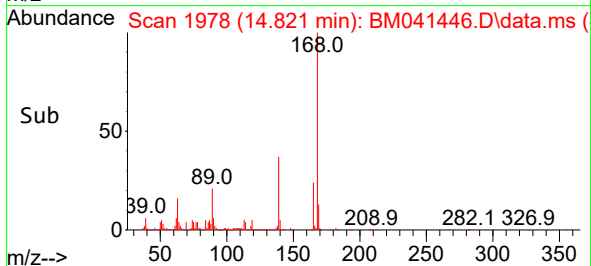
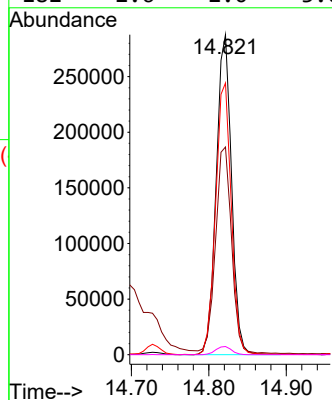
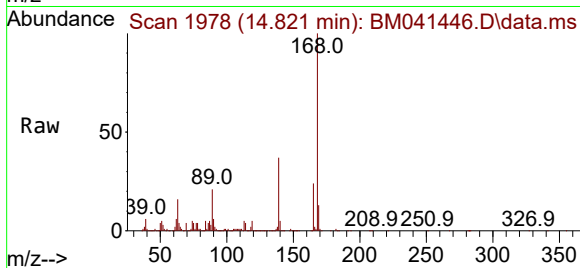
Ion Ratio Lower Upper

165 100

63 64.9 56.8 85.2

89 84.9 73.4 110.0

182 2.6 2.0 3.0



#58

Fluorene

Concen: 37.639 ng

RT: 15.474 min Scan# 2089

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

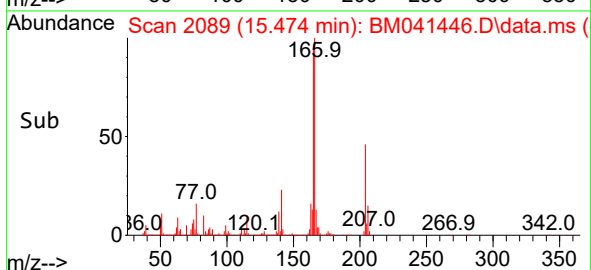
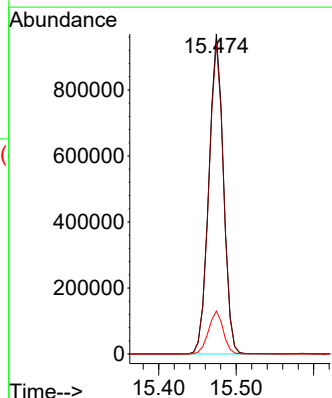
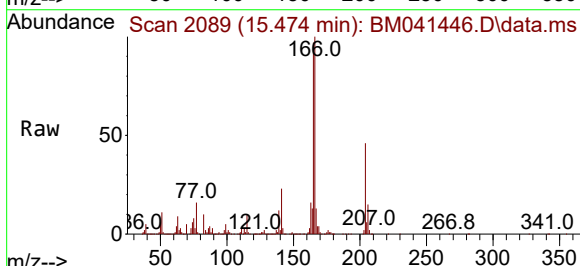
Tgt Ion:166 Resp: 1266278

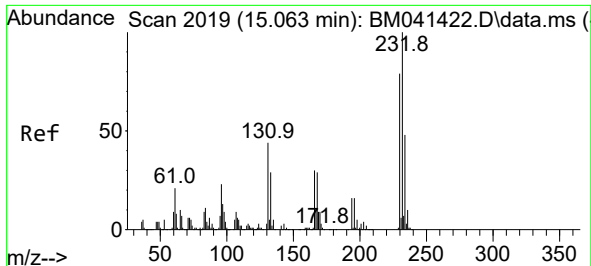
Ion Ratio Lower Upper

166 100

165 97.3 78.2 117.4

167 13.4 11.2 16.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.363 ng

RT: 15.057 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

ETGI-340MSD

Tgt Ion:232 Resp: 376562

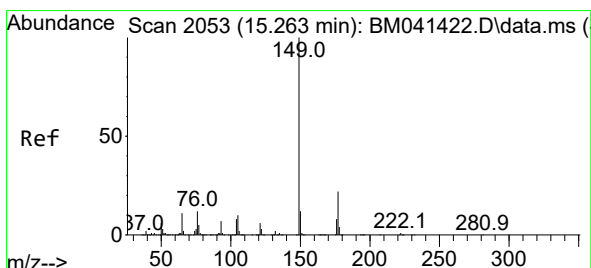
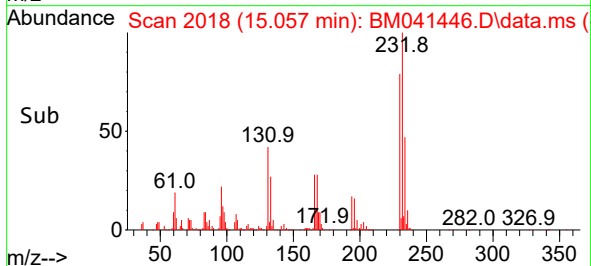
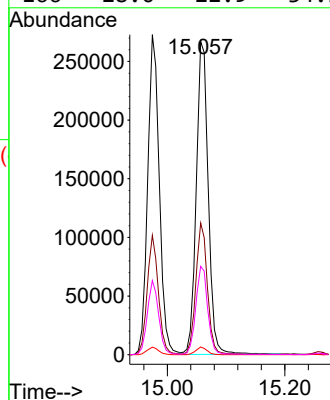
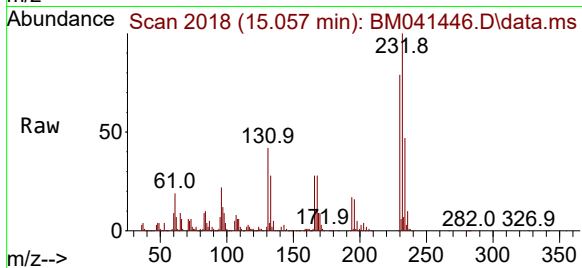
Ion Ratio Lower Upper

232 100

131 40.4 34.7 52.1

130 2.3 1.9 2.9

166 28.0 22.9 34.3



#60

Diethylphthalate

Concen: 36.787 ng

RT: 15.257 min Scan# 2052

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

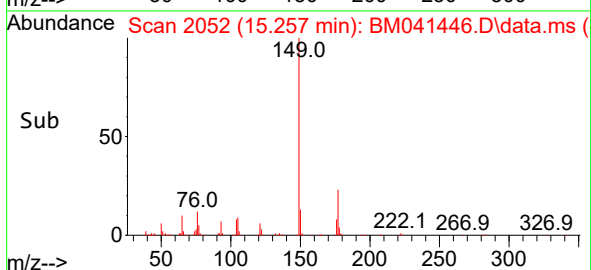
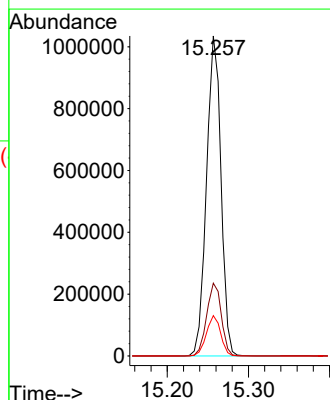
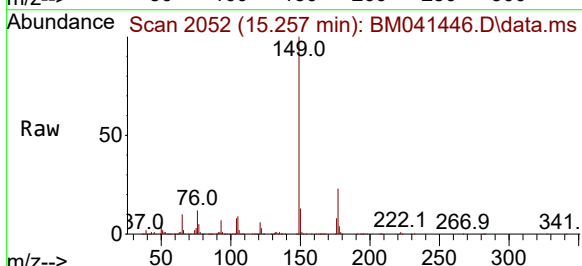
Tgt Ion:149 Resp: 1278051

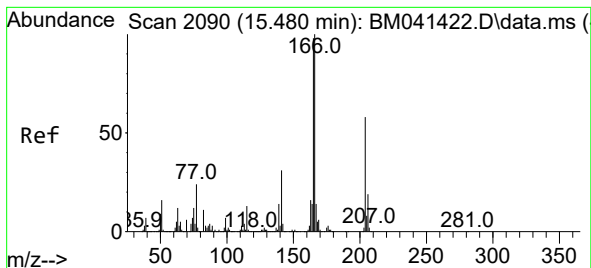
Ion Ratio Lower Upper

149 100

177 22.8 17.8 26.8

150 12.6 9.8 14.8

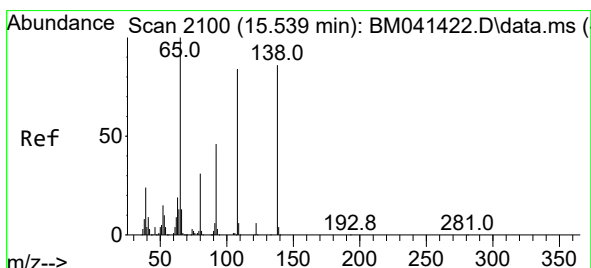
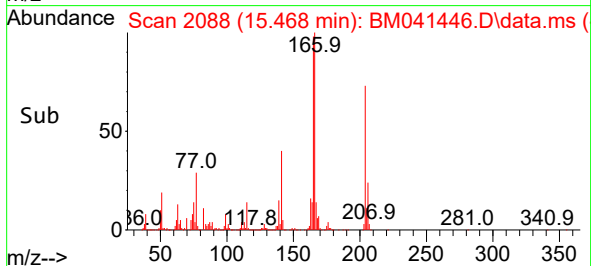
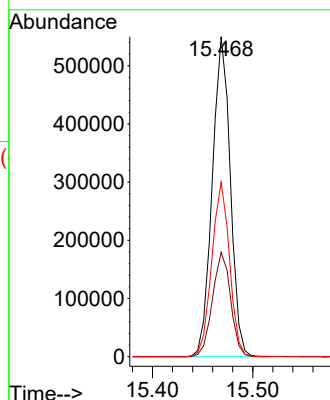
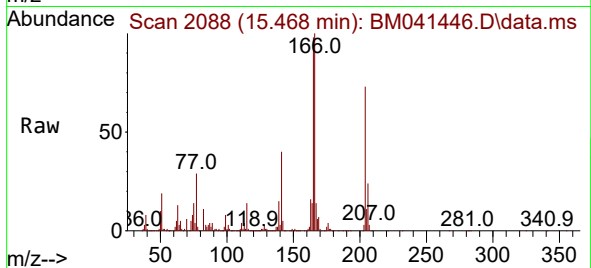




