

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110223\
 Data File : BM042559.D
 Acq On : 02 Nov 2023 13:49
 Operator : MA/JU
 Sample : 05164-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-352MSD

Quant Time: Nov 02 22:39:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	58811	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	216623	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	121460	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	253043	20.000	ng	0.00
76) Chrysene-d12	21.509	240	246749	20.000	ng	0.00
86) Perylene-d12	23.933	264	285343	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	425649	116.806	ng	0.00
7) Phenol-d6	7.093	99	510595	102.166	ng	0.00
23) Nitrobenzene-d5	9.128	82	489042	105.240	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	225470	142.184	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	942587	104.425	ng	0.00
79) Terphenyl-d14	19.939	244	1566971	107.679	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	64179	36.955	ng	# 84
3) Pyridine	3.746	79	156005	31.315	ng	98
4) n-Nitrosodimethylamine	3.669	42	117519	49.018	ng	84
6) Aniline	7.263	93	106959	16.837	ng	95
8) 2-Chlorophenol	7.481	128	142723	36.323	ng	99
9) Benzaldehyde	7.087	77	36823	12.784	ng	97
10) Phenol	7.116	94	170050	33.503	ng	94
11) bis(2-Chloroethyl)ether	7.363	93	178382	41.542	ng	99
12) 1,3-Dichlorobenzene	7.798	146	181528	42.746	ng	96
13) 1,4-Dichlorobenzene	7.957	146	186557	43.407	ng	98
14) 1,2-Dichlorobenzene	8.269	146	178105	42.923	ng	97
15) Benzyl Alcohol	8.187	79	173563	49.055	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.434	45	280787	41.091	ng	99
17) 2-Methylphenol	8.375	107	124023	34.509	ng	96
18) Hexachloroethane	8.981	117	75819	45.086	ng	97
19) n-Nitroso-di-n-propyla...	8.740	70	151273	42.788	ng	94
20) 3+4-Methylphenols	8.710	107	160418	33.386	ng	96
22) Acetophenone	8.775	105	267637	48.988	ng	# 97
24) Nitrobenzene	9.169	77	224454	49.040	ng	98
25) Isophorone	9.675	82	393765	47.874	ng	98
26) 2-Nitrophenol	9.869	139	74656	39.064	ng	96
27) 2,4-Dimethylphenol	9.910	122	119493	37.976	ng	94
28) bis(2-Chloroethoxy)met...	10.163	93	226732	45.757	ng	100
29) 2,4-Dichlorophenol	10.392	162	132588	42.587	ng	99
30) 1,2,4-Trichlorobenzene	10.592	180	172057	50.427	ng	99
31) Naphthalene	10.792	128	506711	45.275	ng	99
32) Benzoic acid	10.028	122	27423	13.909	ng	89
33) 4-Chloroaniline	10.939	127	33054	7.574	ng	97
34) Hexachlorobutadiene	11.016	225	109832	53.019	ng	99
35) Caprolactam	11.769	113	41152	37.620	ng	98
36) 4-Chloro-3-methylphenol	12.045	107	141358	39.896	ng	99
37) 2-Methylnaphthalene	12.398	142	332976	42.245	ng	97
38) 1-Methylnaphthalene	12.622	142	325042	43.812	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	194713	53.661	ng	99
41) Hexachlorocyclopentadiene	12.692	237	190078	86.817	ng	100
43) 2,4,6-Trichlorophenol	13.010	196	104630	45.019	ng	97

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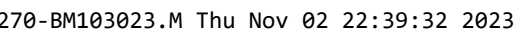
Instrument :
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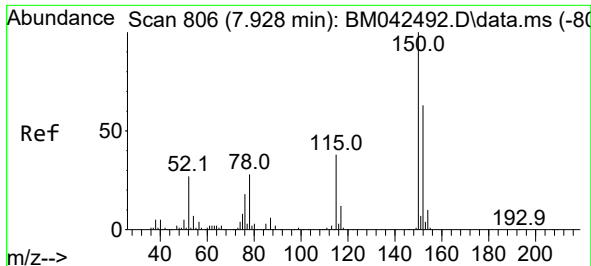
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	115903	41.908	ng	98
46) 1,1'-Biphenyl	13.410	154	451062	48.582	ng	99
47) 2-Chloronaphthalene	13.457	162	340263	49.956	ng	99
48) 2-Nitroaniline	13.698	65	129397	47.182	ng	99
49) Acenaphthylene	14.304	152	563363	49.941	ng	99
50) Dimethylphthalate	14.039	163	425188	46.837	ng	100
51) 2,6-Dinitrotoluene	14.186	165	89510	47.842	ng	92
52) Acenaphthene	14.639	154	318394	46.507	ng	100
53) 3-Nitroaniline	14.527	138	49641	25.867	ng	98
54) 2,4-Dinitrophenol	14.739	184	31127	28.923	ng	92
55) Dibenzofuran	14.974	168	534036	47.977	ng	99
56) 4-Nitrophenol	14.827	139	113522	67.923	ng	91
57) 2,4-Dinitrotoluene	14.974	165	127098	45.091	ng	99
58) Fluorene	15.621	166	430857	47.840	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	102587	44.039	ng	98
60) Diethylphthalate	15.386	149	431283	46.894	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	224893	49.428	ng	99
62) 4-Nitroaniline	15.692	138	76201	41.540	ng	87
63) Azobenzene	15.904	77	500870	49.421	ng	96
65) 4,6-Dinitro-2-methylph...	15.721	198	33355	23.847	ng	95
66) n-Nitrosodiphenylamine	15.839	169	354136	49.634	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	133031	52.576	ng	98
68) Hexachlorobenzene	16.592	284	154229	55.097	ng	99
69) Atrazine	16.786	200	135140	65.550	ng	99
70) Pentachlorophenol	16.957	266	172183	83.668	ng	99
71) Phenanthrene	17.368	178	649106	49.086	ng	99
72) Anthracene	17.463	178	643712	49.146	ng	100
73) Carbazole	17.751	167	577276	54.176	ng	100
74) Di-n-butylphthalate	18.268	149	769334	51.414	ng	99
75) Fluoranthene	19.380	202	776957	50.018	ng	99
77) Benzidine	19.592	184	208901	88.260	ng	99
78) Pyrene	19.751	202	830800	49.034	ng	99
80) Butylbenzylphthalate	20.627	149	350910	48.491	ng	97
81) Benzo(a)anthracene	21.492	228	776076	49.433	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	178640	35.803	ng	100
83) Chrysene	21.545	228	728415	45.676	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	529250	48.392	ng	99
85) Di-n-octyl phthalate	22.303	149	874830	46.472	ng	98
87) Indeno(1,2,3-cd)pyrene	26.474	276	1019390	60.024	ng	95
88) Benzo(b)fluoranthene	23.186	252	787088	49.512	ng	99
89) Benzo(k)fluoranthene	23.233	252	757635	42.770	ng	98
90) Benzo(a)pyrene	23.827	252	686402	43.857	ng	98
91) Dibenzo(a,h)anthracene	26.485	278	849489	53.650	ng #	96
92) Benzo(g,h,i)perylene	27.268	276	821962	54.915	ng	97

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

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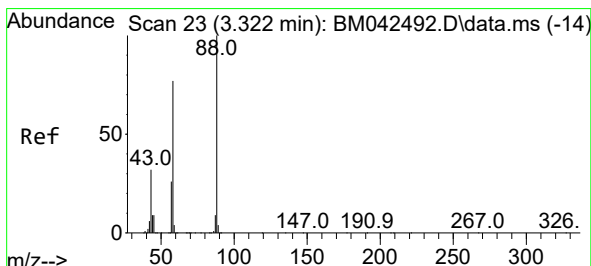
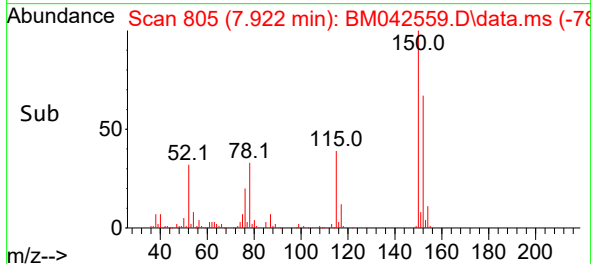
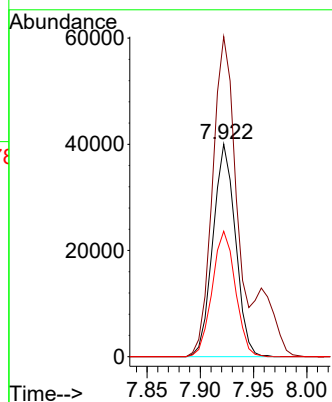
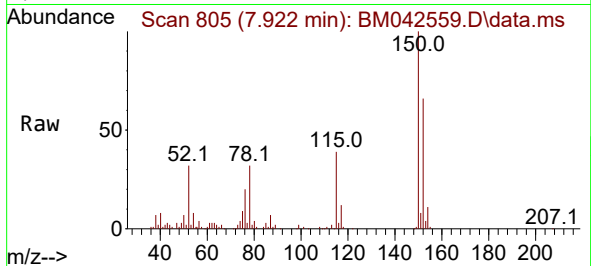




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

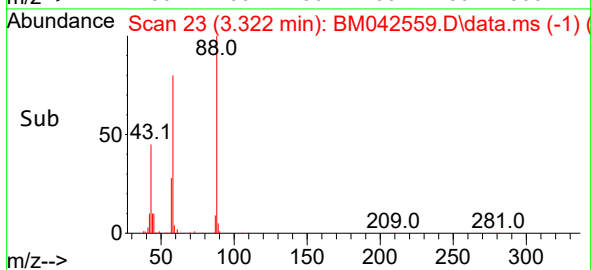
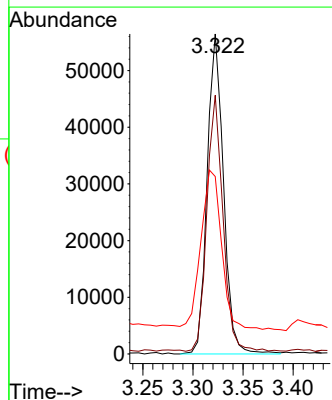
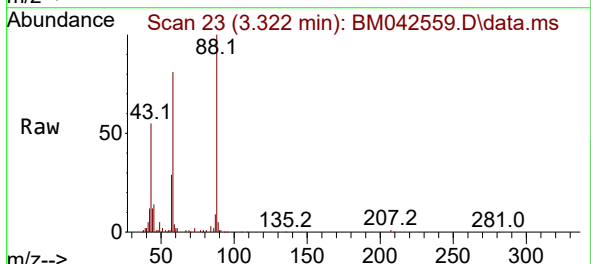
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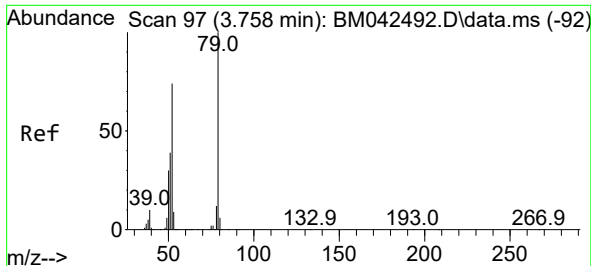
Tgt Ion:152 Resp: 58811
Ion Ratio Lower Upper
152 100
150 150.4 127.4 191.0
115 59.0 47.9 71.9



#2
1,4-Dioxane
Concen: 36.955 ng
RT: 3.322 min Scan# 23
Delta R.T. 0.000 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion: 88 Resp: 64179
Ion Ratio Lower Upper
88 100
58 78.8 62.6 93.8
43 63.3 26.5 39.7#

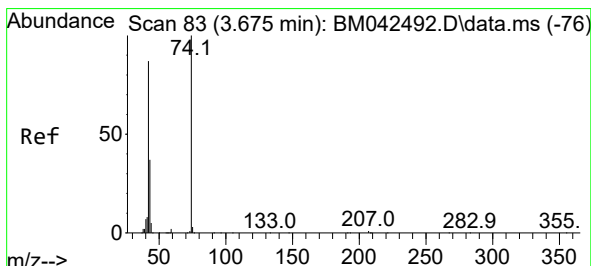
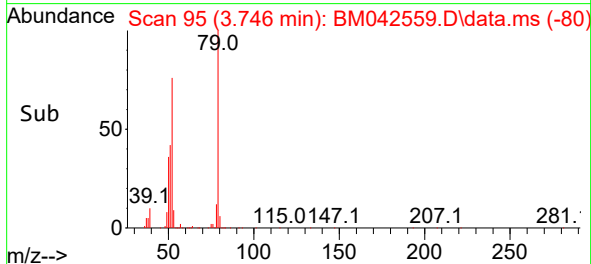
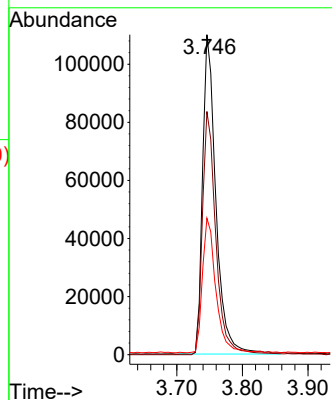
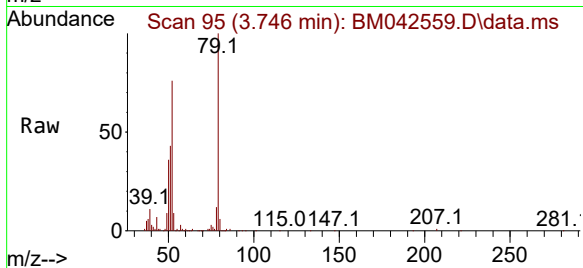




#3
 Pyridine
 Concen: 31.315 ng
 RT: 3.746 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BM042559.D
 Acq: 02 Nov 2023 13:49

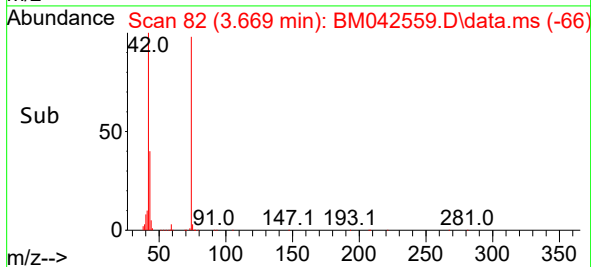
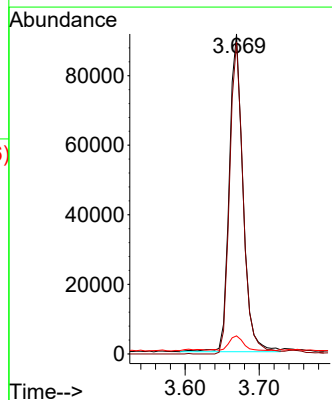
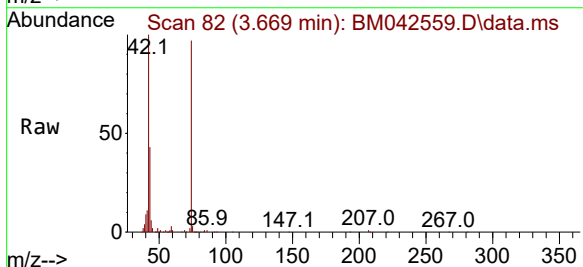
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 ClientSampleId :
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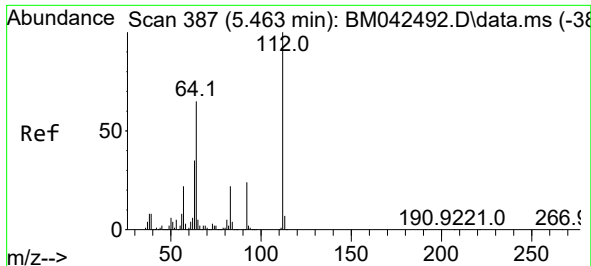
Tgt Ion: 79 Resp: 156005
 Ion Ratio Lower Upper
 79 100
 52 76.0 59.3 88.9
 51 42.6 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 49.018 ng
 RT: 3.669 min Scan# 82
 Delta R.T. -0.006 min
 Lab File: BM042559.D
 Acq: 02 Nov 2023 13:49

Tgt Ion: 42 Resp: 117519
 Ion Ratio Lower Upper
 42 100
 74 97.4 92.2 138.2
 44 5.7 5.1 7.7