#61
4-Chlorophenyl-phenylether
Concen: 37.821 ng
RT: 15.468 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

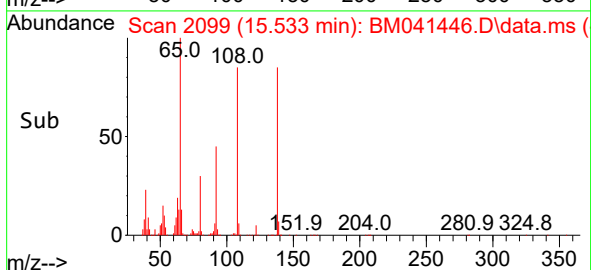
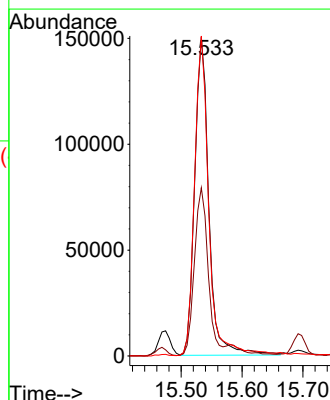
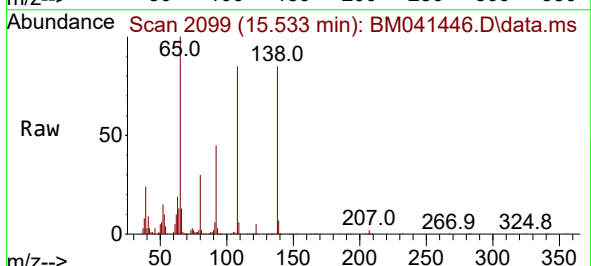
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

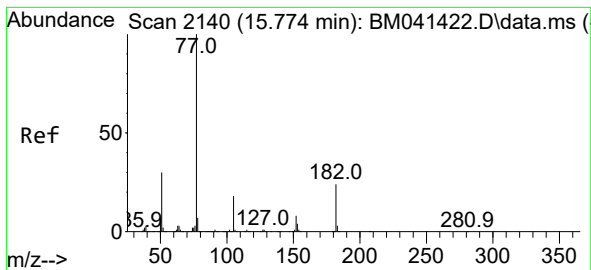
Tgt Ion:204 Resp: 685992
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 54.5 42.9 64.3



#62
4-Nitroaniline
Concen: 35.782 ng
RT: 15.533 min Scan# 2099
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion:138 Resp: 242599
Ion Ratio Lower Upper
138 100
92 52.7 33.5 73.5
108 100.4 76.6 116.6





#63

Azobenzene

Concen: 36.315 ng

RT: 15.763 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

ETGI-340MSD

Tgt Ion: 77 Resp: 1271182

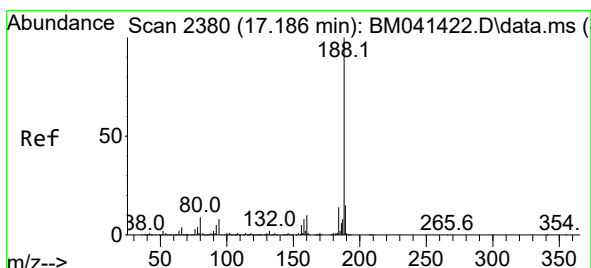
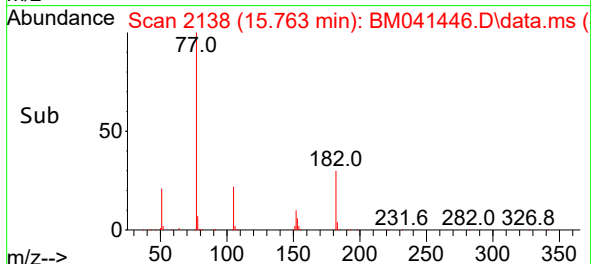
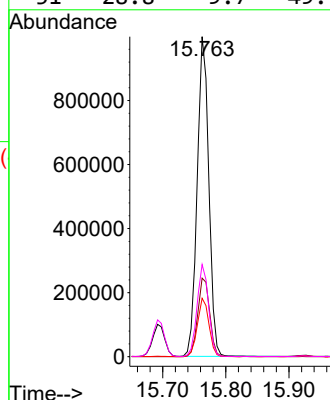
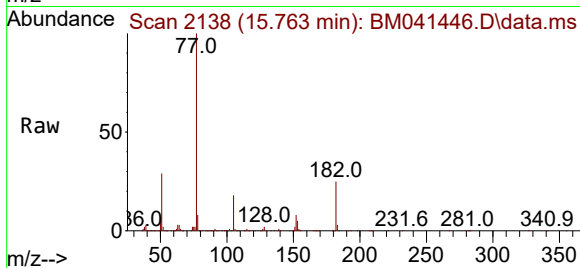
Ion Ratio Lower Upper

77 100

182 24.5 3.7 43.7

105 18.2 0.0 37.7

51 28.8 9.7 49.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.180 min Scan# 2379

Delta R.T. 0.006 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

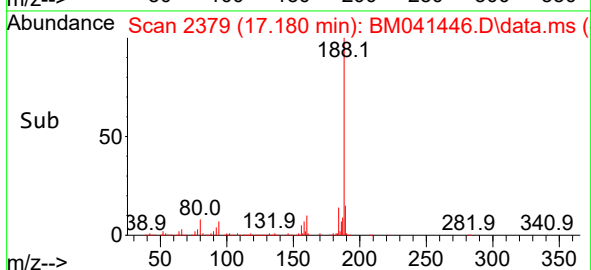
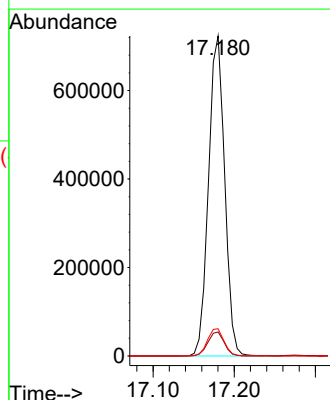
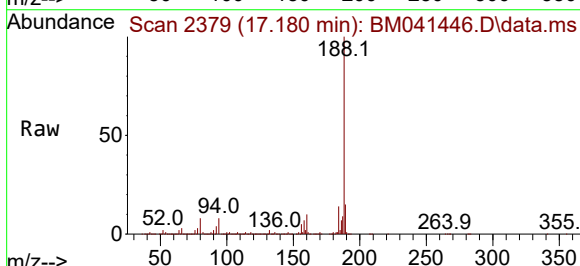
Tgt Ion:188 Resp: 999121

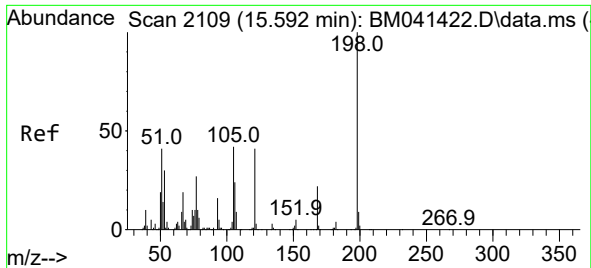
Ion Ratio Lower Upper

188 100

94 7.5 6.6 9.8

80 8.5 7.5 11.3

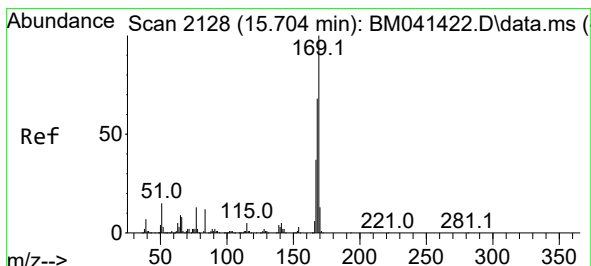
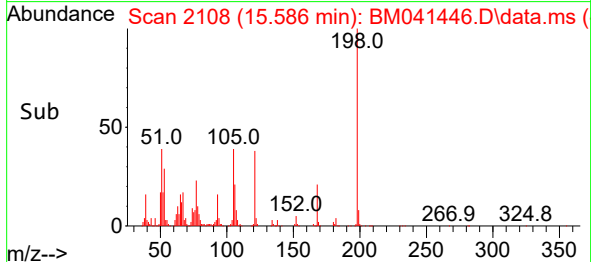
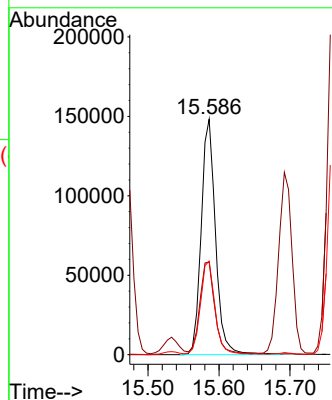
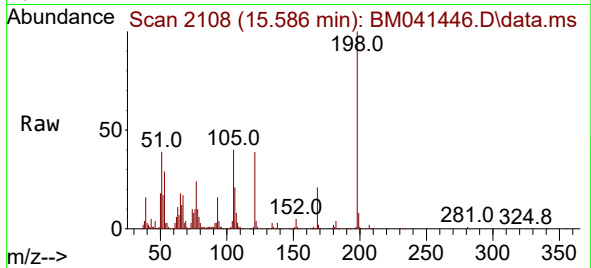




#65
4,6-Dinitro-2-methylphenol
Concen: 32.617 ng
RT: 15.586 min Scan# 2108
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

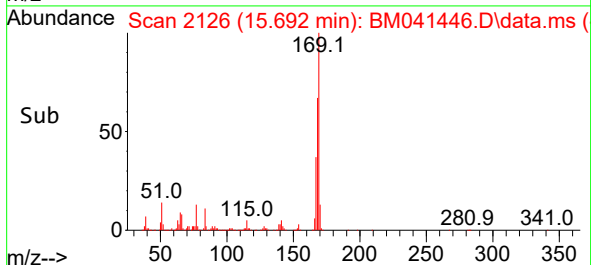
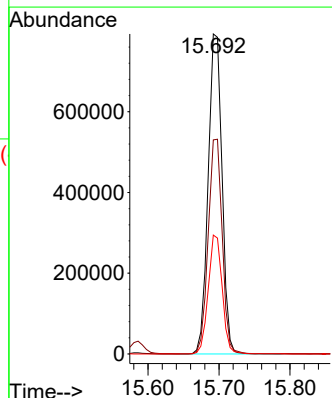
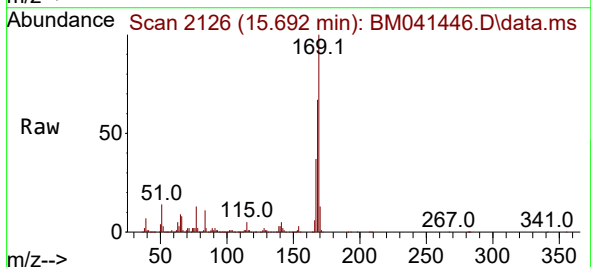
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

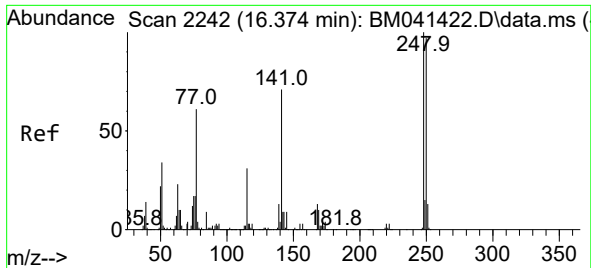
Tgt Ion:198 Resp: 208610
Ion Ratio Lower Upper
198 100
51 39.4 23.2 63.2
105 39.6 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 36.741 ng
RT: 15.692 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion:169 Resp: 1080567
Ion Ratio Lower Upper
169 100
168 66.9 54.5 81.7
167 37.2 29.9 44.9

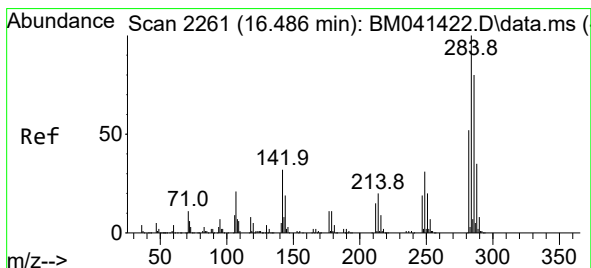
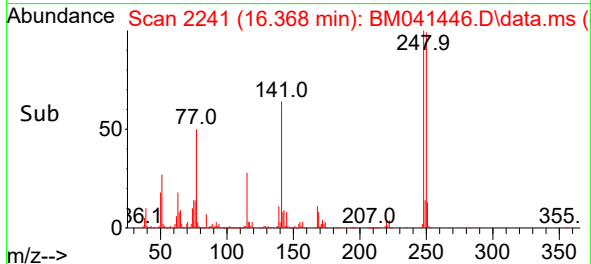
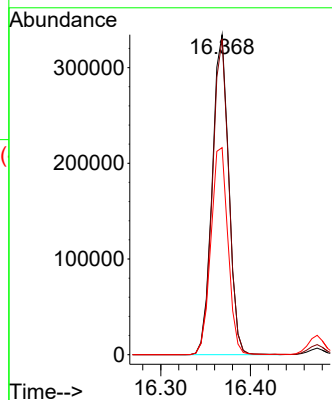
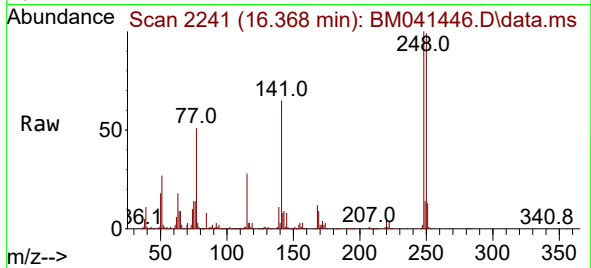




#67
4-Bromophenyl-phenylether
Concen: 37.337 ng
RT: 16.368 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

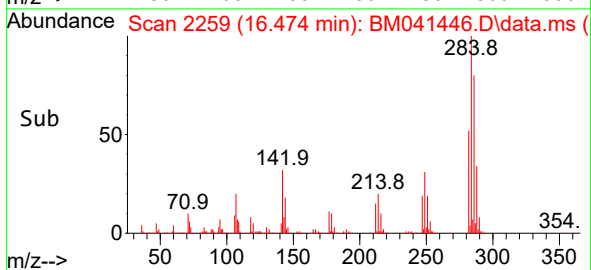
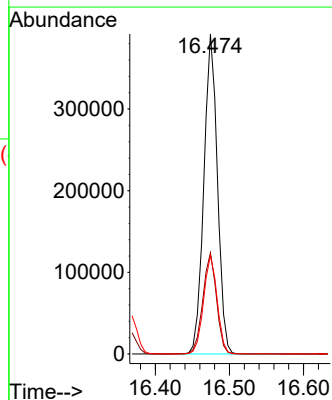
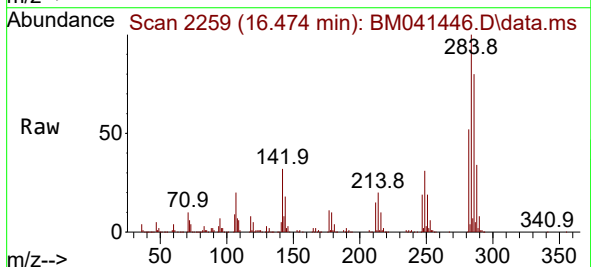
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

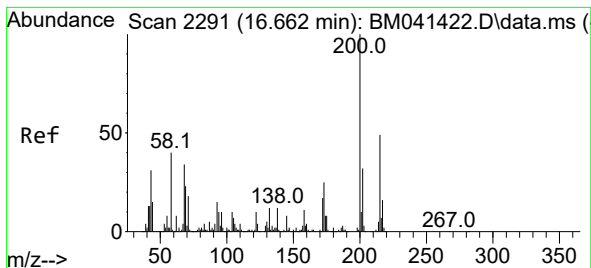
Tgt Ion:248 Resp: 427488
Ion Ratio Lower Upper
248 100
250 98.7 77.6 116.4
141 64.7 56.7 85.1



#68
Hexachlorobenzene
Concen: 39.885 ng
RT: 16.474 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion:284 Resp: 498358
Ion Ratio Lower Upper
284 100
142 31.7 25.4 38.2
249 30.8 24.4 36.6





#69

Atrazine

Concen: 49.931 ng

RT: 16.657 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

ETGI-340MSD

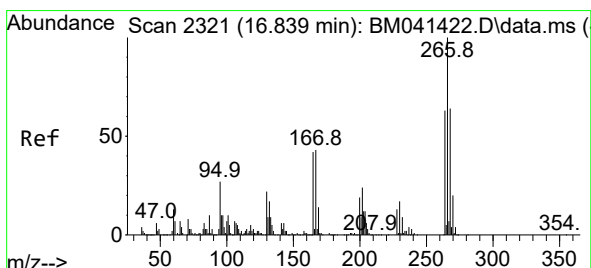
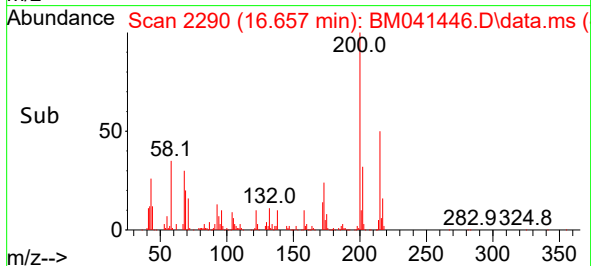
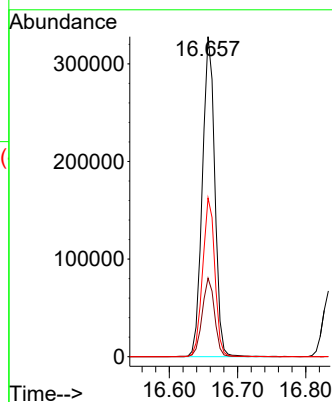
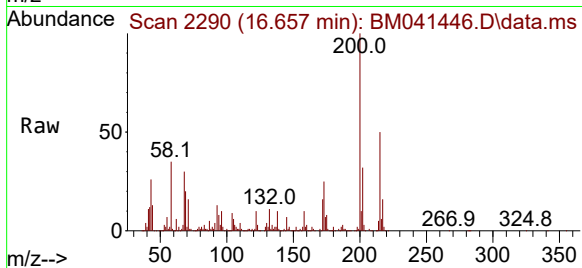
Tgt Ion:200 Resp: 416731