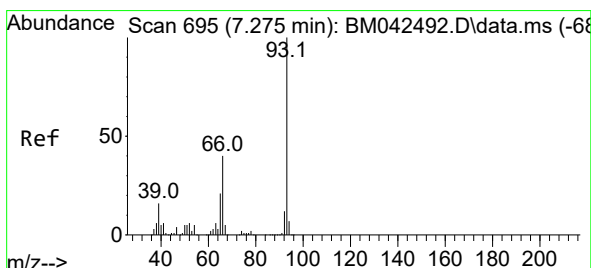
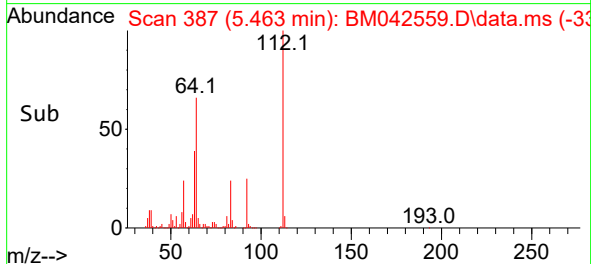
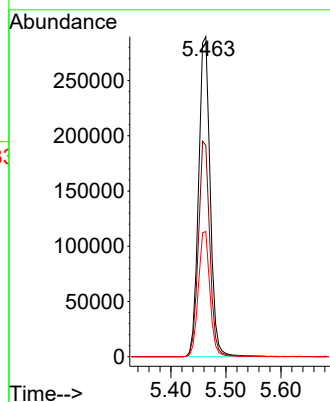
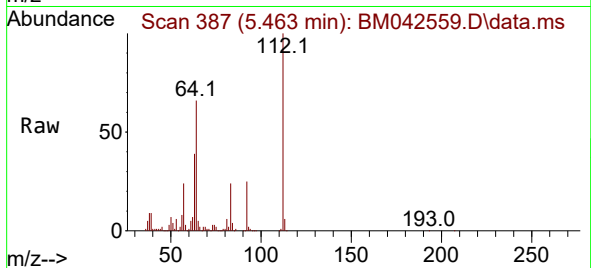




#5
2-Fluorophenol
Concen: 116.806 ng
RT: 5.463 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

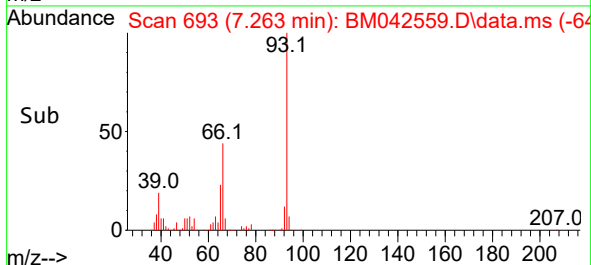
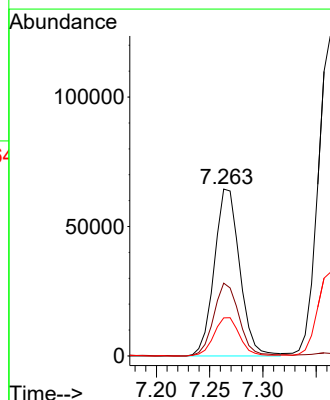
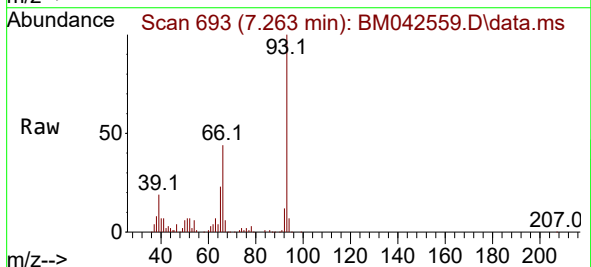
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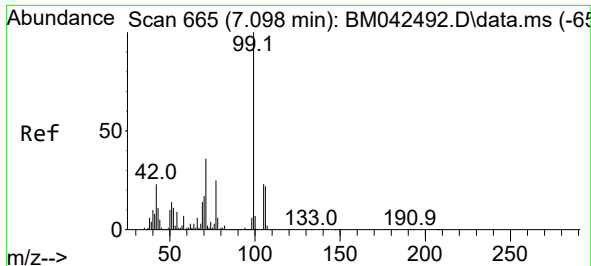
Tgt Ion:112 Resp: 425649
Ion Ratio Lower Upper
112 100
64 66.0 52.1 78.1
63 39.1 28.3 42.5



#6
Aniline
Concen: 16.837 ng
RT: 7.263 min Scan# 693
Delta R.T. -0.012 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion: 93 Resp: 106959
Ion Ratio Lower Upper
93 100
66 43.7 32.2 48.2
65 22.8 17.0 25.6

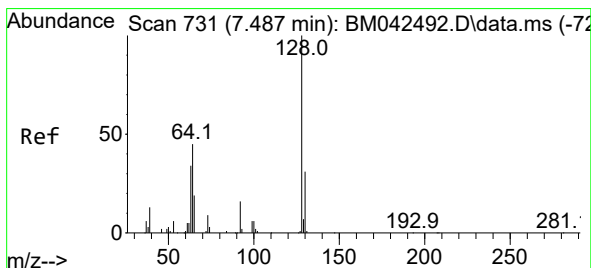
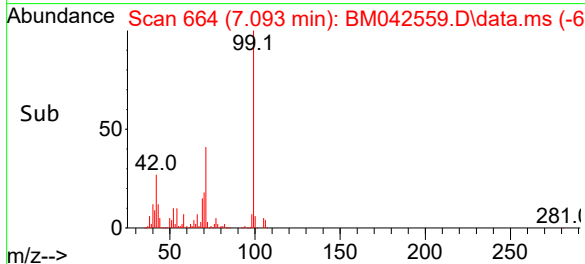
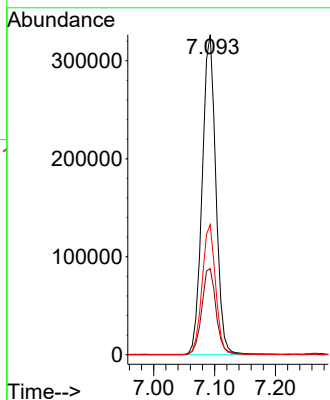
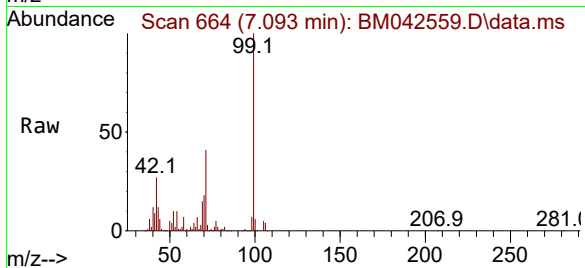




#7
Phenol-d6
Concen: 102.166 ng
RT: 7.093 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

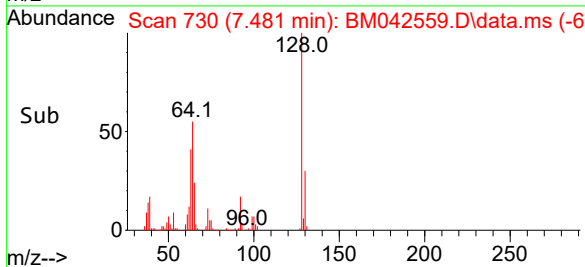
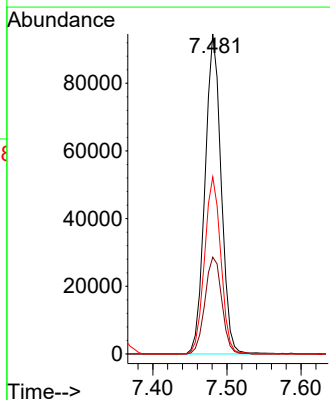
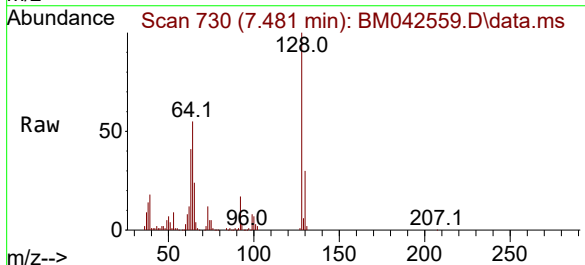
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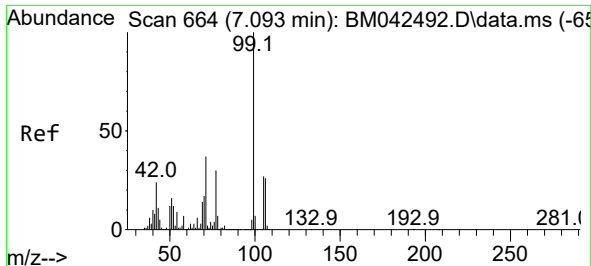
Tgt Ion: 99 Resp: 510595
Ion Ratio Lower Upper
99 100
42 26.9 18.7 28.1
71 40.7 29.1 43.7



#8
2-Chlorophenol
Concen: 36.323 ng
RT: 7.481 min Scan# 730
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion: 128 Resp: 142723
Ion Ratio Lower Upper
128 100
130 30.2 11.2 51.2
64 55.3 34.4 74.4

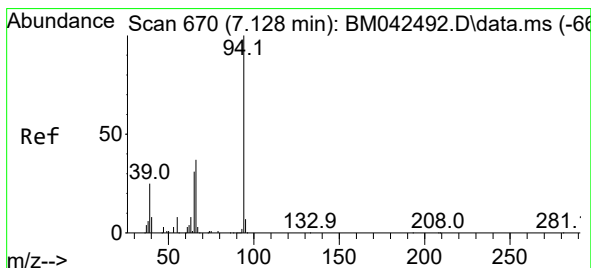
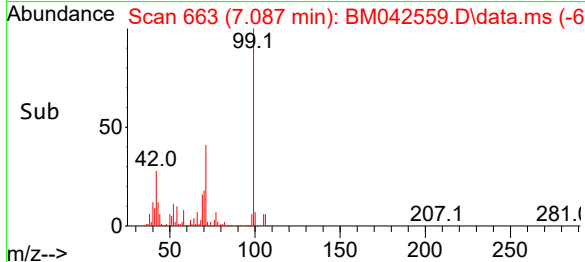
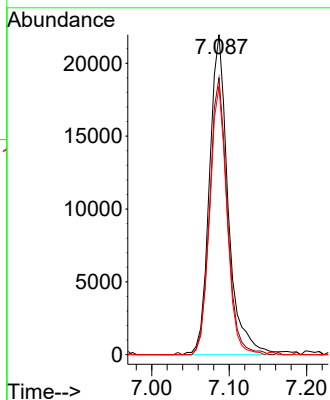
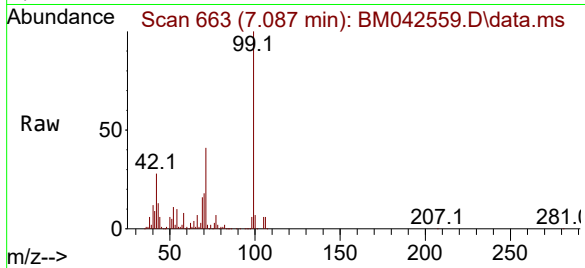




#9
Benzaldehyde
Concen: 12.784 ng
RT: 7.087 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

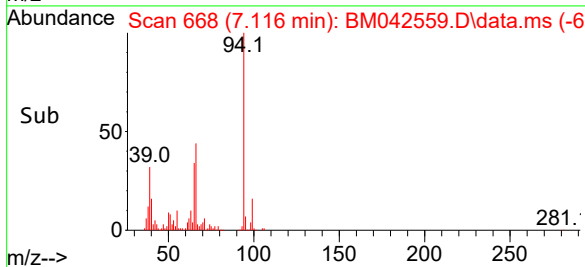
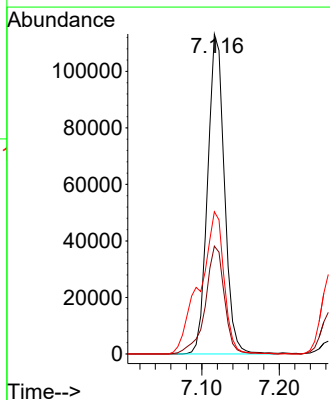
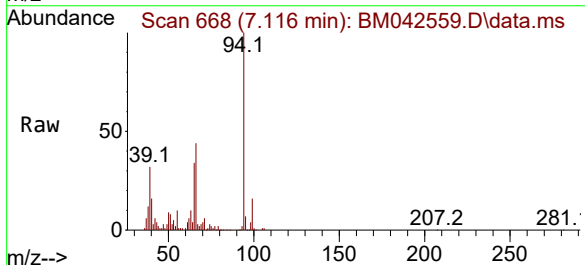
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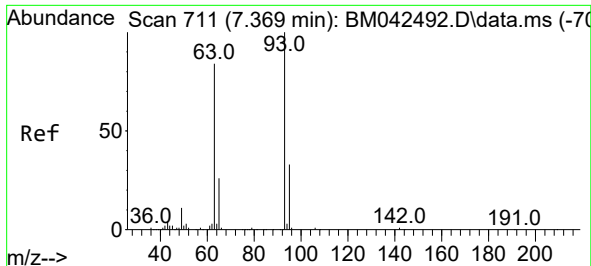
Tgt Ion: 77 Resp: 36823
Ion Ratio Lower Upper
77 100
105 86.5 69.7 109.7
106 83.7 66.4 106.4



#10
Phenol
Concen: 33.503 ng
RT: 7.116 min Scan# 668
Delta R.T. -0.012 min
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Tgt Ion: 94 Resp: 170050
Ion Ratio Lower Upper
94 100
65 33.7 11.5 51.5
66 44.5 20.0 60.0

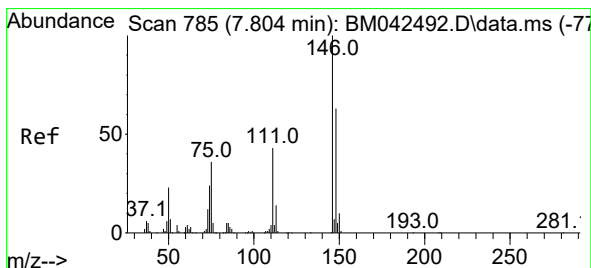
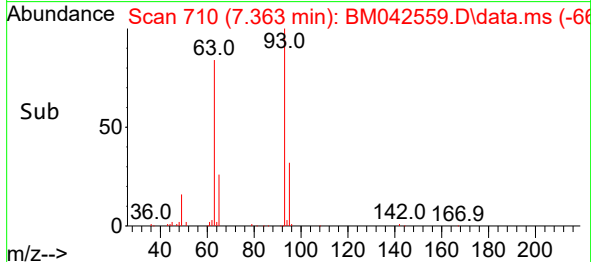
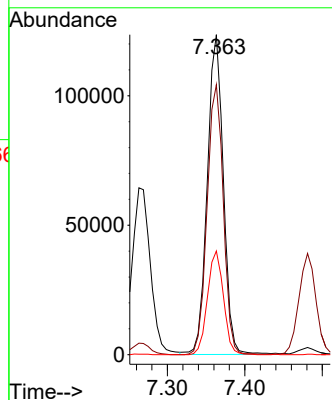
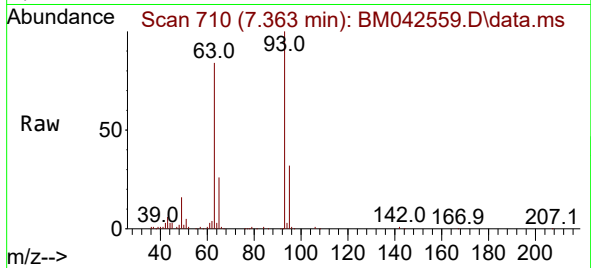




#11
bis(2-Chloroethyl)ether
Concen: 41.542 ng
RT: 7.363 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

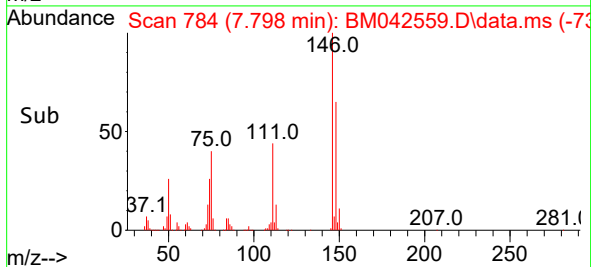
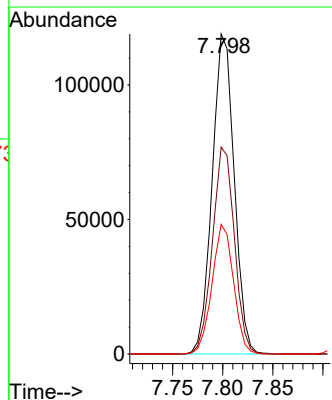
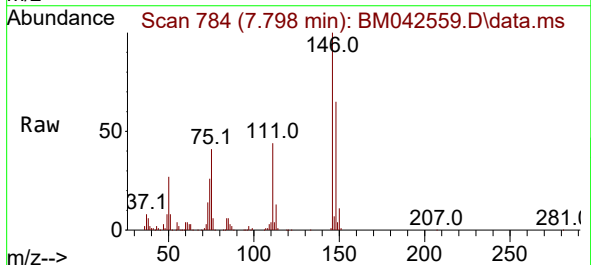
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

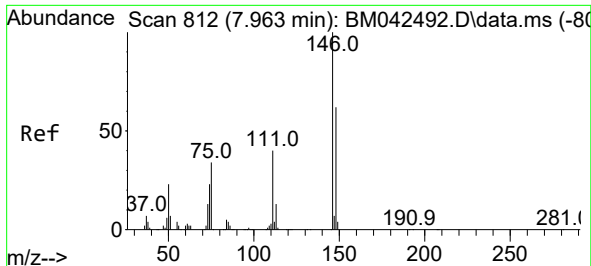
Tgt Ion: 93 Resp: 178382
Ion Ratio Lower Upper
93 100
63 84.4 63.2 103.2
95 32.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 42.746 ng
RT: 7.798 min Scan# 784
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:146 Resp: 181528
Ion Ratio Lower Upper
146 100
148 64.7 50.4 75.6
75 40.5 28.9 43.3

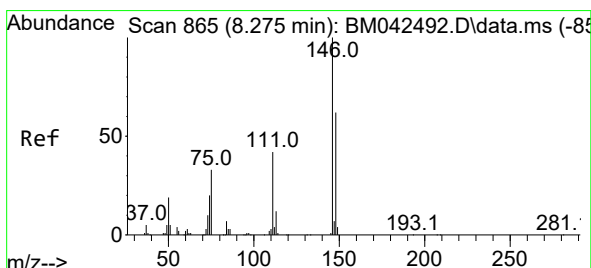
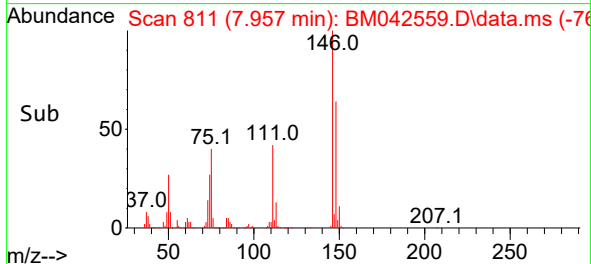
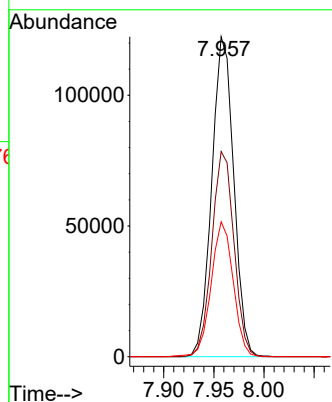
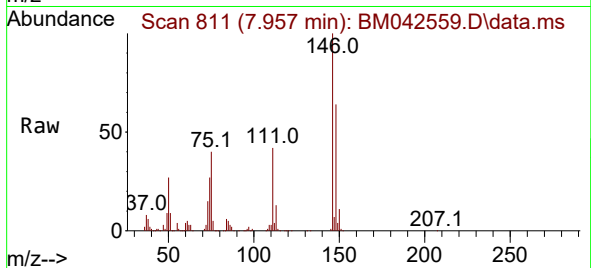




#13
1,4-Dichlorobenzene
Concen: 43.407 ng
RT: 7.957 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

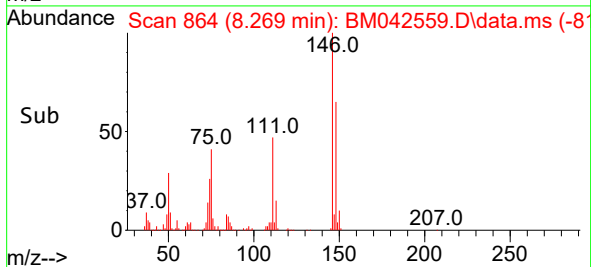
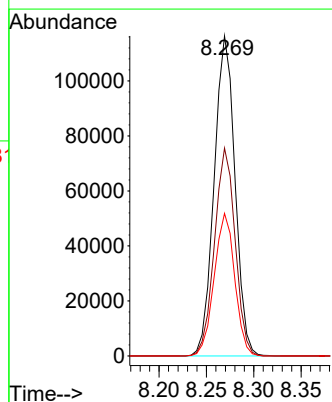
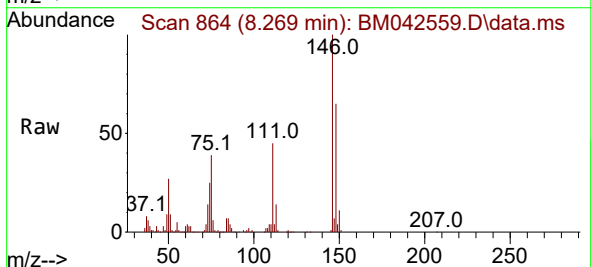
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

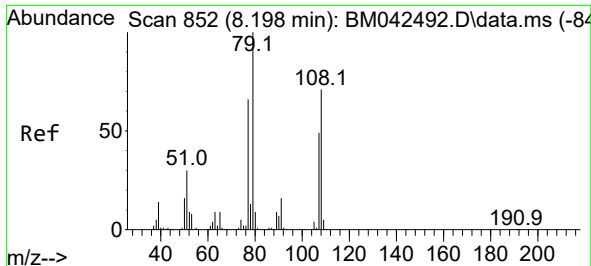
Tgt Ion:146 Resp: 186557
Ion Ratio Lower Upper
146 100
148 64.1 50.0 75.0
111 42.2 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 42.923 ng
RT: 8.269 min Scan# 864
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:146 Resp: 178105
Ion Ratio Lower Upper
146 100
148 64.9 50.0 75.0
111 44.5 34.5 51.7

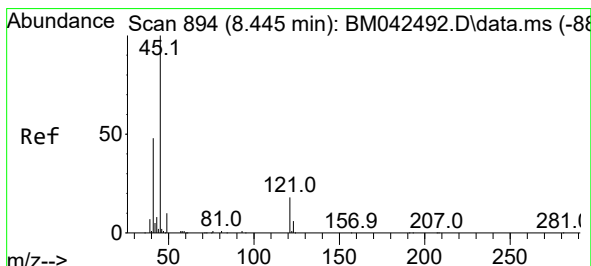
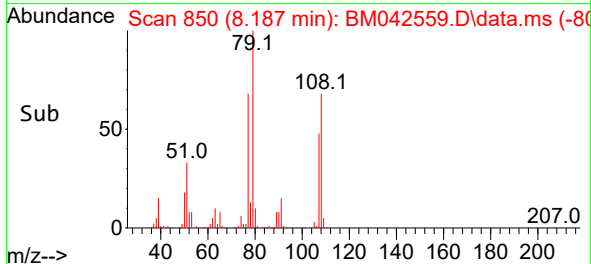
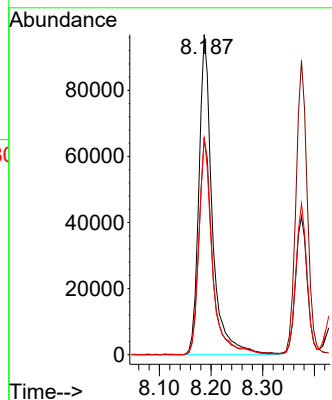
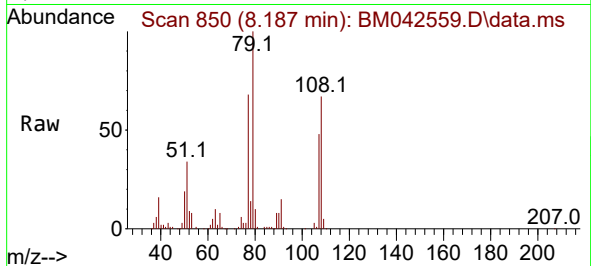




#15
Benzyl Alcohol
Concen: 49.055 ng
RT: 8.187 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

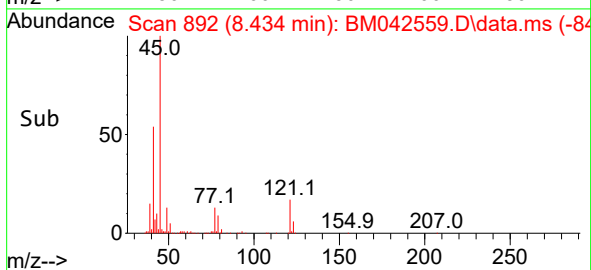
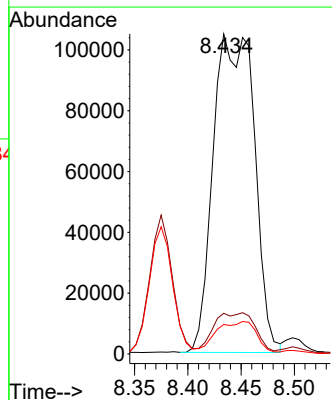
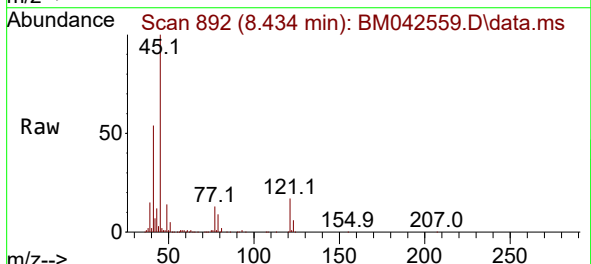
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

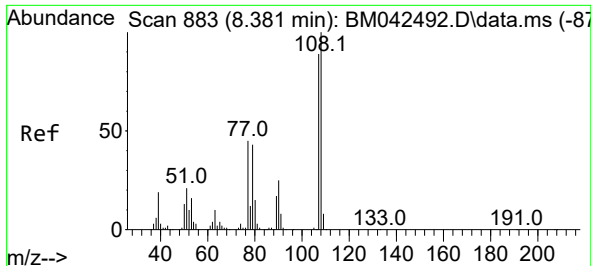
Tgt Ion: 79 Resp: 173563
Ion Ratio Lower Upper
79 100
108 67.5 56.8 85.2
77 68.0 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.091 ng
RT: 8.434 min Scan# 892
Delta R.T. -0.012 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion: 45 Resp: 280787
Ion Ratio Lower Upper
45 100
77 12.7 0.0 33.0
79 9.2 0.0 29.5

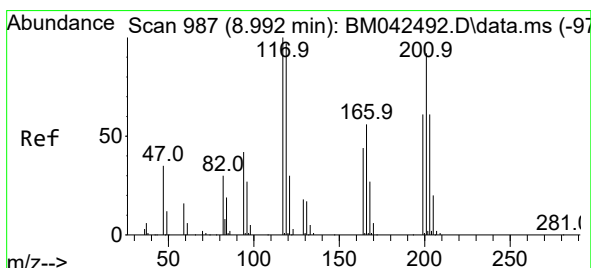
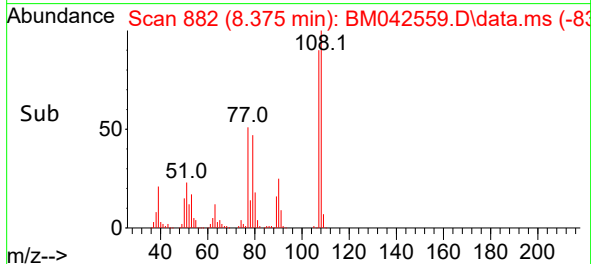
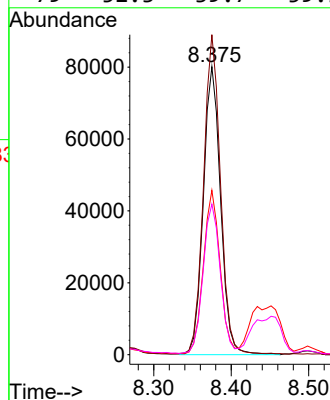
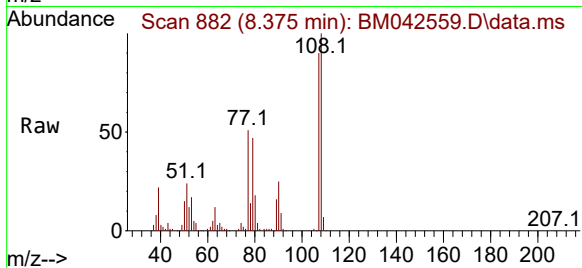




#17
2-Methylphenol
Concen: 34.509 ng
RT: 8.375 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

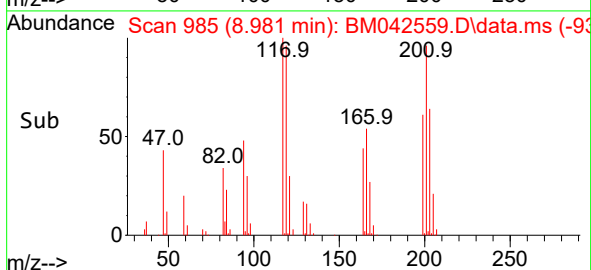
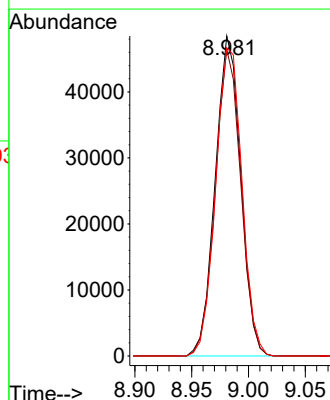
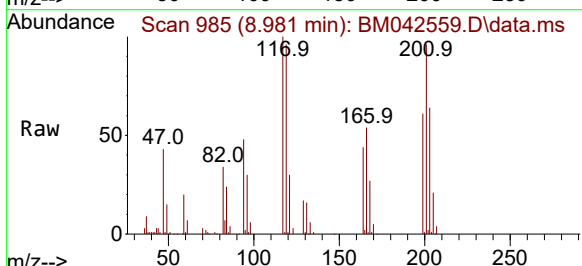
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

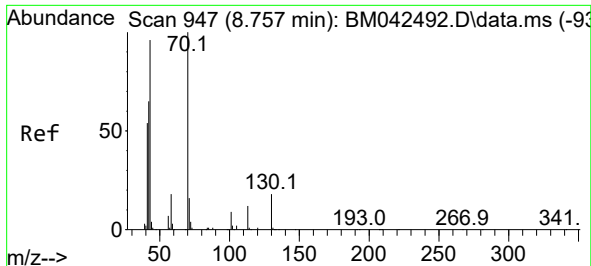
Tgt Ion:	107	Resp:	124023
Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.4	135.6
77	57.1	40.6	60.8
79	52.3	39.7	59.5



#18
Hexachloroethane
Concen: 45.086 ng
RT: 8.981 min Scan# 985
Delta R.T. -0.012 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:	117	Resp:	75819
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.9	116.9
201	96.3	73.7	110.5

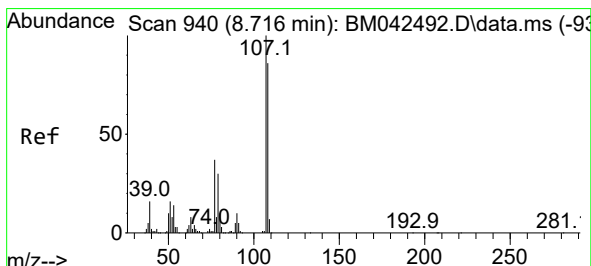
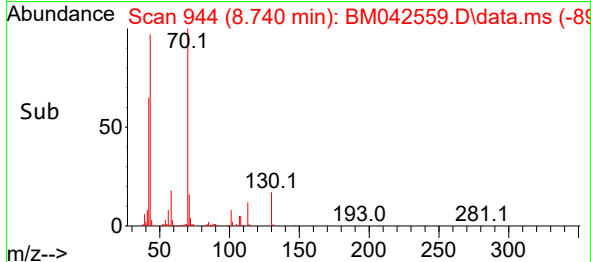
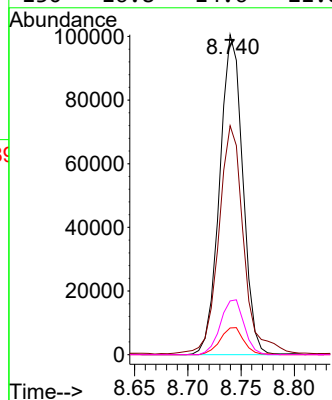
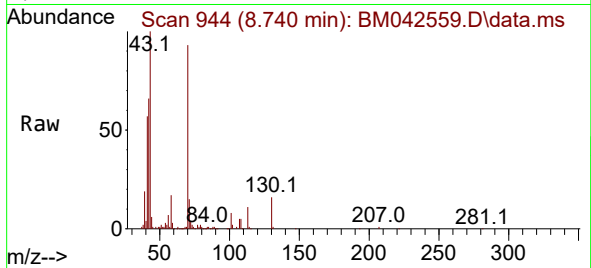




#19
n-Nitroso-di-n-propylamine
Concen: 42.788 ng
RT: 8.740 min Scan# 944
Delta R.T. -0.018 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