Ion Ratio Lower Upper

200 100

173 24.6 4.7 44.7

215 49.6 29.4 69.4



#70

Pentachlorophenol

Concen: 63.195 ng

RT: 16.833 min Scan# 2320

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

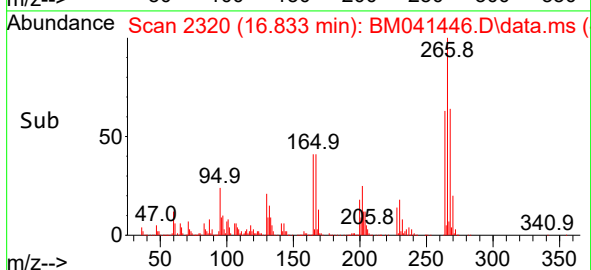
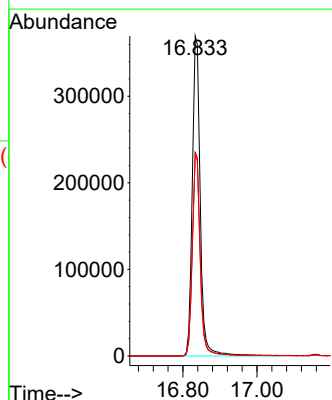
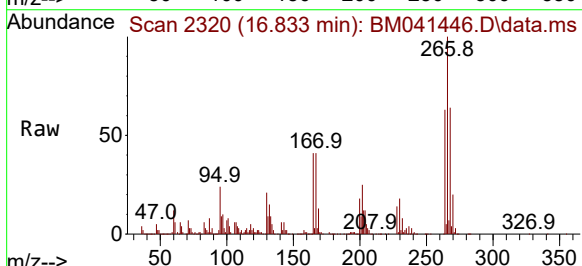
Tgt Ion:266 Resp: 552924

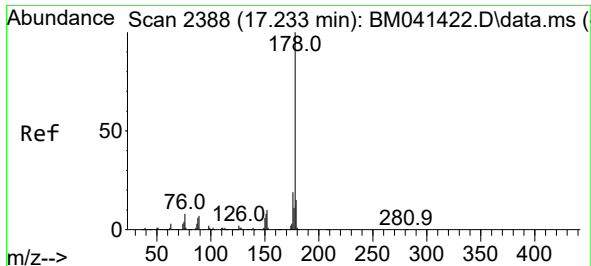
Ion Ratio Lower Upper

266 100

268 63.5 50.9 76.3

264 63.0 50.2 75.2

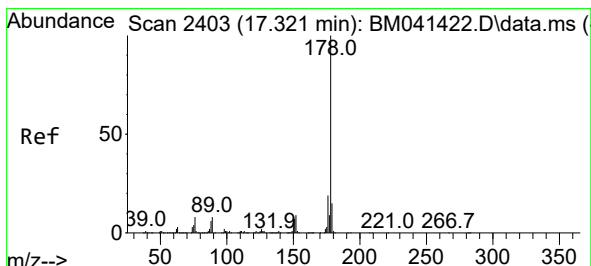
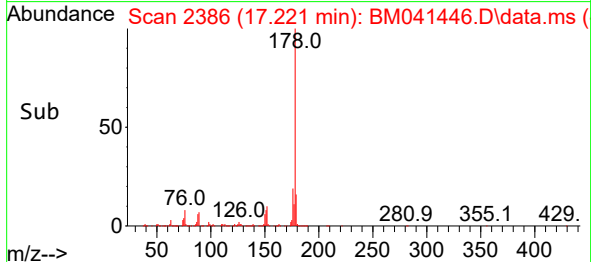
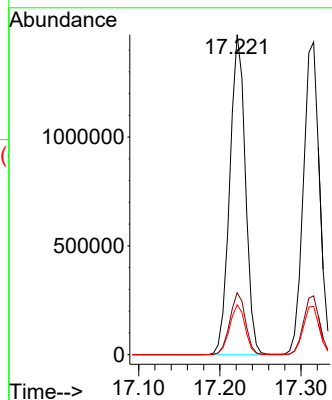
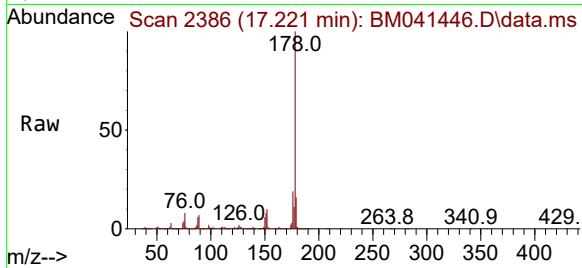




#71
Phenanthrene
Concen: 37.308 ng
RT: 17.221 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

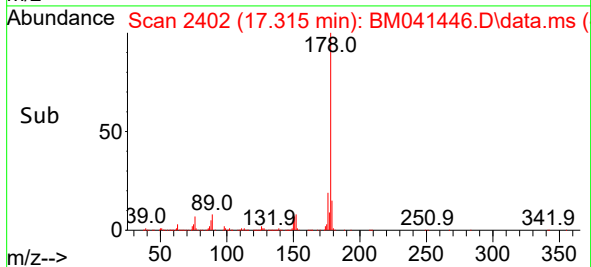
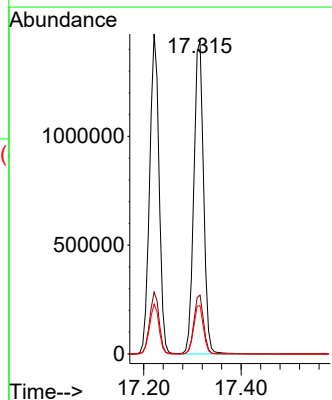
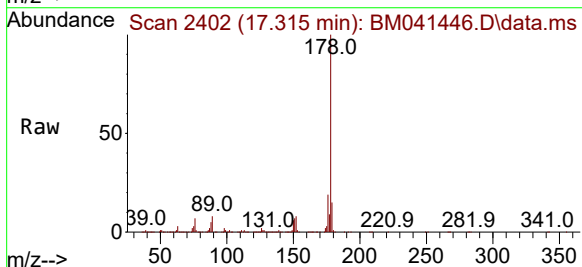
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

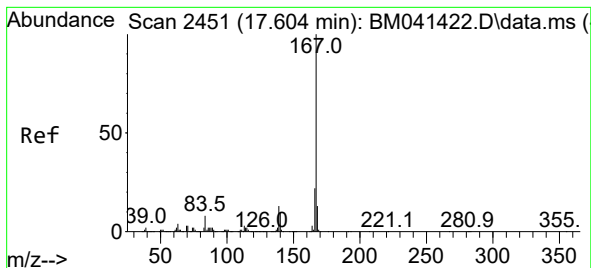
Tgt Ion:178 Resp: 1967625
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.2 18.4



#72
Anthracene
Concen: 37.430 ng
RT: 17.315 min Scan# 2402
Delta R.T. 0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion:178 Resp: 2001777
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.5 12.2 18.2





#73

Carbazole

Concen: 37.679 ng

RT: 17.598 min Scan# 2451

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

ETGI-340MSD

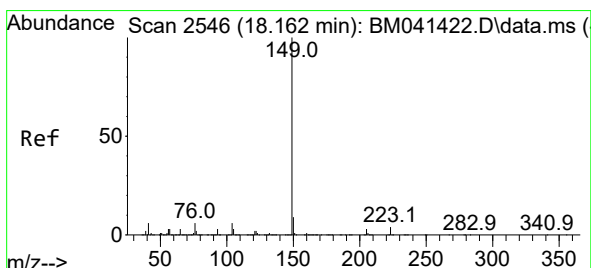
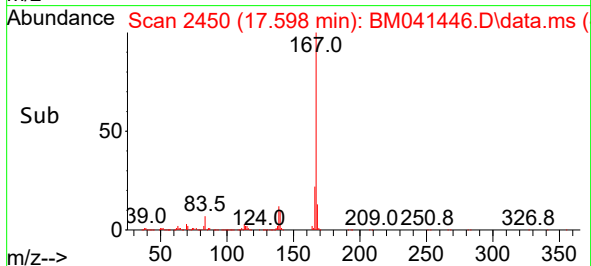
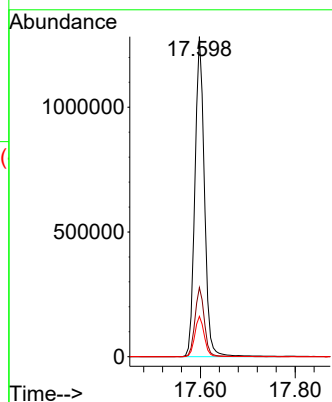
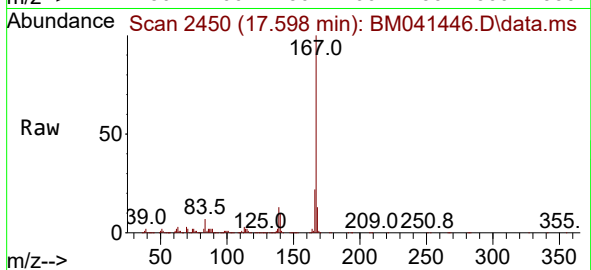
Tgt Ion:167 Resp: 1792944

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 12.6 10.2 15.2



#74

Di-n-butylphthalate

Concen: 37.357 ng

RT: 18.151 min Scan# 2544

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

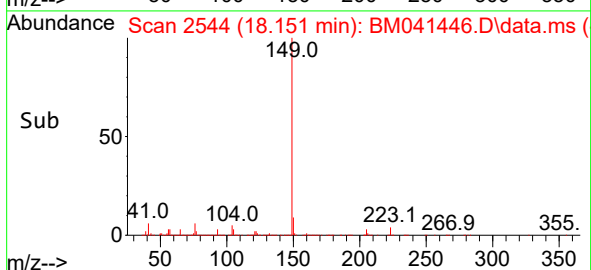
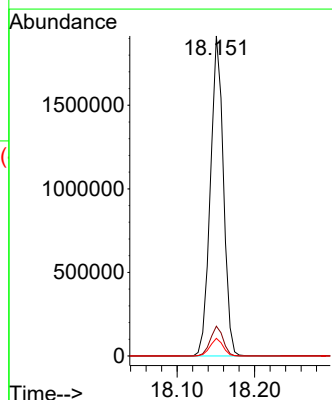
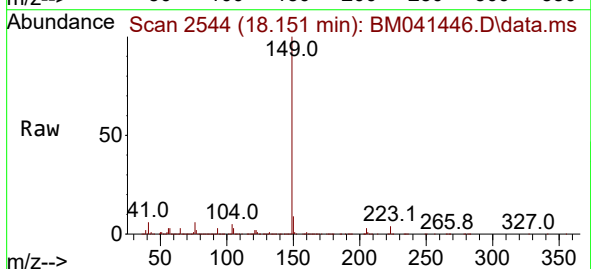
Tgt Ion:149 Resp: 2233179