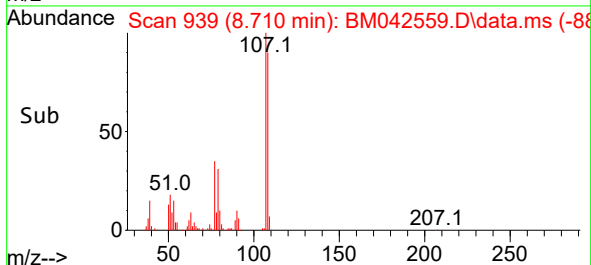
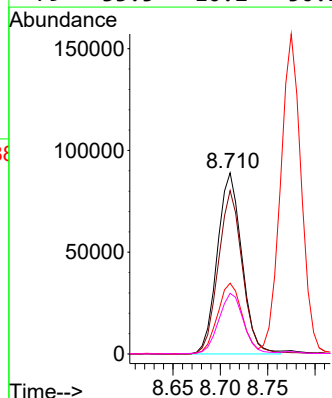
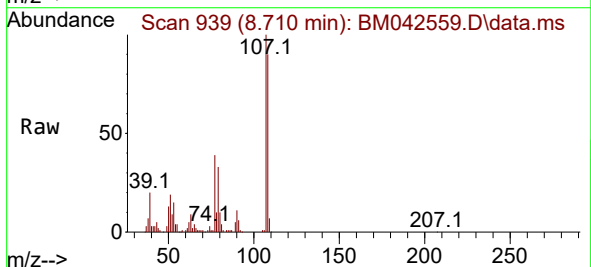
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

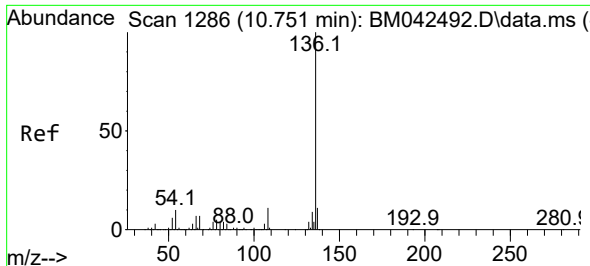
Tgt Ion: 70 Resp: 151273
Ion Ratio Lower Upper
70 100
42 71.5 52.5 78.7
101 8.4 7.0 10.4
130 16.8 14.6 21.8



#20
3+4-Methylphenols
Concen: 33.386 ng
RT: 8.710 min Scan# 939
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:107 Resp: 160418
Ion Ratio Lower Upper
107 100
108 90.2 66.4 106.4
77 39.0 17.6 57.6
79 33.5 10.2 50.2

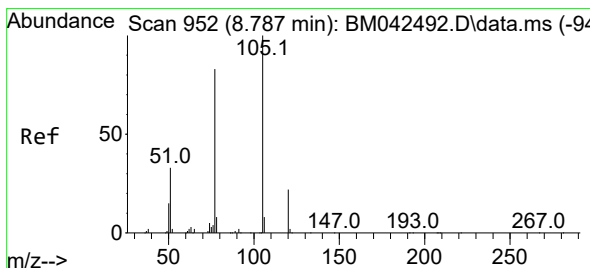
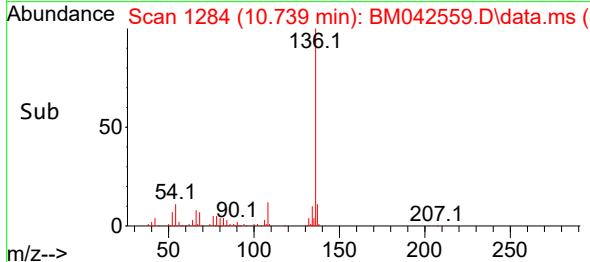
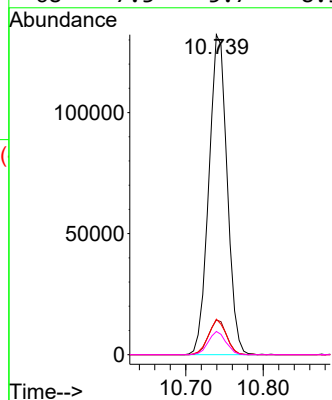
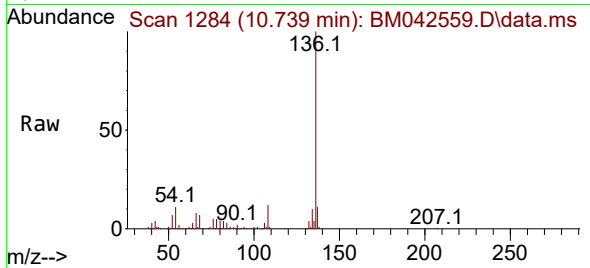




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

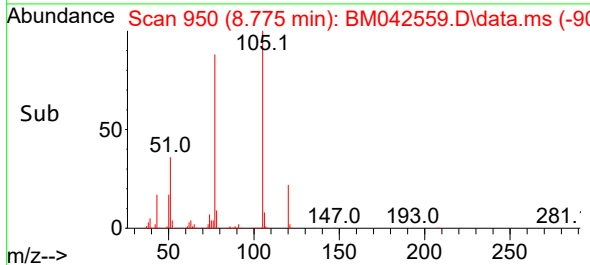
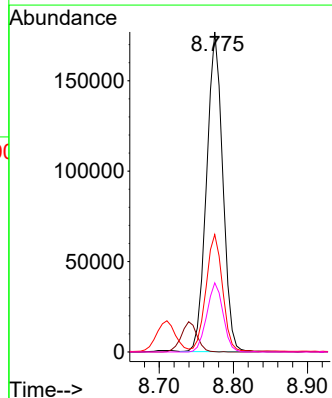
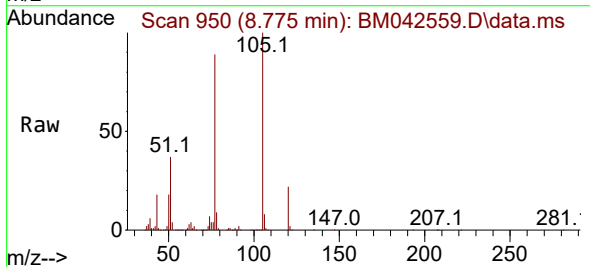
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

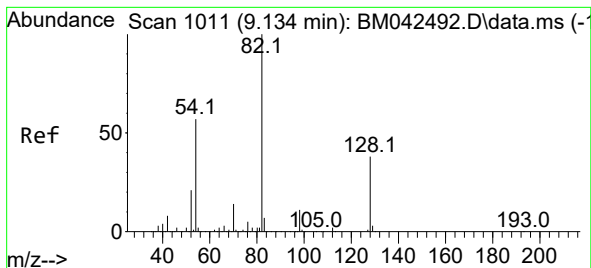
Tgt Ion:136 Resp: 216623
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 11.1 8.0 12.0
68 7.3 5.7 8.5



#22
Acetophenone
Concen: 48.988 ng
RT: 8.775 min Scan# 950
Delta R.T. -0.012 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:105 Resp: 267637
Ion Ratio Lower Upper
105 100
71 0.1 0.2 0.2#
51 36.7 27.6 41.4
120 21.6 17.8 26.6





#23

Nitrobenzene-d5

Concen: 105.240 ng

RT: 9.128 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

Instrument :

BNA_M

ClientSampleId :

ETGI-352MSD

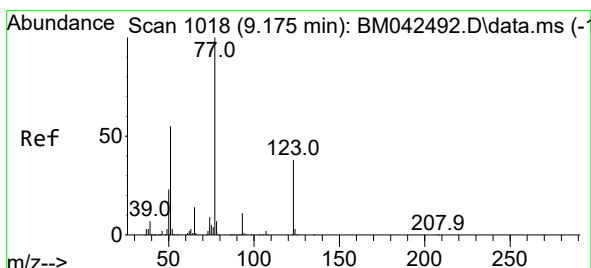
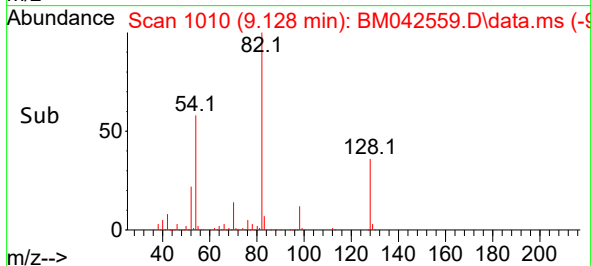
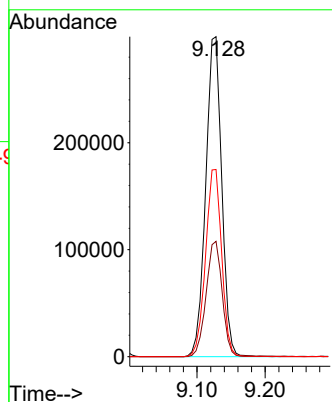
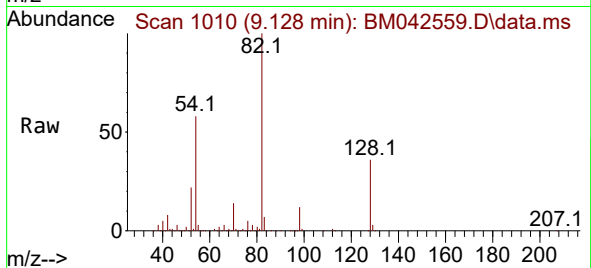
Tgt Ion: 82 Resp: 489042

Ion Ratio Lower Upper

82 100

128 36.1 30.7 46.1

54 58.5 45.3 67.9



#24

Nitrobenzene

Concen: 49.040 ng

RT: 9.169 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

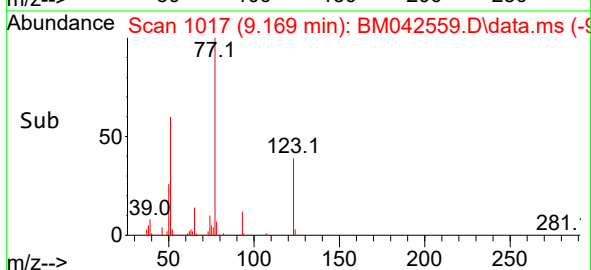
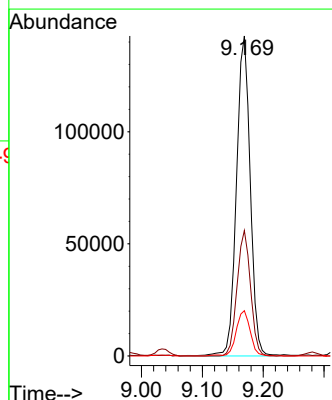
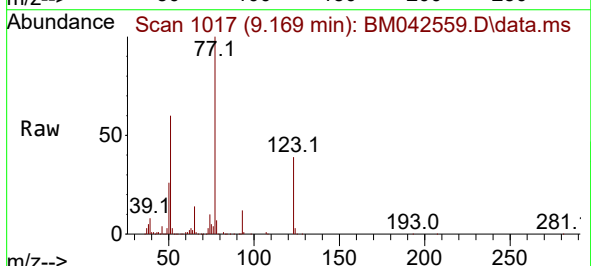
Tgt Ion: 77 Resp: 224454

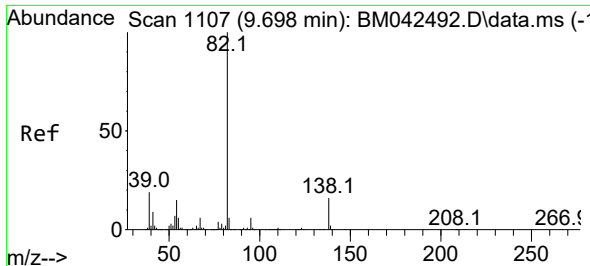
Ion Ratio Lower Upper

77 100

123 39.2 30.6 46.0

65 14.2 10.8 16.2

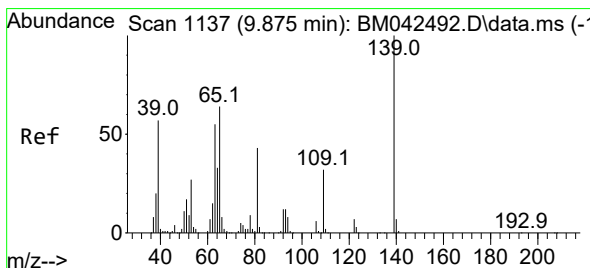
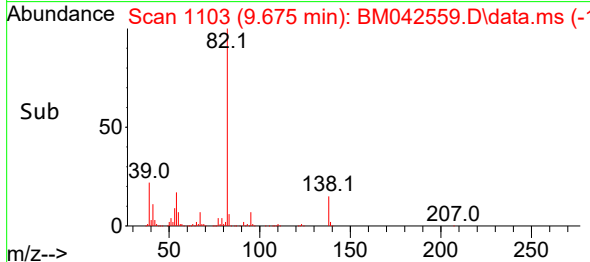
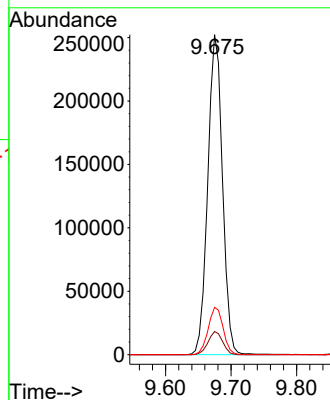
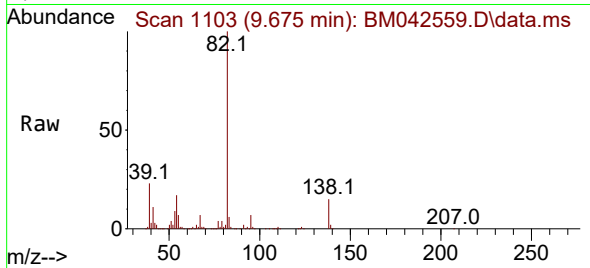




#25
Isophorone
Concen: 47.874 ng
RT: 9.675 min Scan# 1107
Delta R.T. -0.024 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

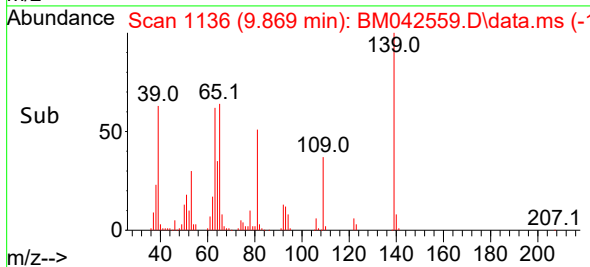
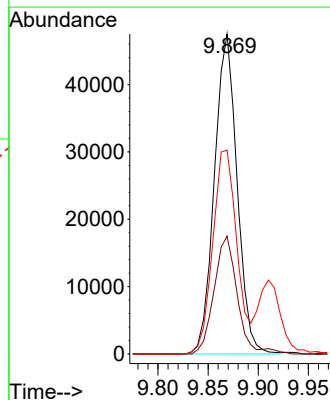
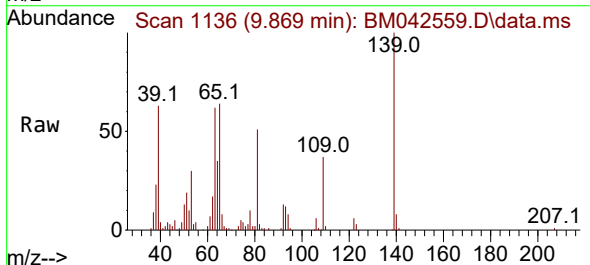
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

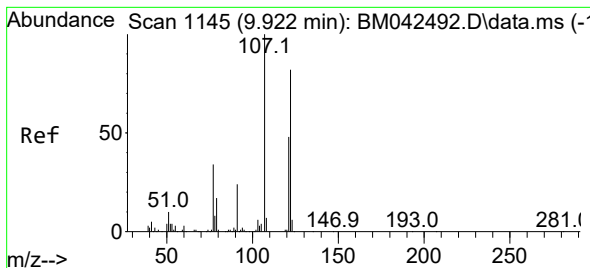
Tgt Ion: 82 Resp: 393765
Ion Ratio Lower Upper
82 100
95 7.3 5.2 7.8
138 14.8 12.6 18.8



#26
2-Nitrophenol
Concen: 39.064 ng
RT: 9.869 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion: 139 Resp: 74656
Ion Ratio Lower Upper
139 100
109 36.8 25.2 37.8
65 63.7 51.4 77.0

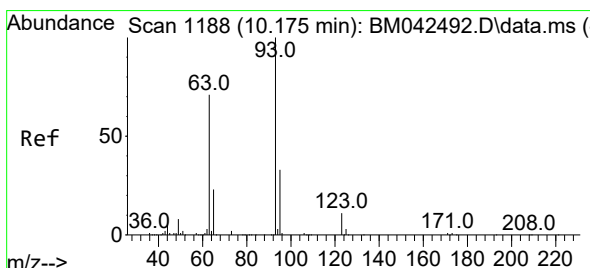
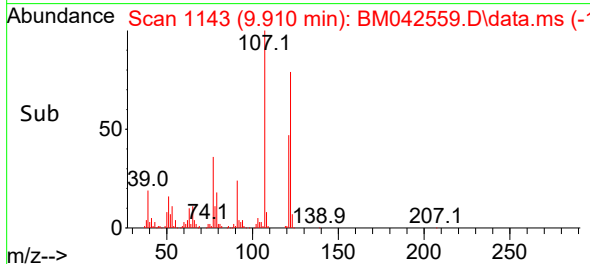
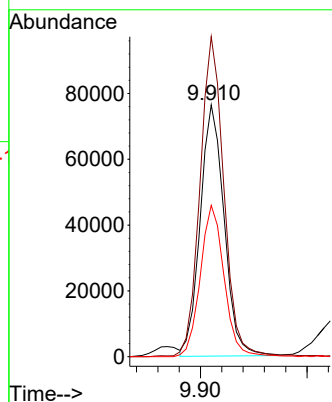
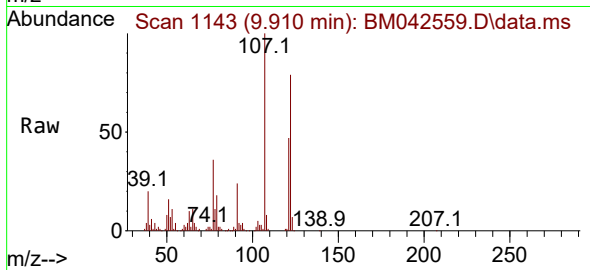