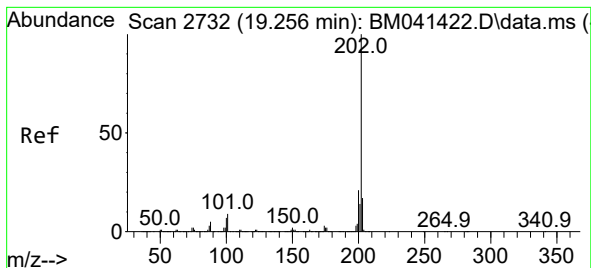
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.5 4.5 6.7





#75

Fluoranthene

Concen: 37.719 ng

RT: 19.245 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

ETGI-340MSD

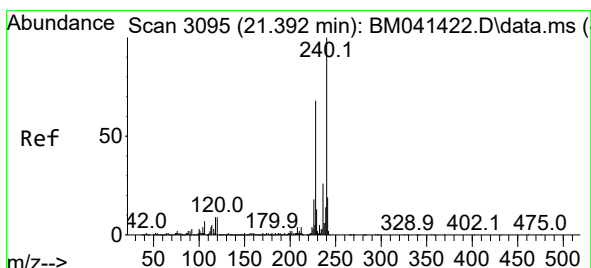
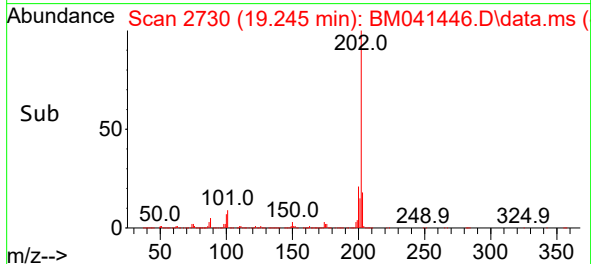
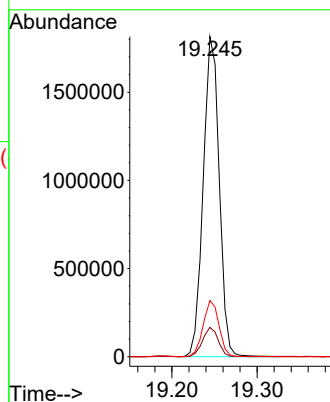
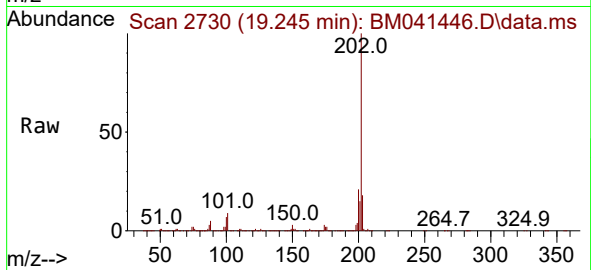
Tgt Ion:202 Resp: 2368378

Ion Ratio Lower Upper

202 100

101 9.1 0.0 29.1

203 17.5 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

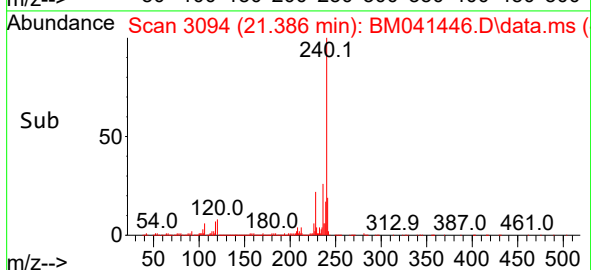
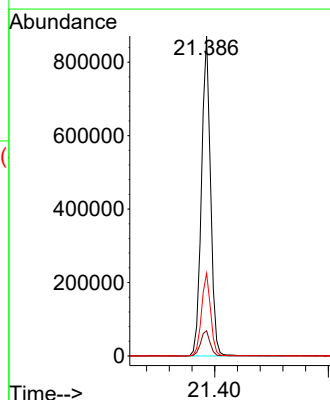
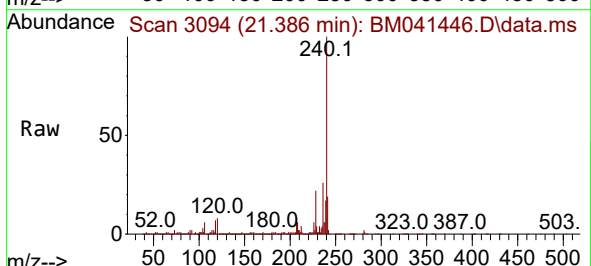
Tgt Ion:240 Resp: 966597

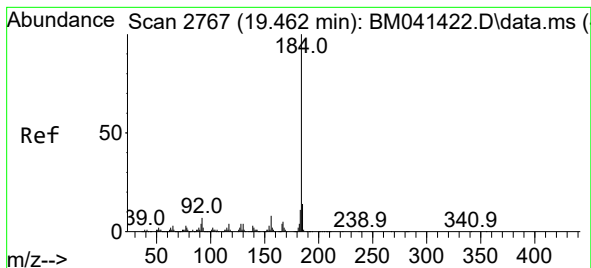
Ion Ratio Lower Upper

240 100

120 7.9 7.4 11.2

236 25.9 20.8 31.2





#77

Benzidine

Concen: 40.006 ng

RT: 19.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

ETGI-340MSD

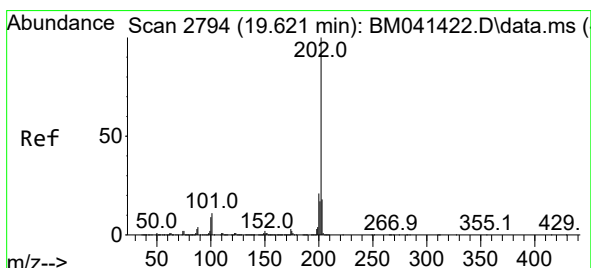
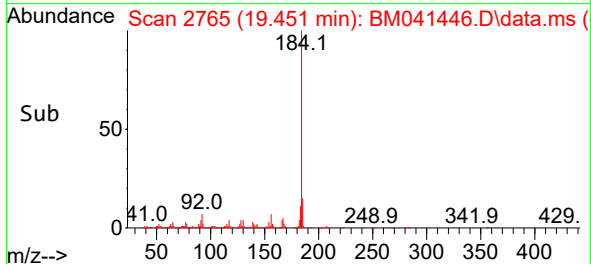
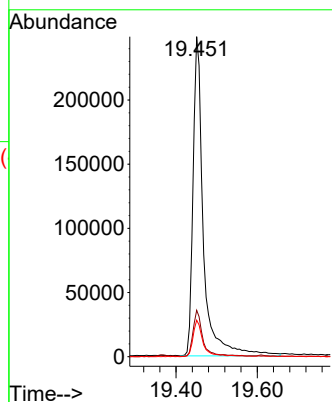
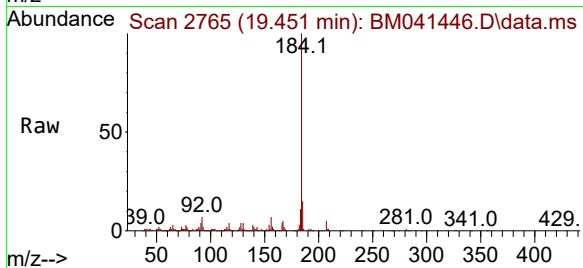
Tgt Ion:184 Resp: 443248

Ion Ratio Lower Upper

184 100

185 14.5 11.4 17.0

183 11.4 8.8 13.2



#78

Pyrene

Concen: 35.746 ng

RT: 19.609 min Scan# 2792

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

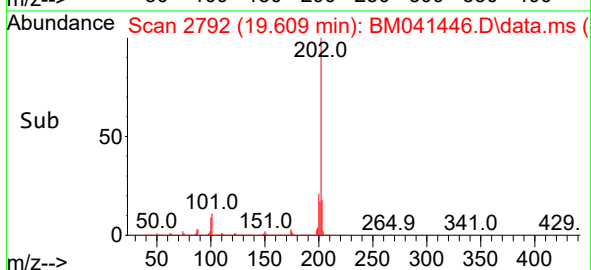
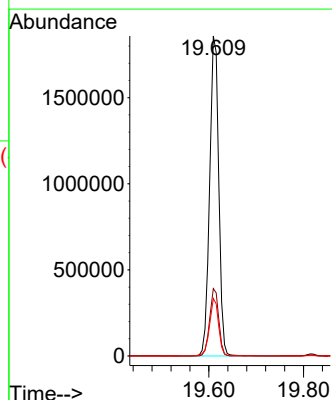
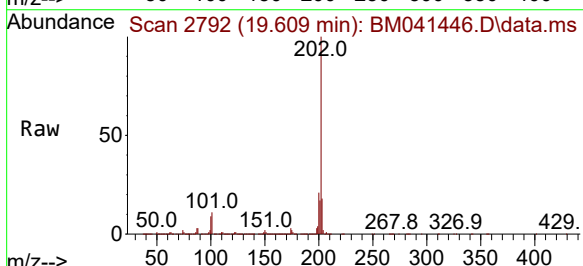
Tgt Ion:202 Resp: 2471062

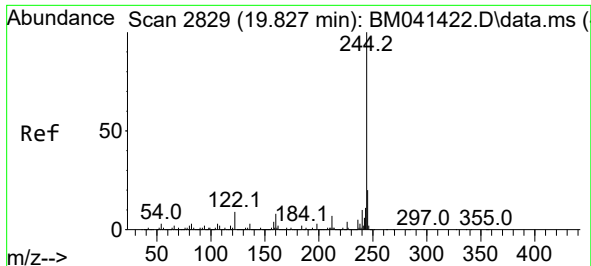
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.9 14.1 21.1

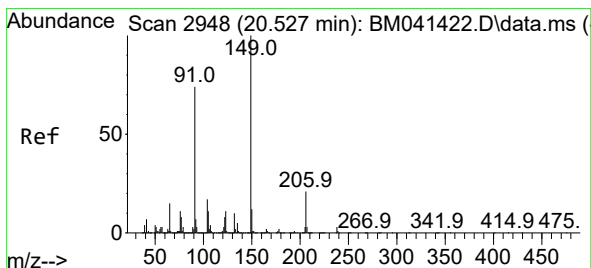
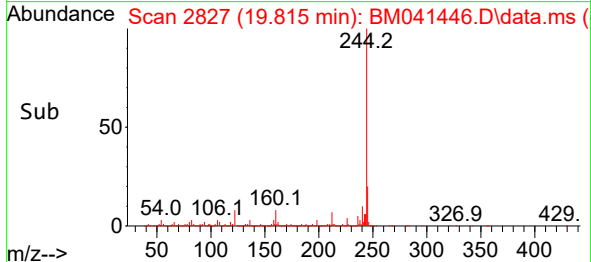
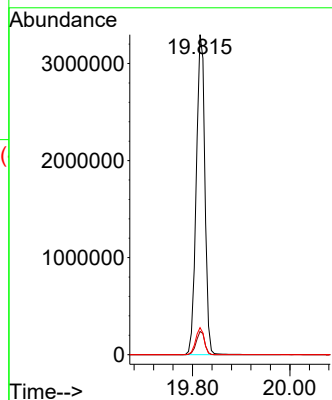
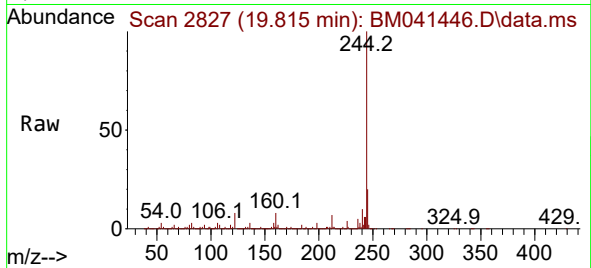




#79
 Terphenyl-d14
 Concen: 73.186 ng
 RT: 19.815 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM041446.D
 Acq: 21 Aug 2023 13:50

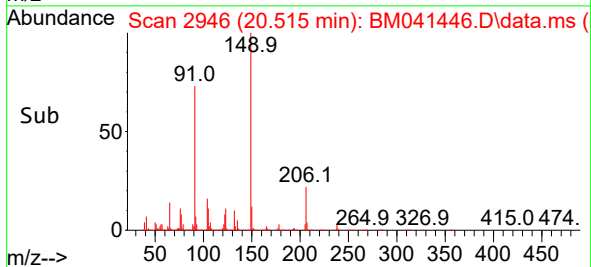
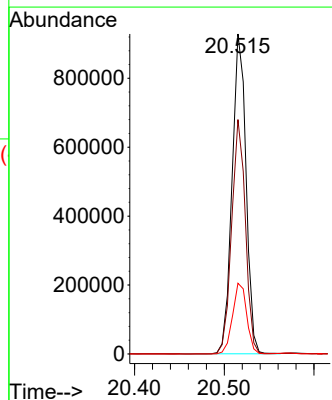
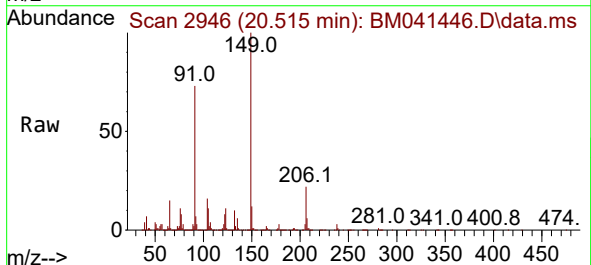
Instrument :
 BNA_M
 ClientSampleId :
 ETGI-340MSD

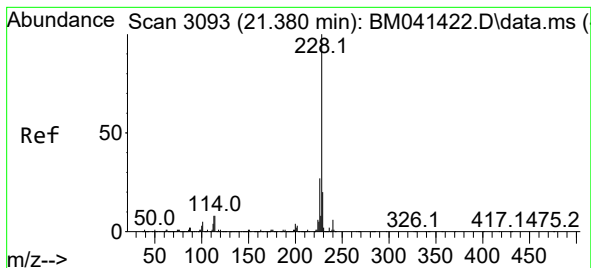
Tgt Ion:244 Resp: 4065213
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.5 6.9 10.3



#80
 Butylbenzylphthalate
 Concen: 36.124 ng
 RT: 20.515 min Scan# 2946
 Delta R.T. 0.000 min
 Lab File: BM041446.D
 Acq: 21 Aug 2023 13:50

Tgt Ion:149 Resp: 1000200
 Ion Ratio Lower Upper
 149 100
 91 73.3 59.3 88.9
 206 22.1 17.0 25.6





#81

Benzo(a)anthracene

Concen: 37.805 ng

RT: 21.368 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

ETGI-340MSD

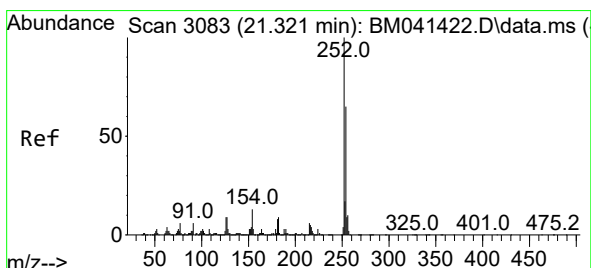
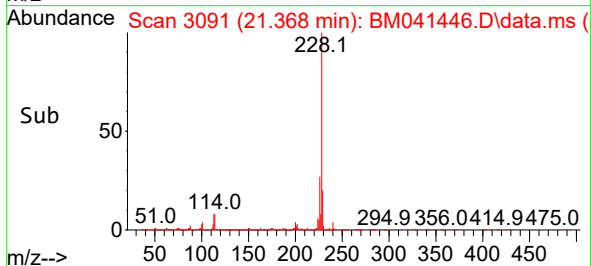
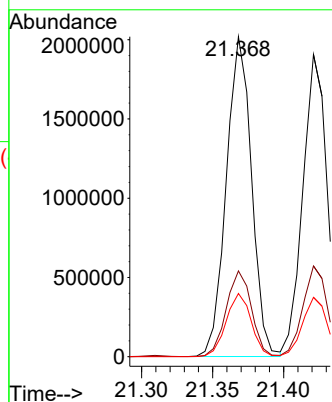
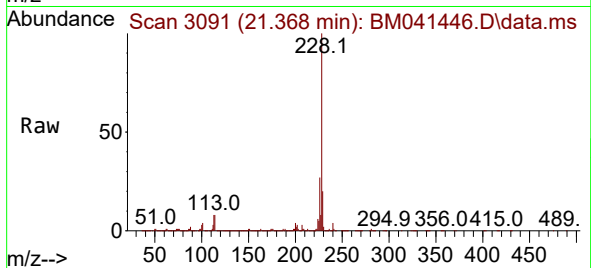
Tgt Ion:228 Resp: 2495430

Ion Ratio Lower Upper

228 100

226 26.8 21.6 32.4

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 23.740 ng

RT: 21.309 min Scan# 3081

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

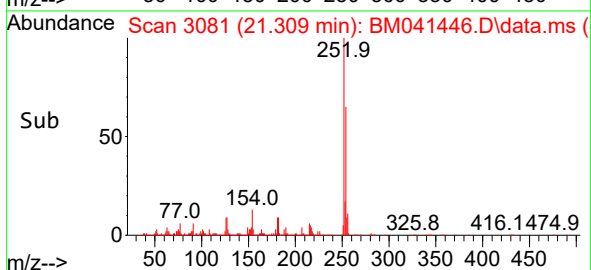
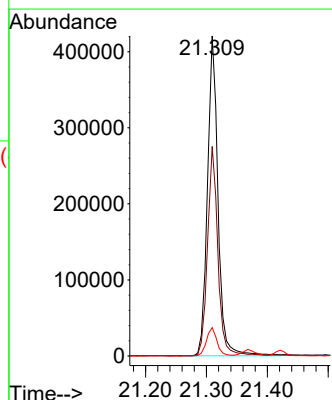
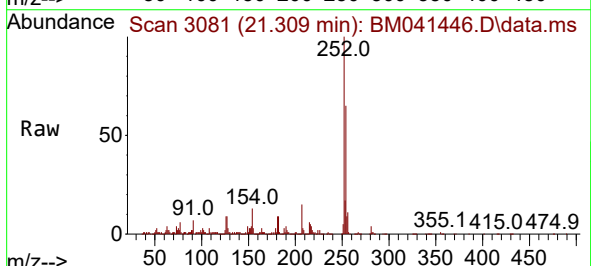
Tgt Ion:252 Resp: 506822