#27
2,4-Dimethylphenol
Concen: 37.976 ng
RT: 9.910 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

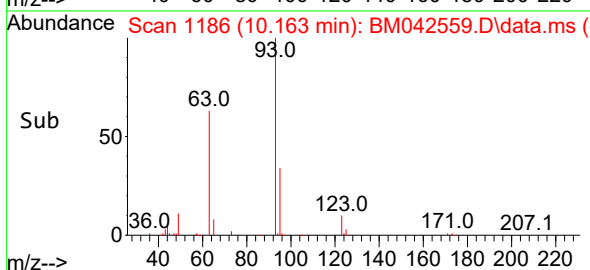
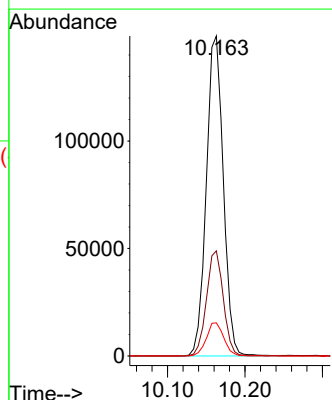
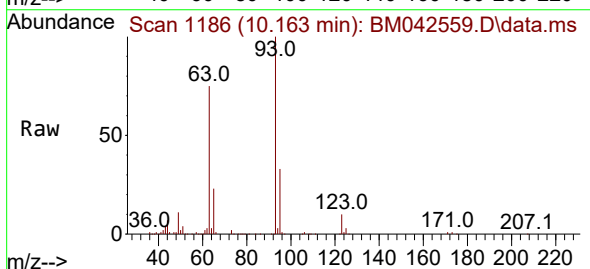
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

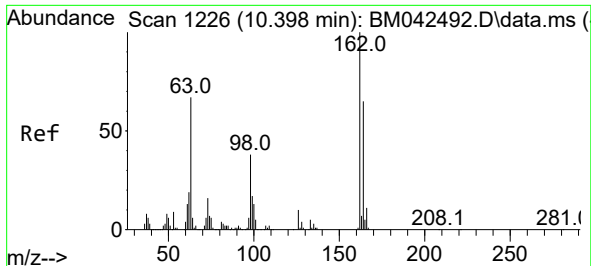
Tgt Ion:122 Resp: 119493
Ion Ratio Lower Upper
122 100
107 127.1 95.4 143.2
121 60.1 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.757 ng
RT: 10.163 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion: 93 Resp: 226732
Ion Ratio Lower Upper
93 100
95 32.8 26.3 39.5
123 10.3 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 42.587 ng

RT: 10.392 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

Instrument :

BNA_M

ClientSampleId :

ETGI-352MSD

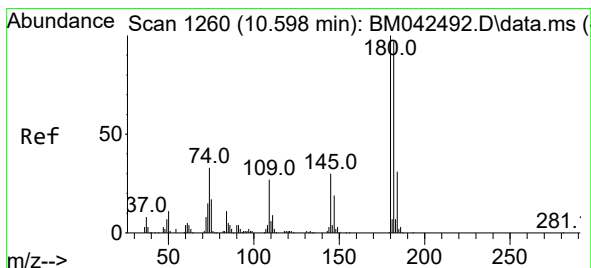
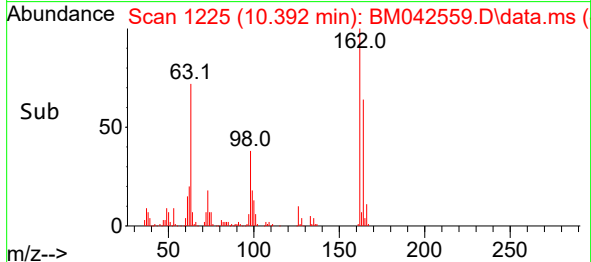
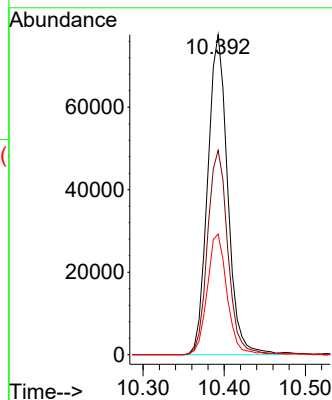
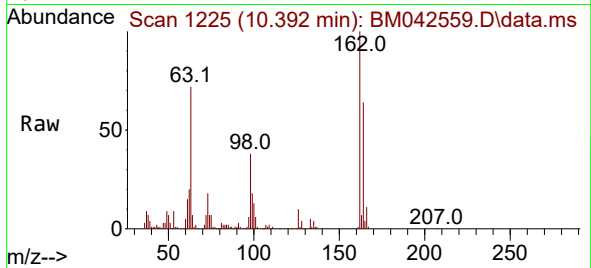
Tgt Ion:162 Resp: 132588

Ion Ratio Lower Upper

162 100

164 63.9 44.9 84.9

98 37.7 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 50.427 ng

RT: 10.592 min Scan# 1259

Delta R.T. -0.006 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

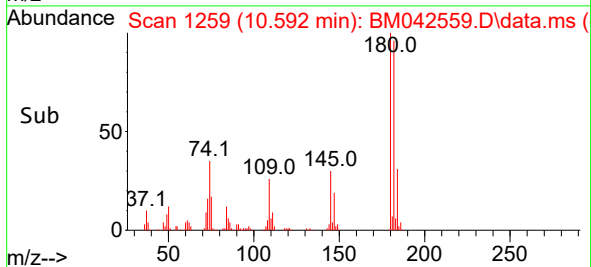
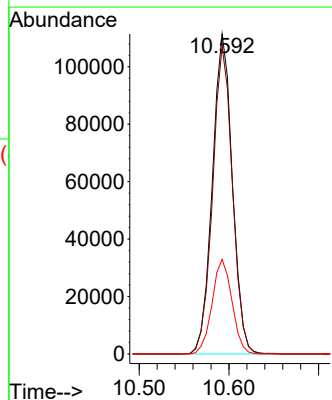
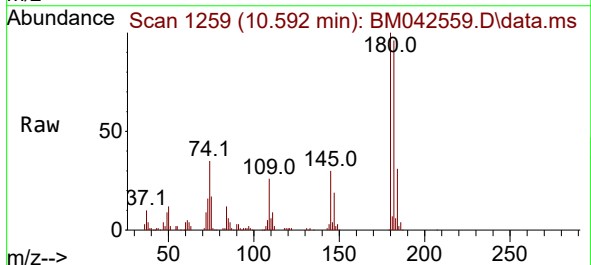
Tgt Ion:180 Resp: 172057

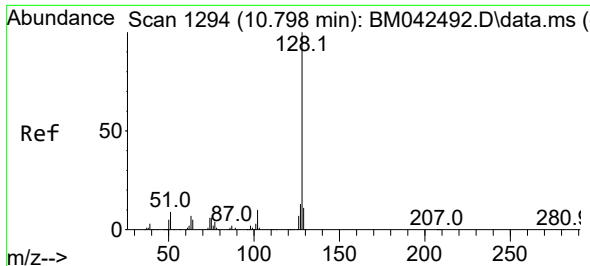
Ion Ratio Lower Upper

180 100

182 96.1 77.8 116.8

145 29.5 24.4 36.6

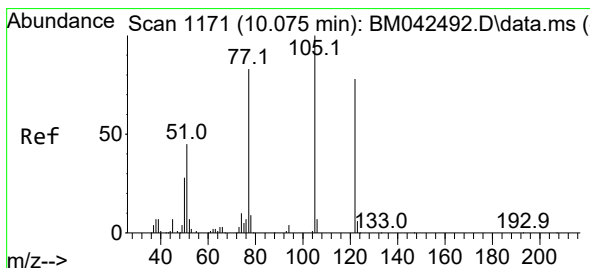
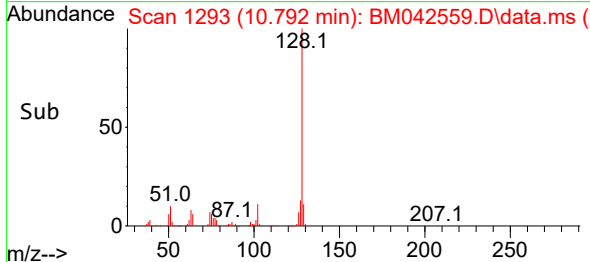
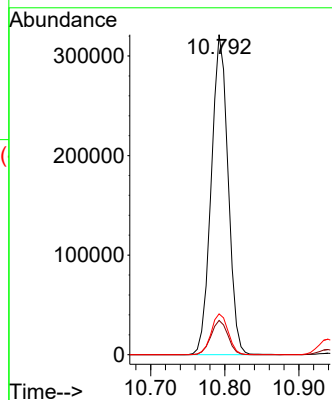
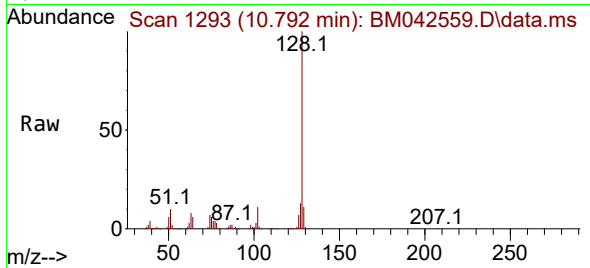




#31
Naphthalene
Concen: 45.275 ng
RT: 10.792 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

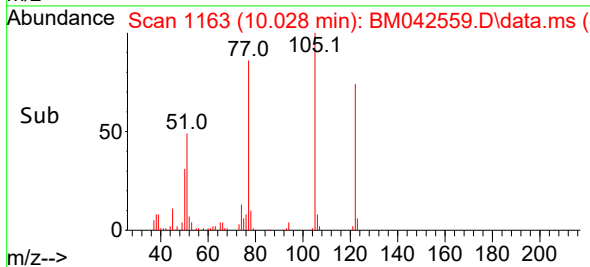
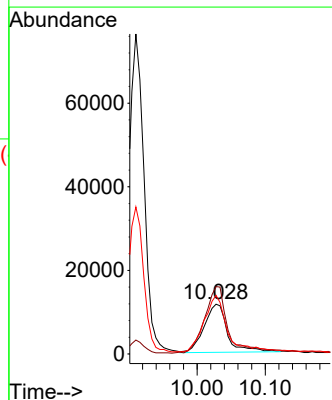
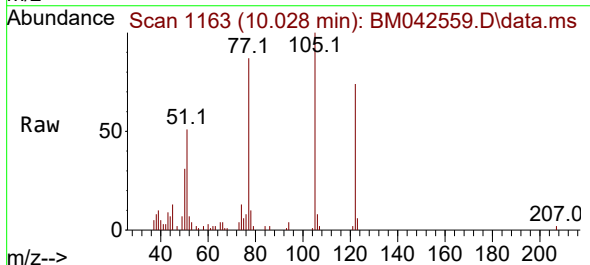
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

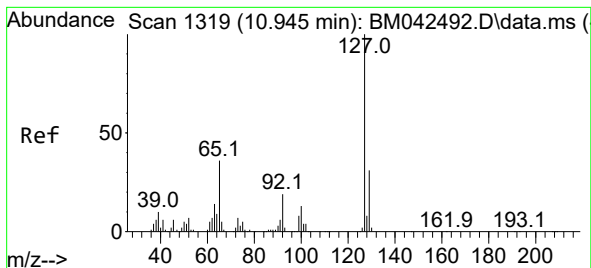
Tgt Ion:128 Resp: 506711
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 13.909 ng
RT: 10.028 min Scan# 1163
Delta R.T. -0.047 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:122 Resp: 27423
Ion Ratio Lower Upper
122 100
105 135.4 105.2 145.2
77 117.6 84.8 124.8

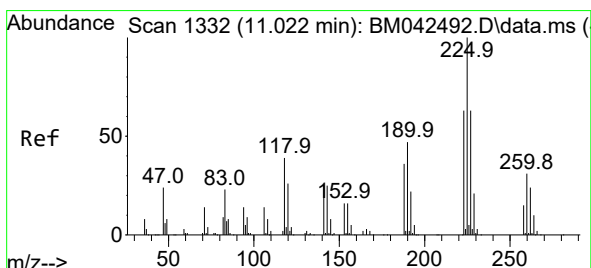
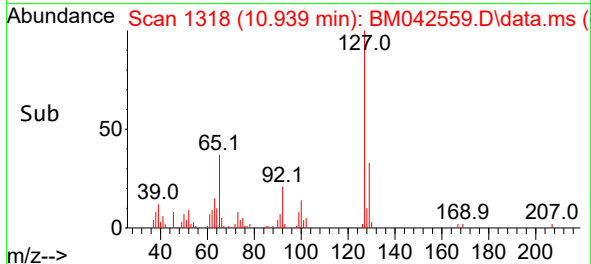
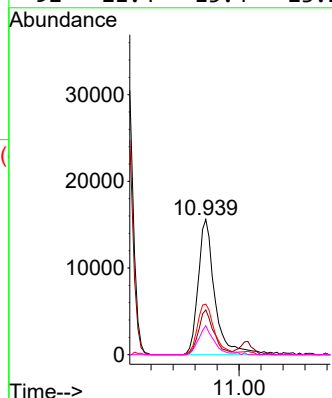
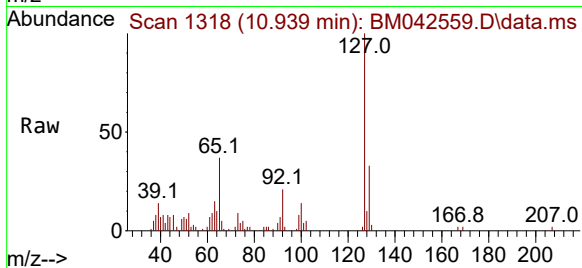




#33
4-Chloroaniline
Concen: 7.574 ng
RT: 10.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

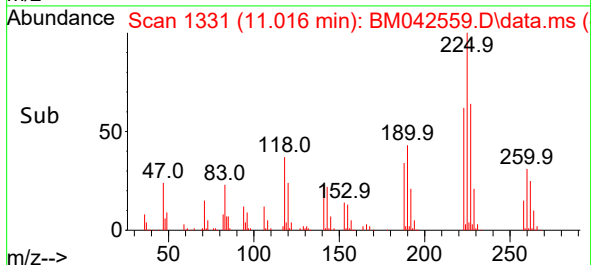
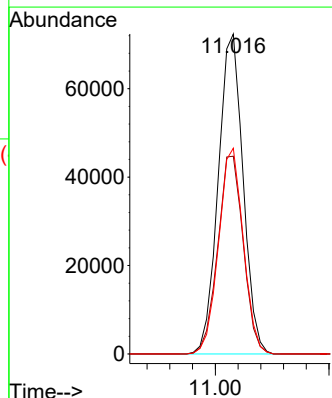
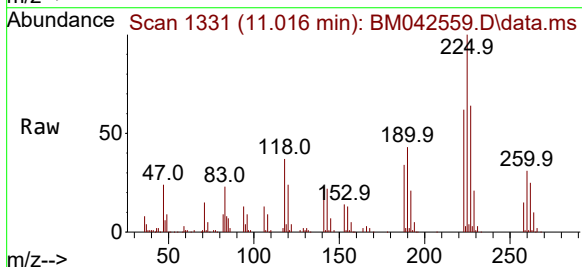
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

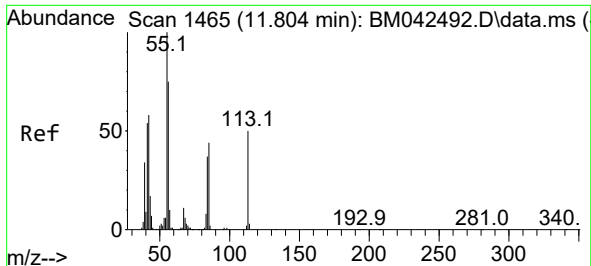
Tgt Ion:127	Resp:	33054
Ion Ratio	Lower	Upper
127	100	
129	33.2	25.0 37.4
65	37.4	29.0 43.4
92	21.4	15.4 23.2



#34
Hexachlorobutadiene
Concen: 53.019 ng
RT: 11.016 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:225	Resp:	109832
Ion Ratio	Lower	Upper
225	100	
223	61.8	50.0 75.0
227	64.3	50.6 75.8

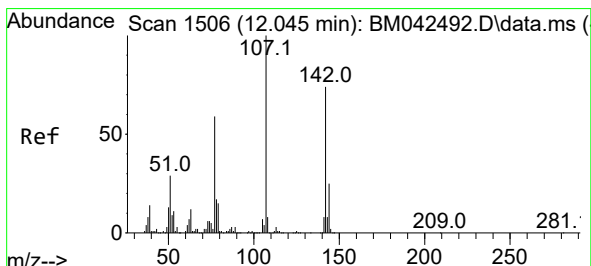
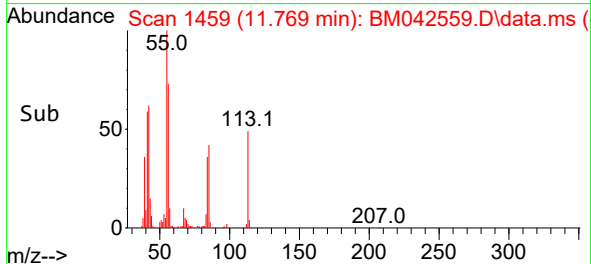
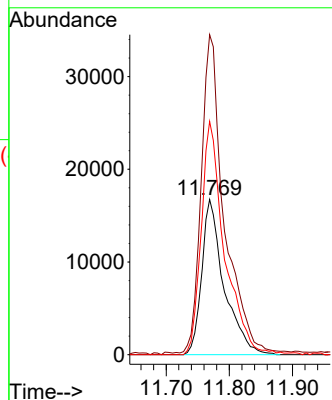
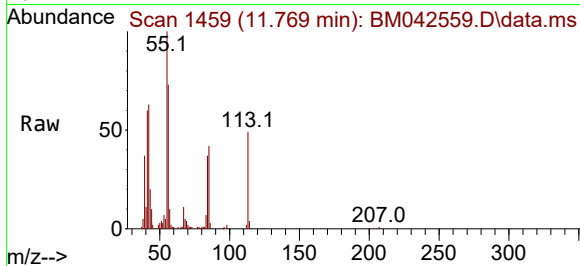




#35
Caprolactam
Concen: 37.620 ng
RT: 11.769 min Scan# 1465
Delta R.T. -0.035 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

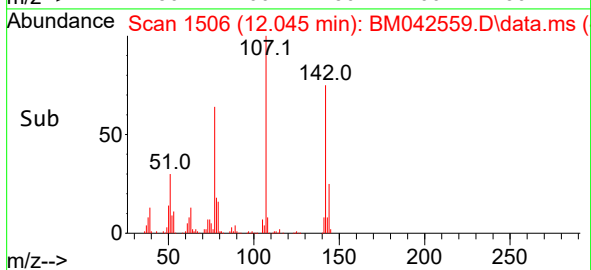
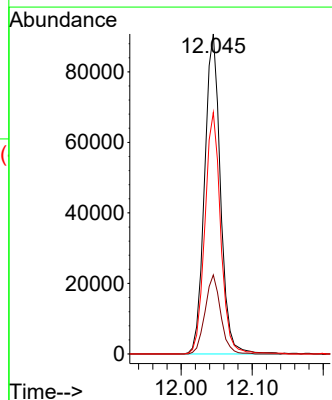
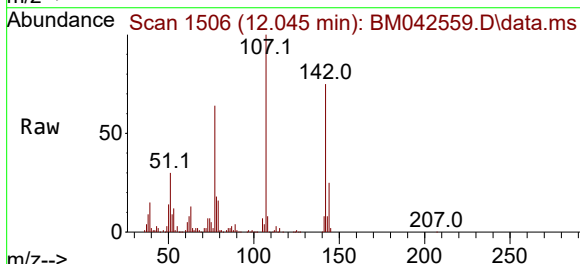
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

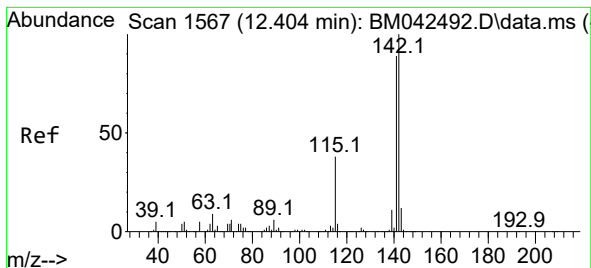
Tgt Ion:113 Resp: 41152
Ion Ratio Lower Upper
113 100
55 206.2 180.9 220.9
56 150.3 130.0 170.0



#36
4-Chloro-3-methylphenol
Concen: 39.896 ng
RT: 12.045 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:107 Resp: 141358
Ion Ratio Lower Upper
107 100
144 24.7 20.2 30.2
142 75.5 59.5 89.3





#37

2-Methylnaphthalene

Concen: 42.245 ng

RT: 12.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

Instrument :

BNA_M

ClientSampleId :

ETGI-352MSD

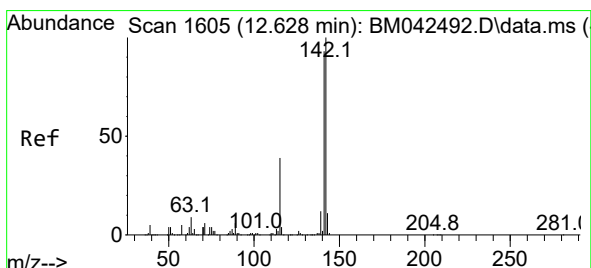
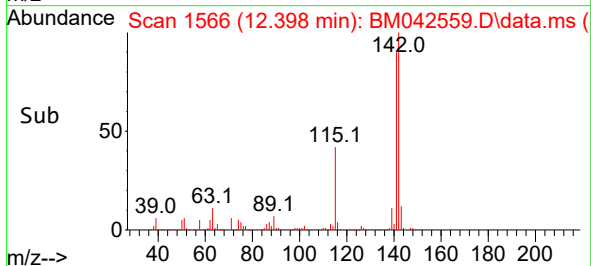
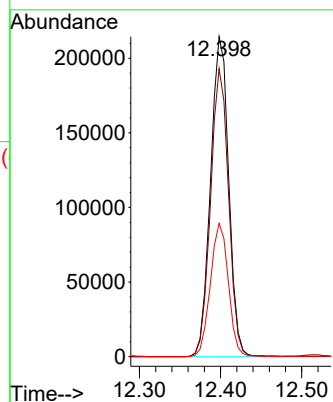
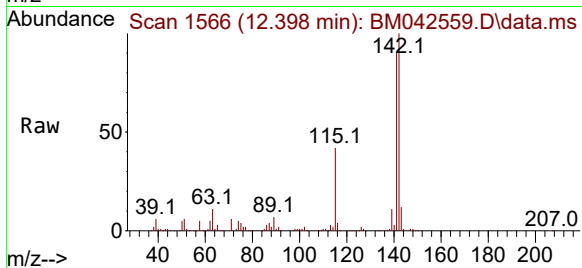
Tgt Ion:142 Resp: 332976

Ion Ratio Lower Upper

142 100

141 90.0 70.9 106.3

115 41.7 30.2 45.2



#38

1-Methylnaphthalene

Concen: 43.812 ng

RT: 12.622 min Scan# 1604

Delta R.T. -0.006 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

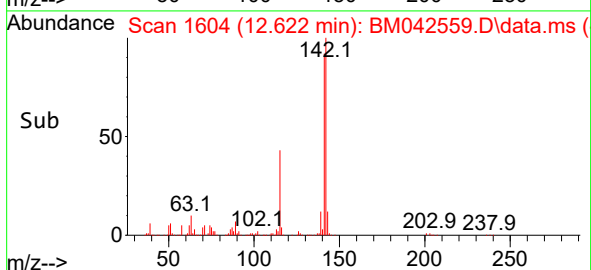
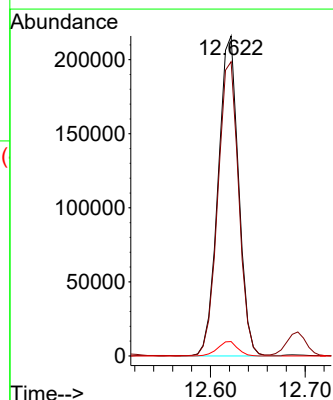
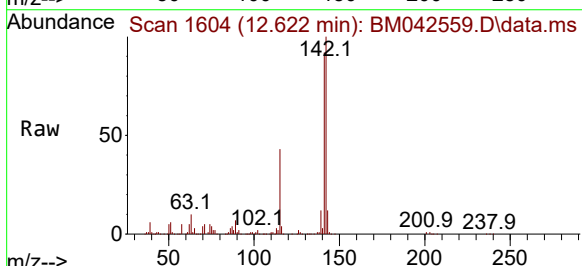
Tgt Ion:142 Resp: 325042

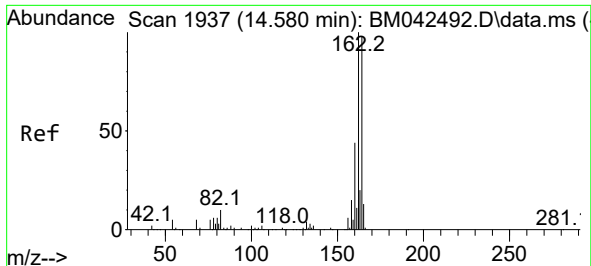
Ion Ratio Lower Upper

142 100

141 91.9 74.4 111.6

116 4.5 3.2 4.8

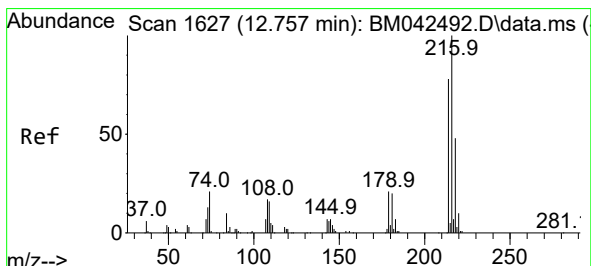
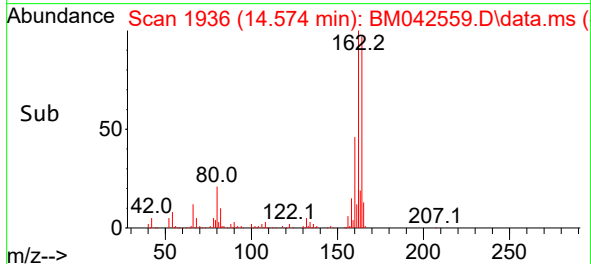
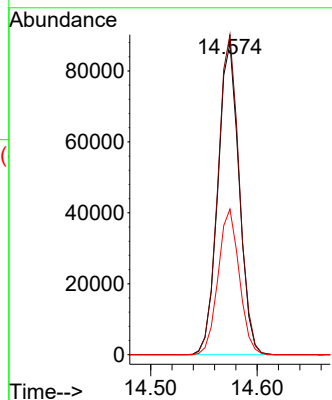
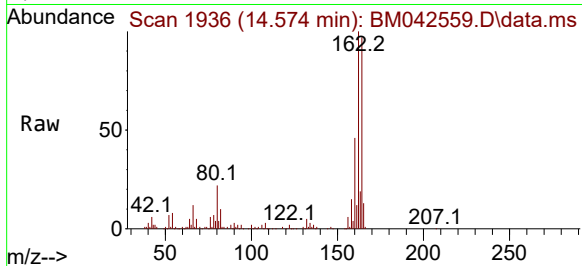




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

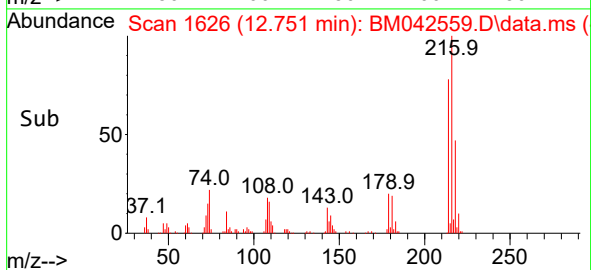
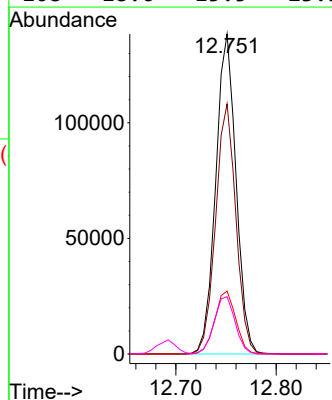
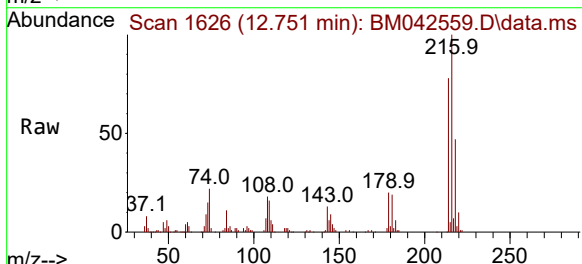
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

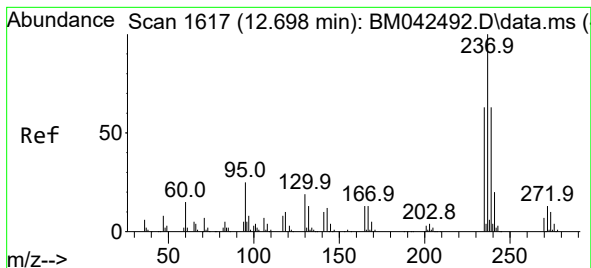
Tgt Ion:164 Resp: 121460
Ion Ratio Lower Upper
164 100
162 102.7 81.6 122.4
160 46.7 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.661 ng
RT: 12.751 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:216 Resp: 194713
Ion Ratio Lower Upper
216 100
214 77.9 62.5 93.7
179 20.2 16.7 25.1
108 18.6 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 86.817 ng

RT: 12.692 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

Instrument :

BNA_M

ClientSampleId :

ETGI-352MSD

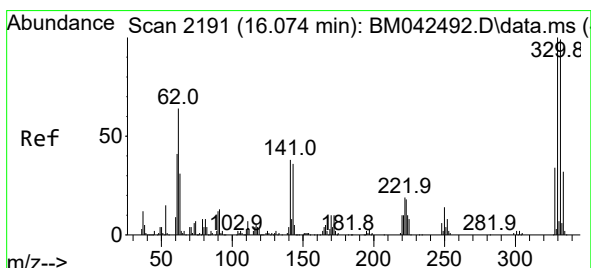
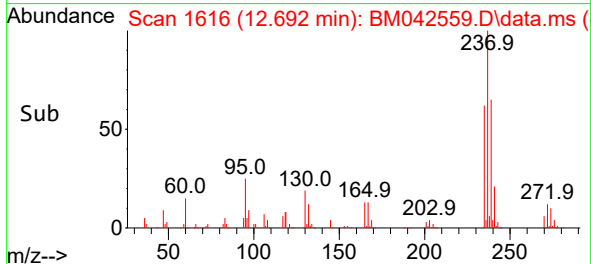
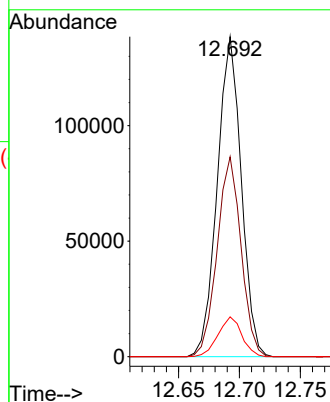
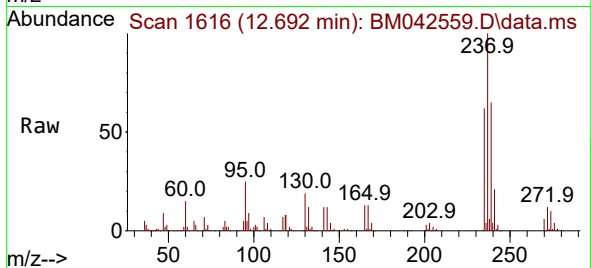
Tgt Ion:237 Resp: 190078

Ion Ratio Lower Upper

237 100

235 62.5 42.5 82.5

272 12.5 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 142.184 ng

RT: 16.069 min Scan# 2190

Delta R.T. -0.005 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

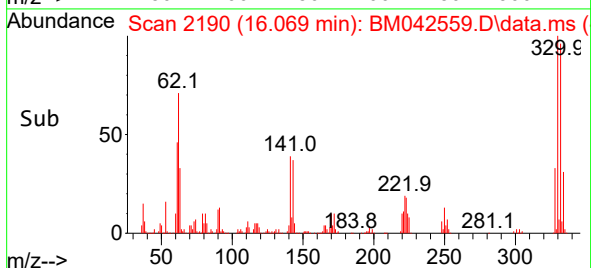
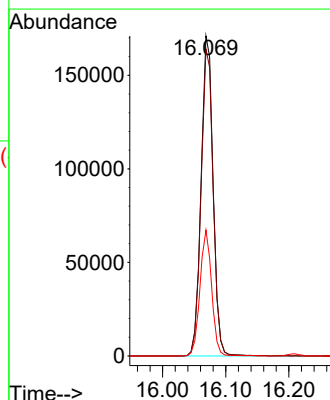
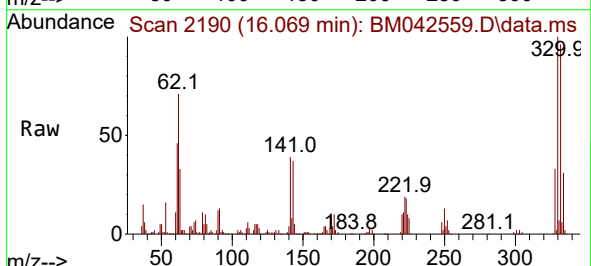
Tgt Ion:330 Resp: 225470