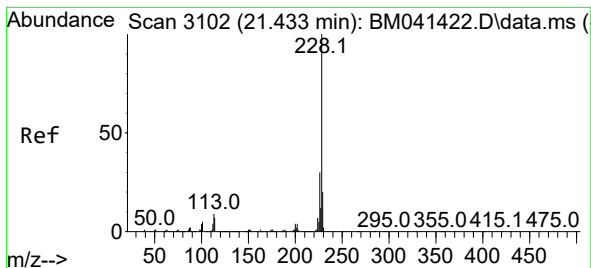
Ion Ratio Lower Upper

252 100

254 65.5 51.6 77.4

126 8.9 7.3 10.9





#83

Chrysene

Concen: 36.273 ng

RT: 21.421 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

ETGI-340MSD

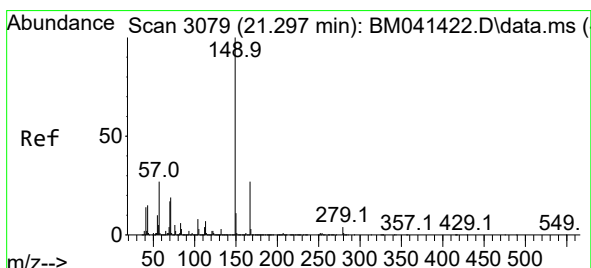
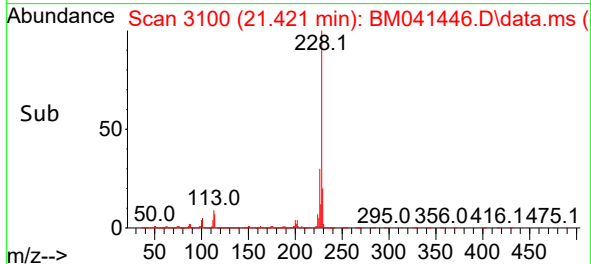
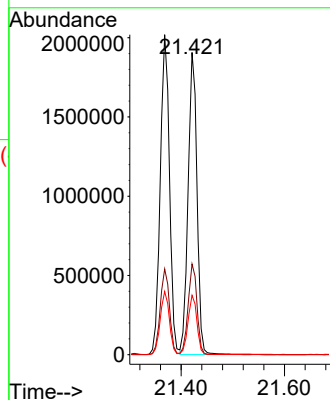
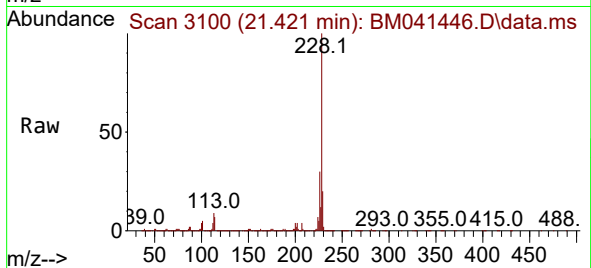
Tgt Ion:228 Resp: 2275857

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.824 ng

RT: 21.292 min Scan# 3078

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

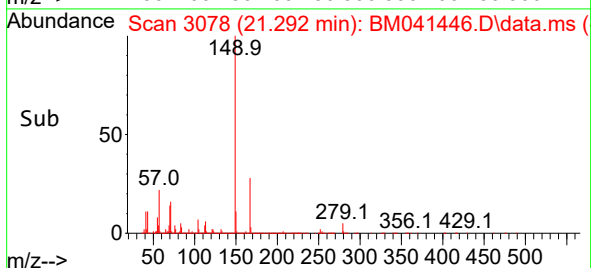
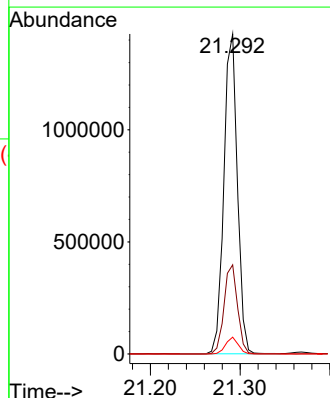
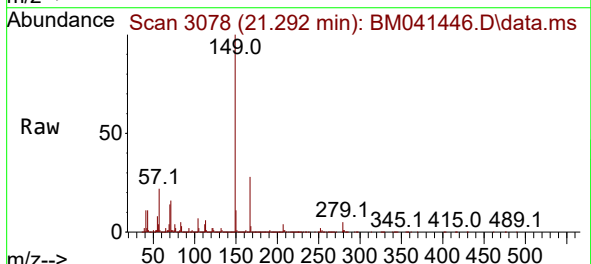
Tgt Ion:149 Resp: 1487855

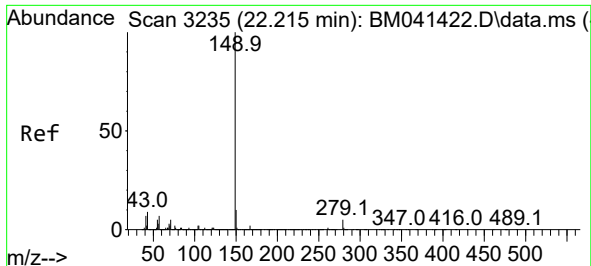
Ion Ratio Lower Upper

149 100

167 27.8 21.5 32.3

279 5.2 3.1 4.7#

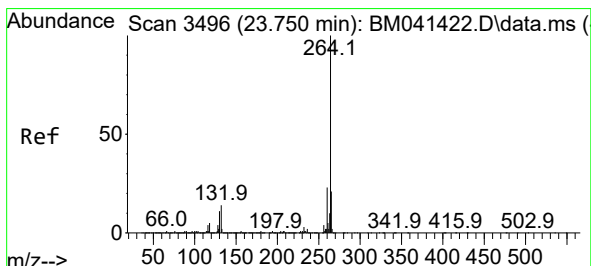
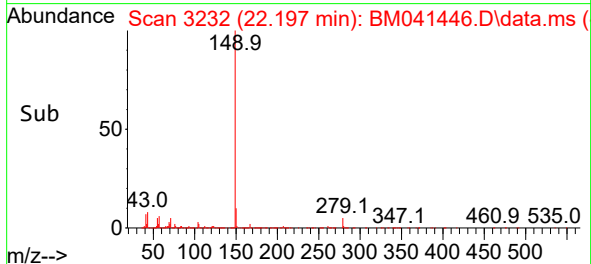
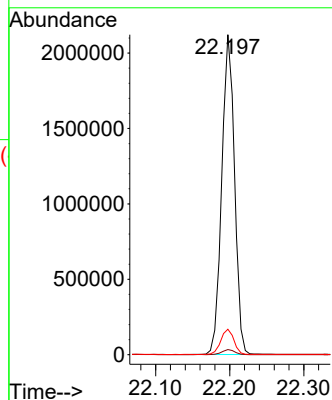
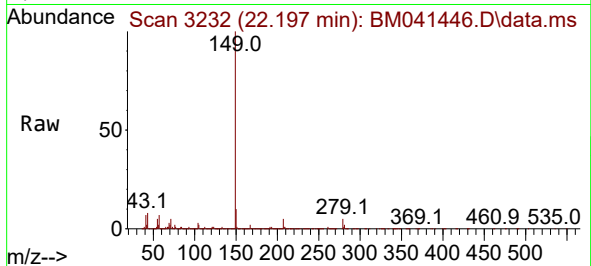




#85
Di-n-octyl phthalate
Concen: 39.469 ng
RT: 22.197 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

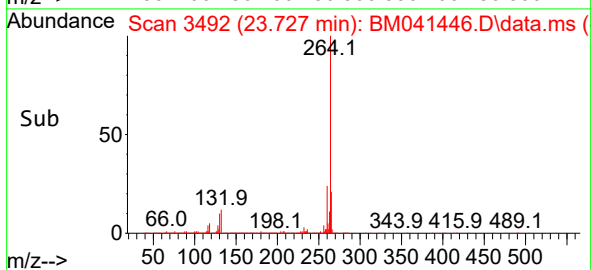
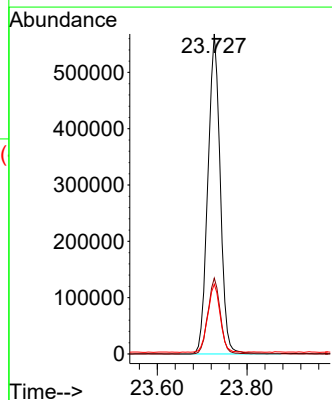
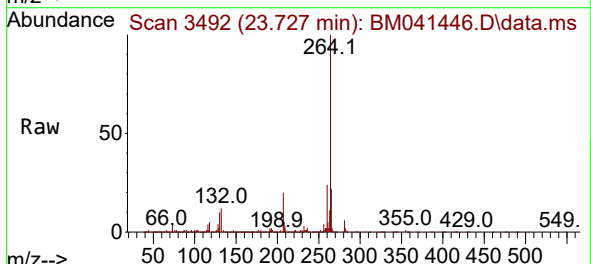
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

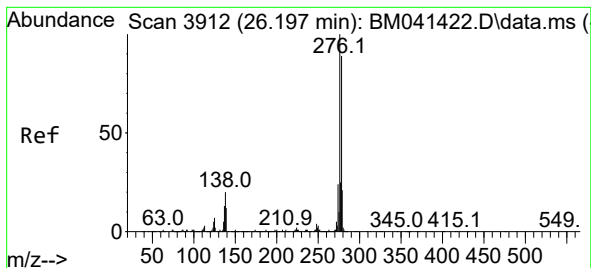
Tgt Ion:149 Resp: 2538590
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.1 7.2 10.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 3492
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion:264 Resp: 1085302
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.595 ng

RT: 26.150 min Scan# 3904

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

ETGI-340MSD

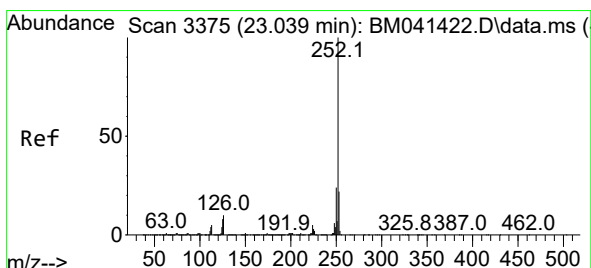
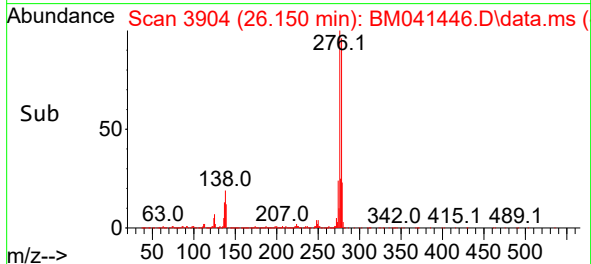
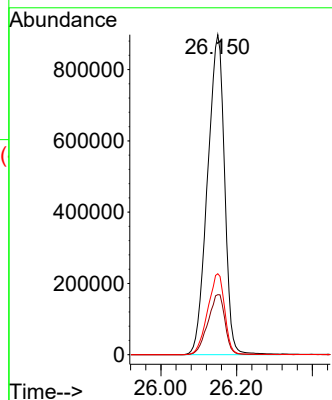
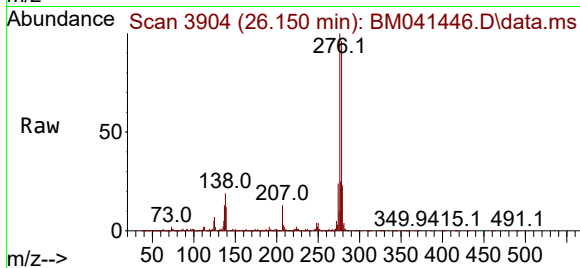
Tgt Ion:276 Resp: 2797906