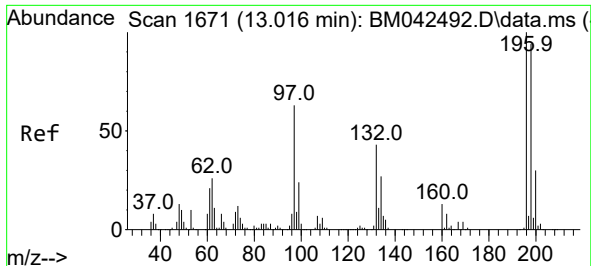
Ion Ratio Lower Upper

330 100

332 96.5 78.8 118.2

141 38.3 31.1 46.7

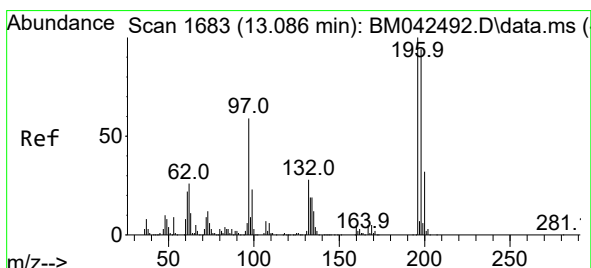
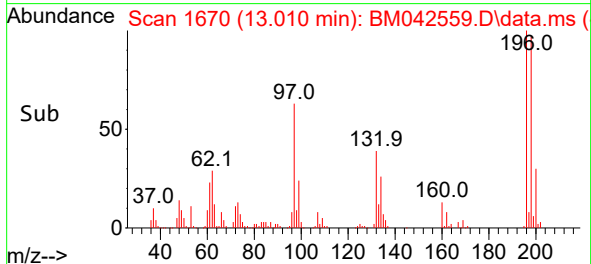
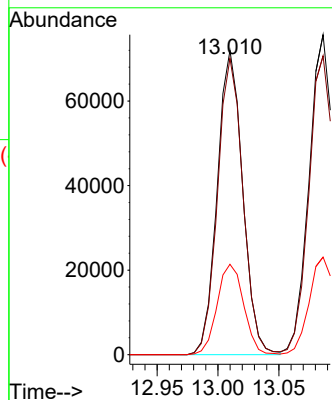
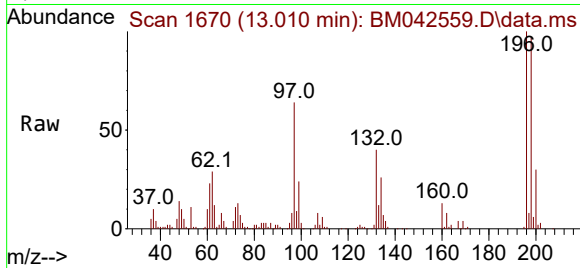




#43
2,4,6-Trichlorophenol
Concen: 45.019 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

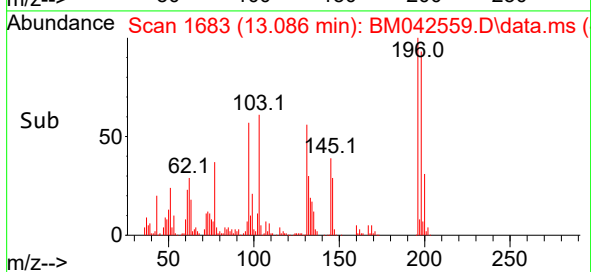
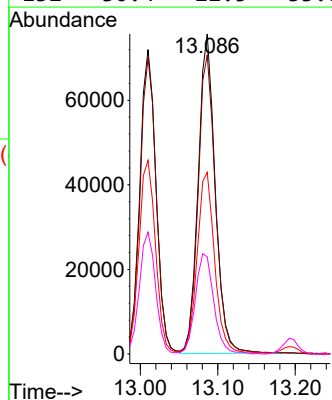
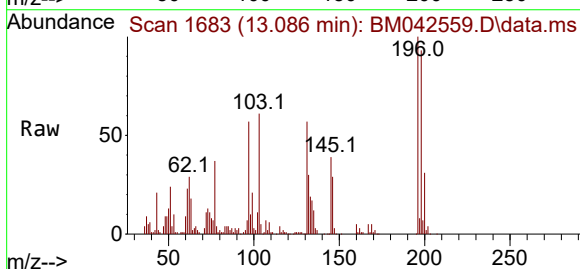
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

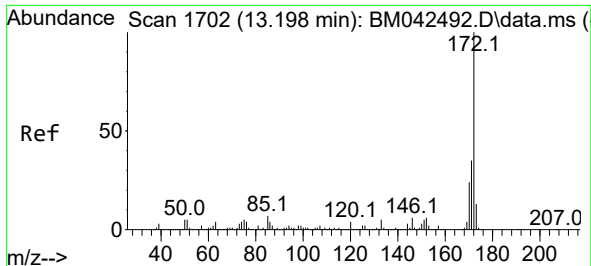
Tgt Ion:196 Resp: 104630
Ion Ratio Lower Upper
196 100
198 97.4 75.2 112.8
200 29.7 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 41.908 ng
RT: 13.086 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:196 Resp: 115903
Ion Ratio Lower Upper
196 100
198 93.4 75.1 112.7
97 56.7 47.4 71.0
132 30.4 22.5 33.7

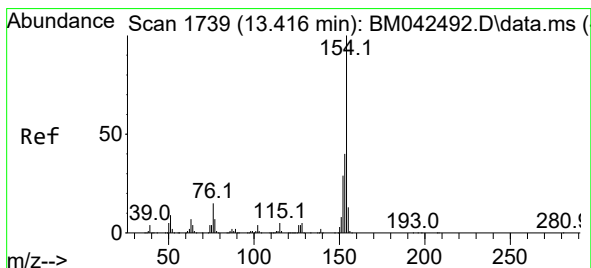
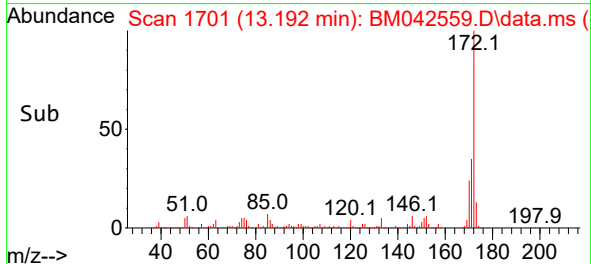
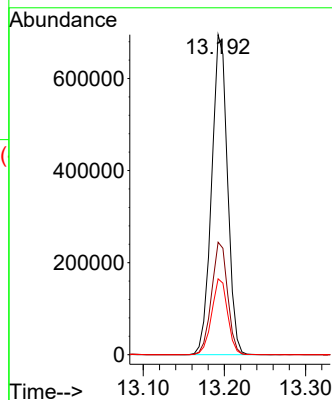
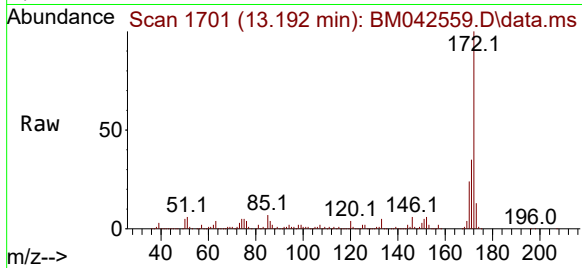




#45
2-Fluorobiphenyl
Concen: 104.425 ng
RT: 13.192 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

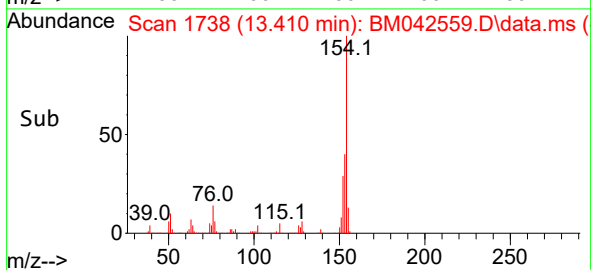
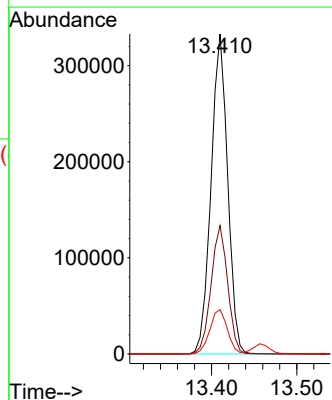
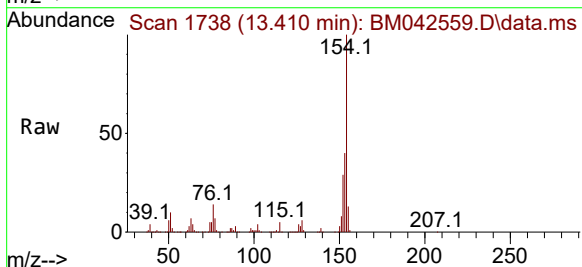
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

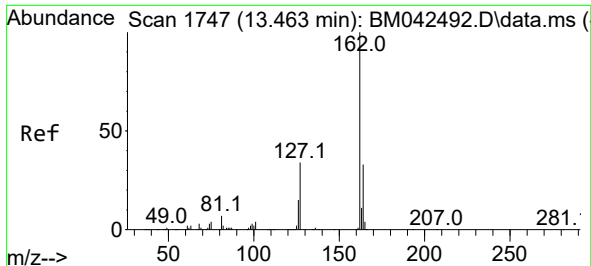
Tgt Ion:172 Resp: 942587
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 48.582 ng
RT: 13.410 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:154 Resp: 451062
Ion Ratio Lower Upper
154 100
153 40.1 20.3 60.3
76 13.8 0.0 35.0

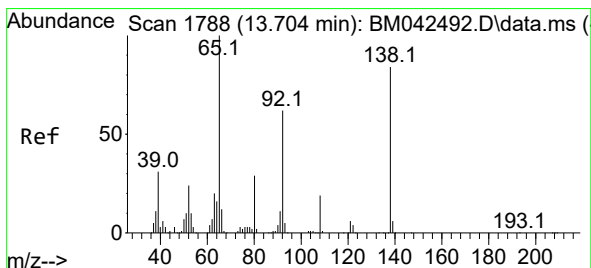
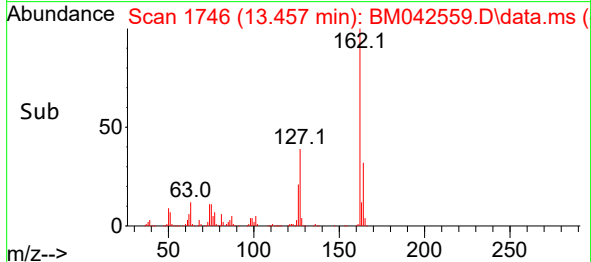
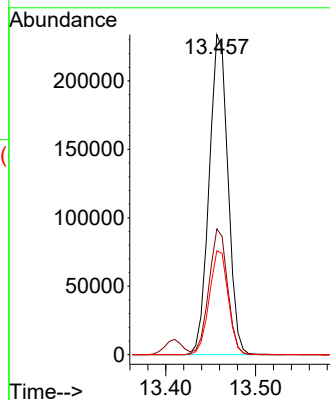
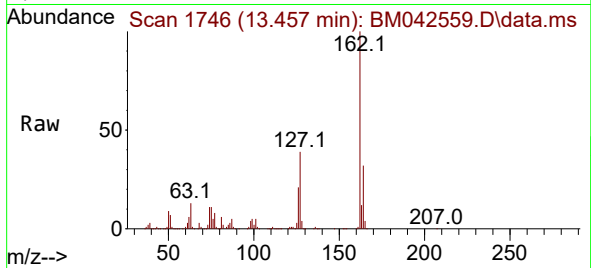




#47
2-Chloronaphthalene
Concen: 49.956 ng
RT: 13.457 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

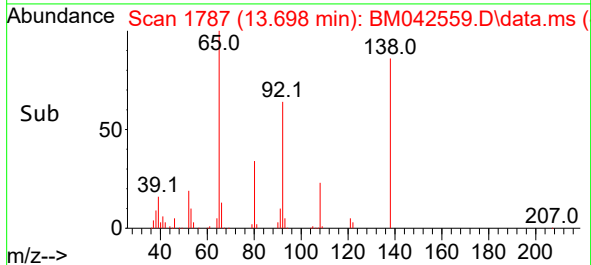
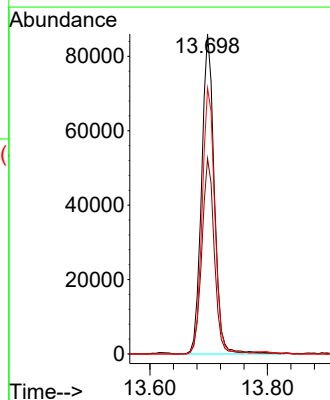
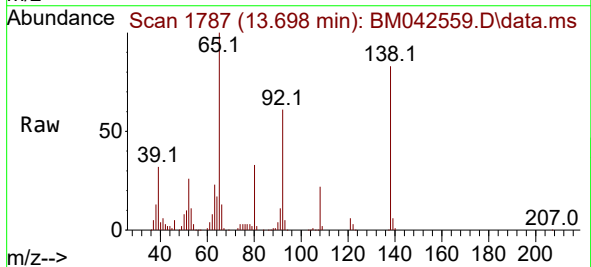
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

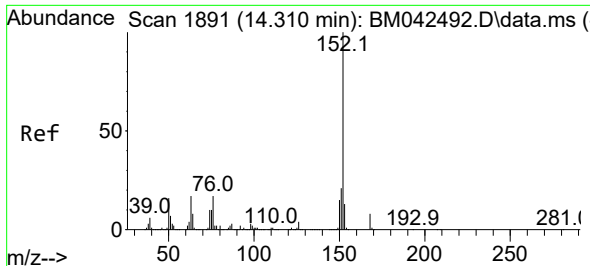
Tgt Ion:162 Resp: 340263
Ion Ratio Lower Upper
162 100
127 39.3 31.1 46.7
164 32.4 26.2 39.4



#48
2-Nitroaniline
Concen: 47.182 ng
RT: 13.698 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion: 65 Resp: 129397
Ion Ratio Lower Upper
65 100
92 61.0 49.4 74.2
138 83.0 66.9 100.3

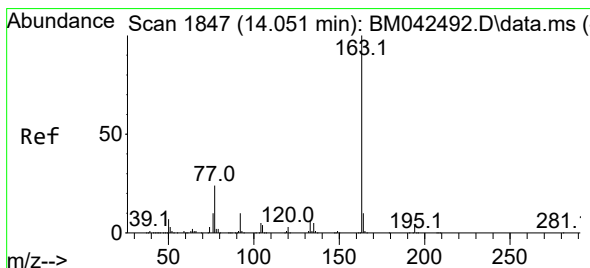
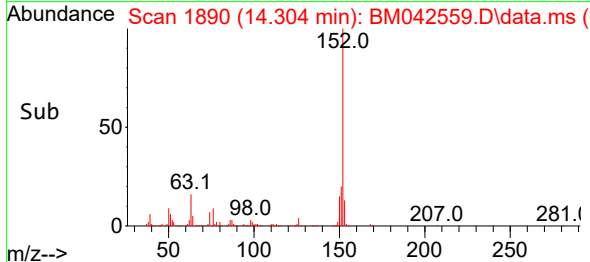
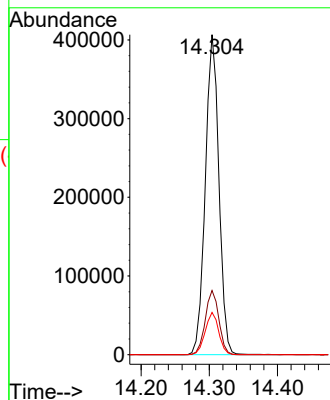
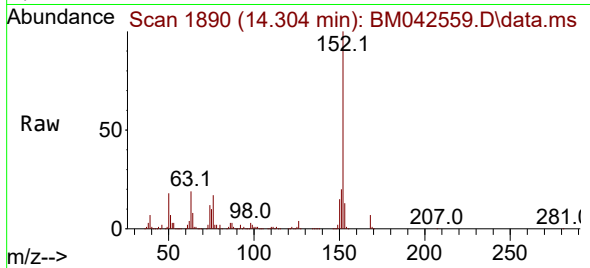




#49
Acenaphthylene
Concen: 49.941 ng
RT: 14.304 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