Ion Ratio Lower Upper

276 100

138 18.9 16.6 25.0

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 38.825 ng

RT: 23.015 min Scan# 3371

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

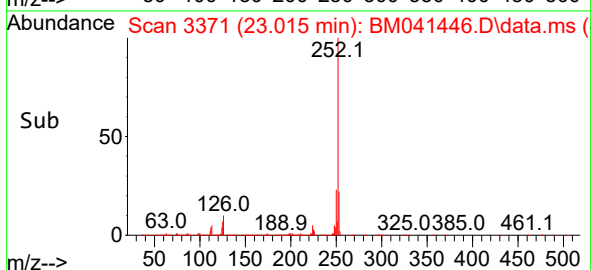
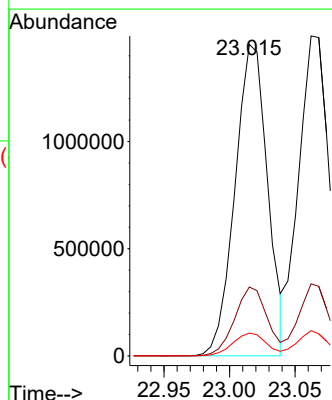
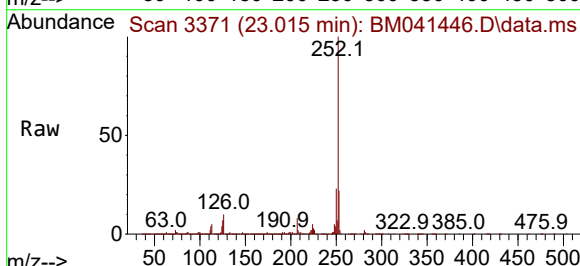
Tgt Ion:252 Resp: 2511445

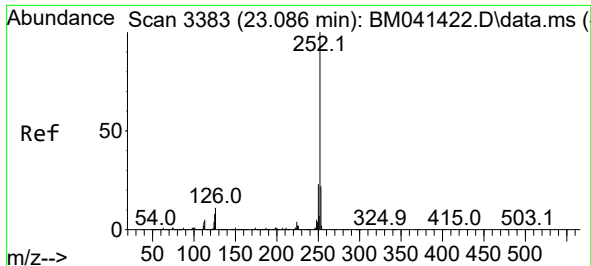
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 7.3 6.6 10.0

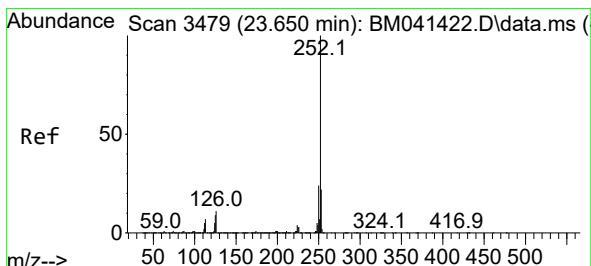
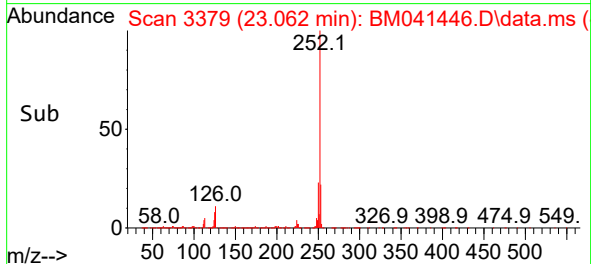
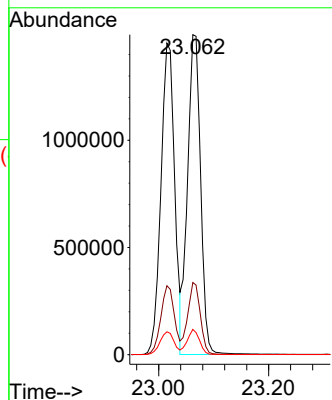
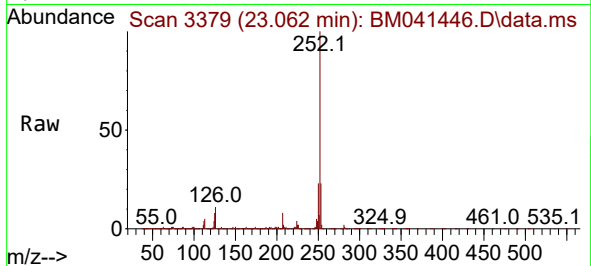




#89
Benzo(k)fluoranthene
Concen: 37.491 ng
RT: 23.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

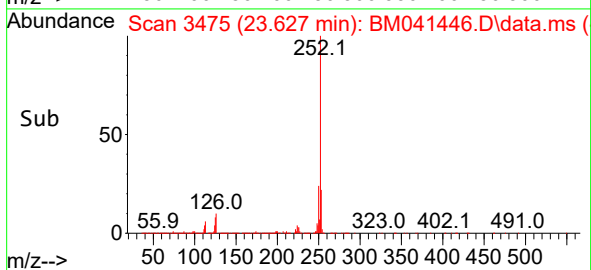
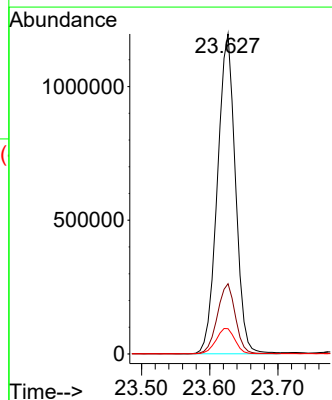
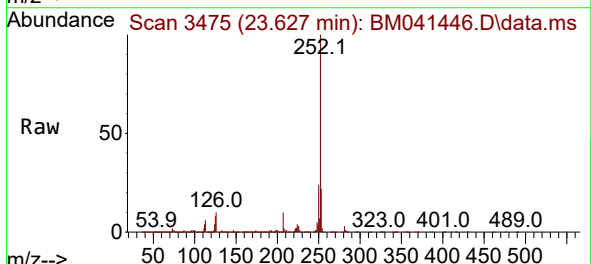
Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

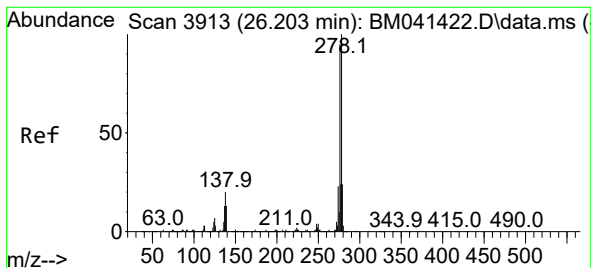
Tgt Ion:252 Resp: 2450849
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 7.9 6.5 9.7



#90
Benzo(a)pyrene
Concen: 35.626 ng
RT: 23.627 min Scan# 3475
Delta R.T. 0.000 min
Lab File: BM041446.D
Acq: 21 Aug 2023 13:50

Tgt Ion:252 Resp: 2194372
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 7.9 7.2 10.8





#91

Dibenzo(a,h)anthracene

Concen: 39.994 ng

RT: 26.156 min Scan# 3913

Delta R.T. -0.006 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

ETGI-340MSD

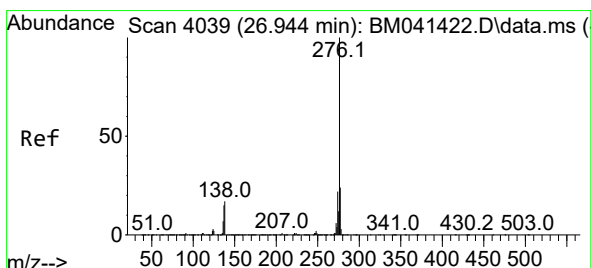
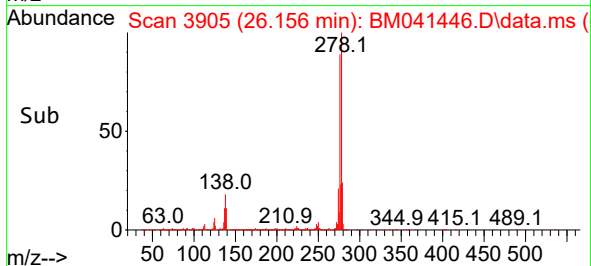
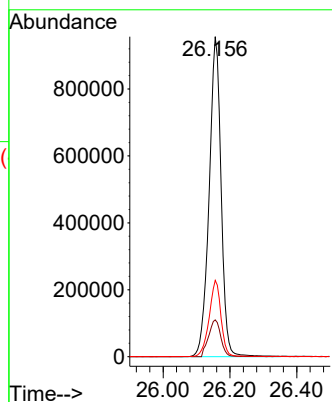
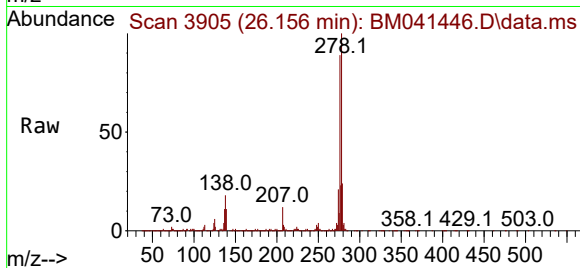
Tgt Ion:278 Resp: 2376763

Ion Ratio Lower Upper

278 100

139 11.5 10.6 16.0

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 37.902 ng

RT: 26.891 min Scan# 4030

Delta R.T. 0.000 min

Lab File: BM041446.D

Acq: 21 Aug 2023 13:50

Tgt Ion:276 Resp: 2177507

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 16.6 13.2 19.8