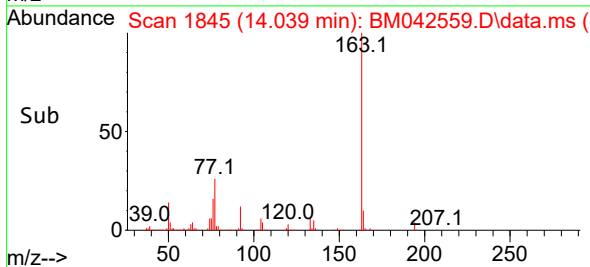
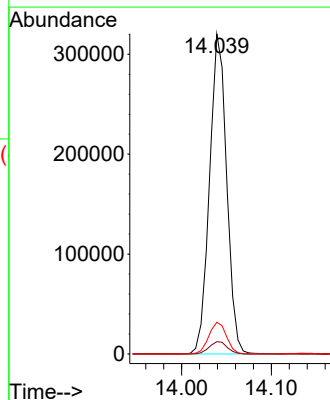
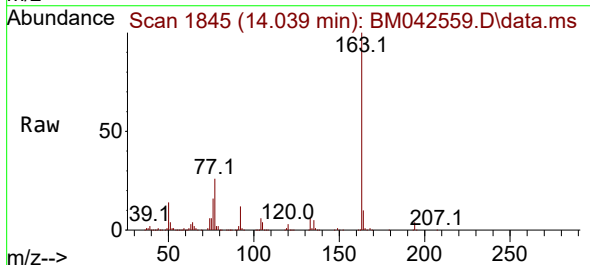
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

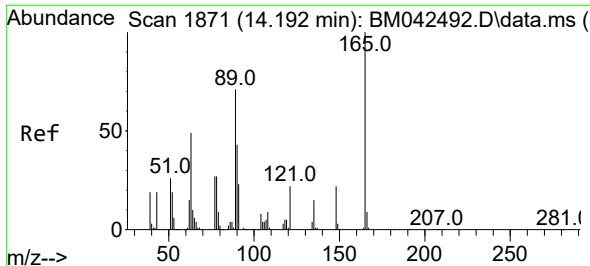
Tgt Ion:152 Resp: 563363
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 46.837 ng
RT: 14.039 min Scan# 1845
Delta R.T. -0.012 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:163 Resp: 425188
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.9 7.8 11.8

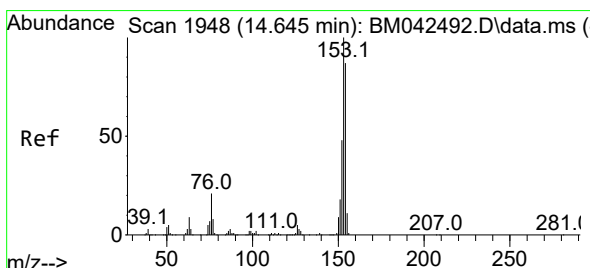
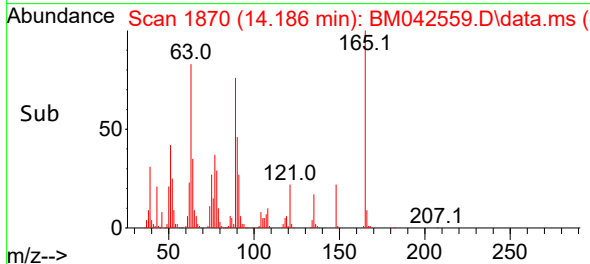
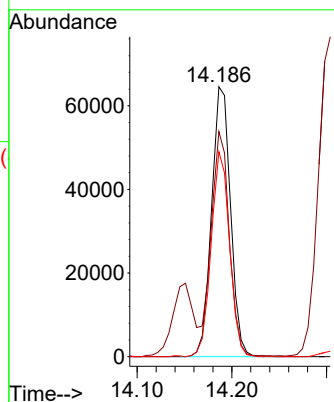
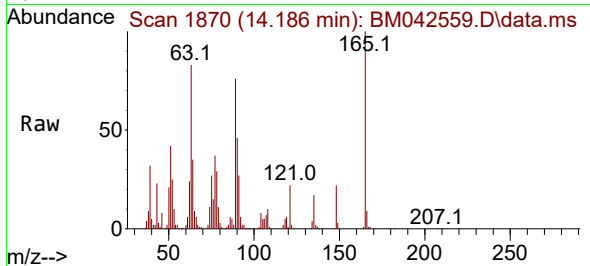




#51
2,6-Dinitrotoluene
Concen: 47.842 ng
RT: 14.186 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

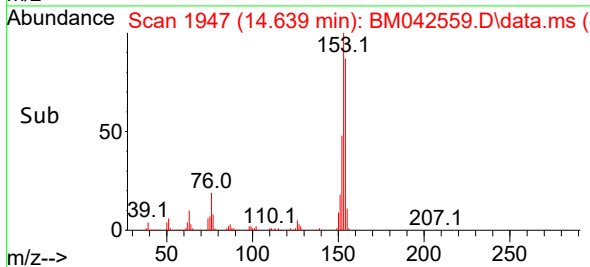
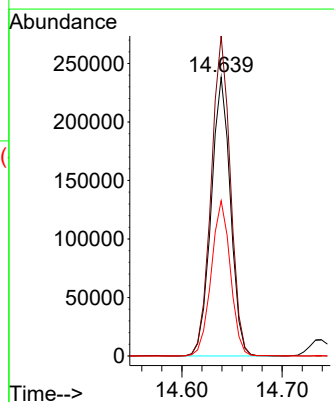
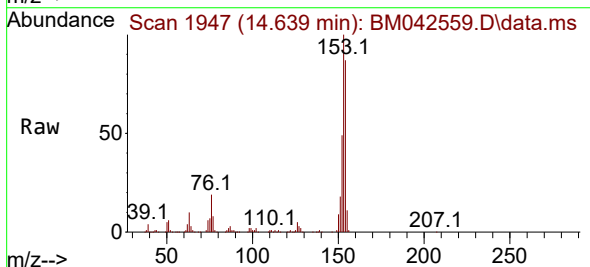
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

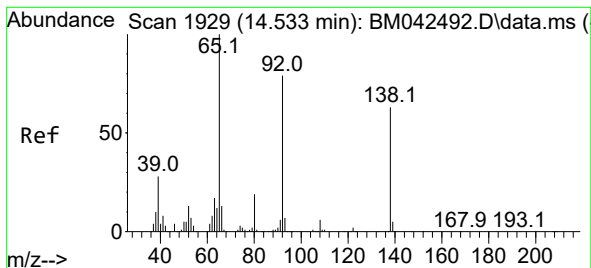
Tgt Ion:165 Resp: 89510
Ion Ratio Lower Upper
165 100
63 83.4 59.4 89.0
89 75.9 57.0 85.6



#52
Acenaphthene
Concen: 46.507 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:154 Resp: 318394
Ion Ratio Lower Upper
154 100
153 114.8 92.0 138.0
152 55.7 44.0 66.0

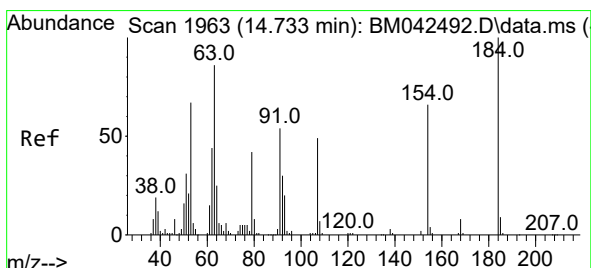
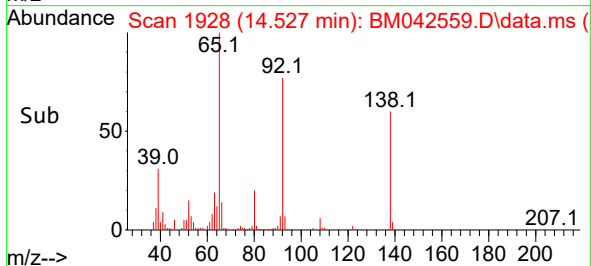
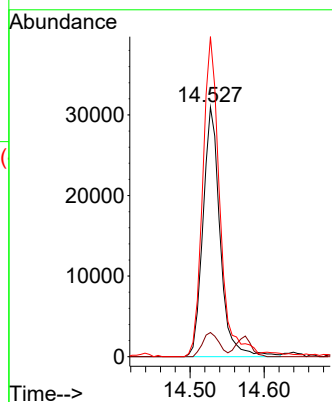
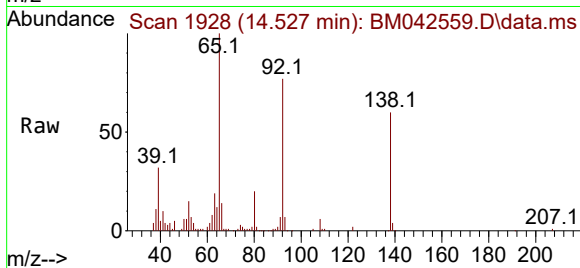




#53
3-Nitroaniline
Concen: 25.867 ng
RT: 14.527 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

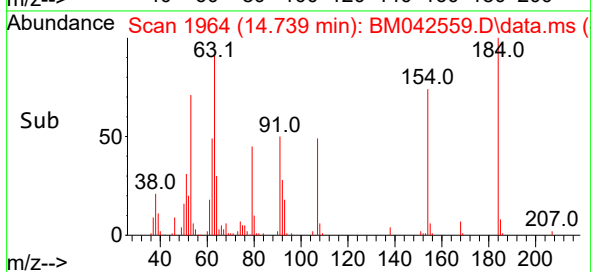
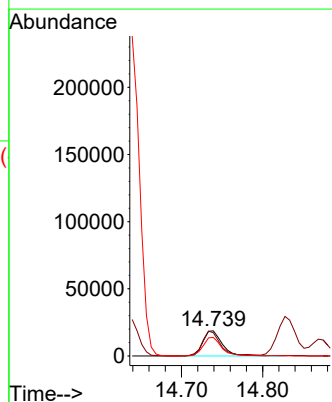
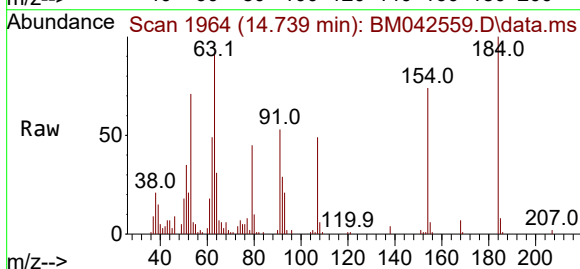
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

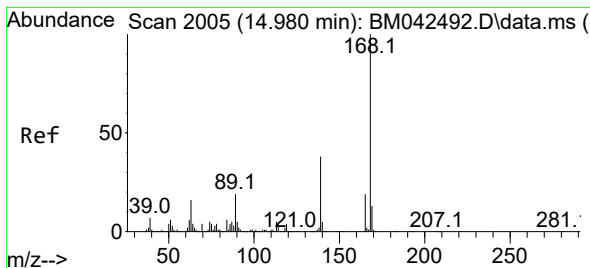
Tgt Ion:138 Resp: 49641
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 128.3 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 28.923 ng
RT: 14.739 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:184 Resp: 31127
Ion Ratio Lower Upper
184 100
63 92.3 69.2 103.8
154 73.8 53.2 79.8





#55

Dibenzenofuran

Concen: 47.977 ng

RT: 14.974 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

Instrument :

BNA_M

ClientSampleId :

ETGI-352MSD

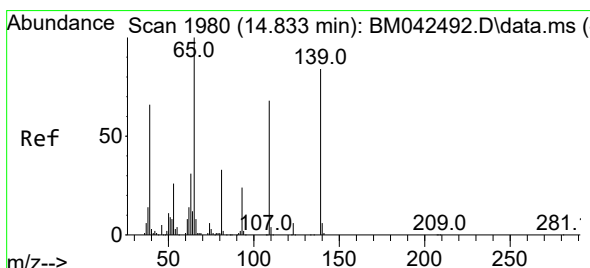
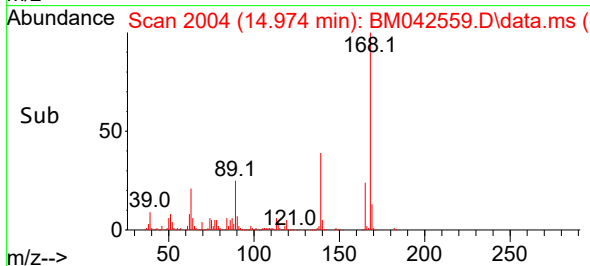
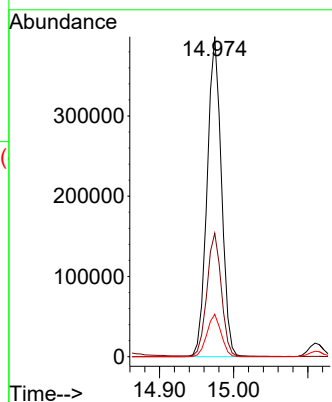
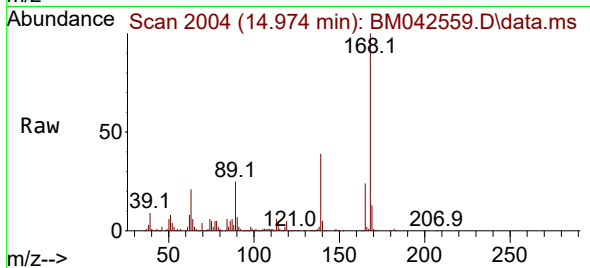
Tgt Ion:168 Resp: 534036

Ion Ratio Lower Upper

168 100

139 38.6 30.4 45.6

169 13.3 10.6 15.8



#56

4-Nitrophenol

Concen: 67.923 ng

RT: 14.827 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

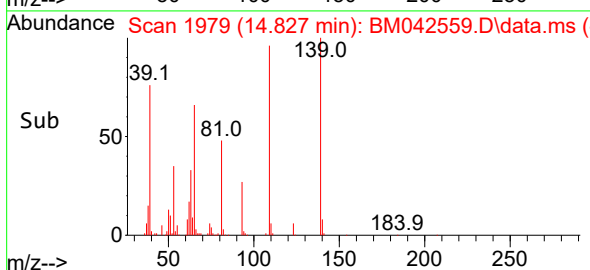
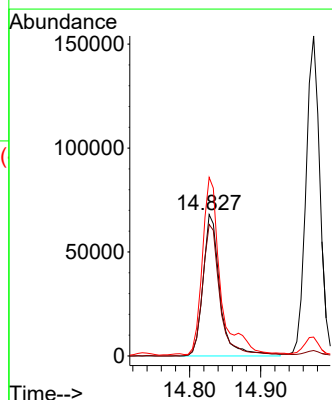
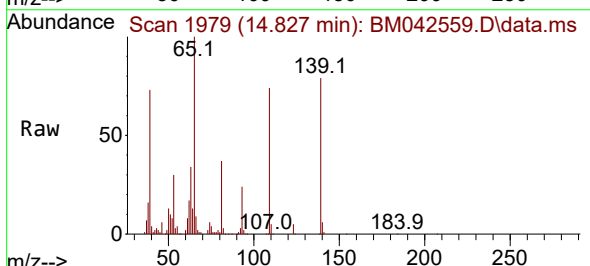
Tgt Ion:139 Resp: 113522

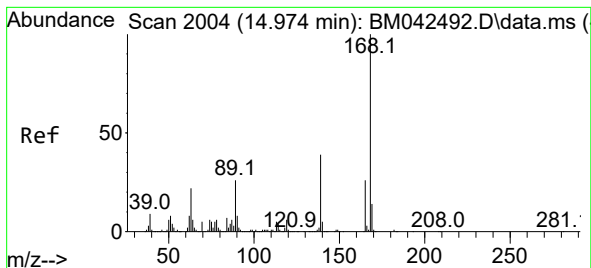
Ion Ratio Lower Upper

139 100

109 93.0 61.3 101.3

65 126.3 100.2 140.2

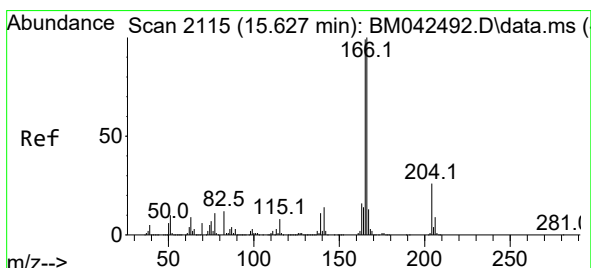
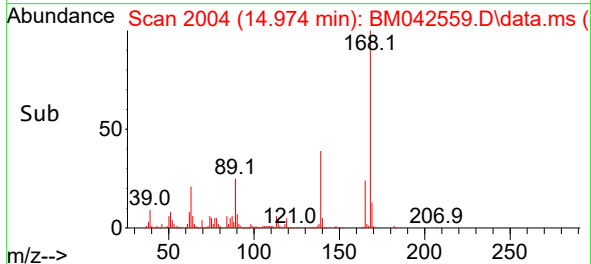
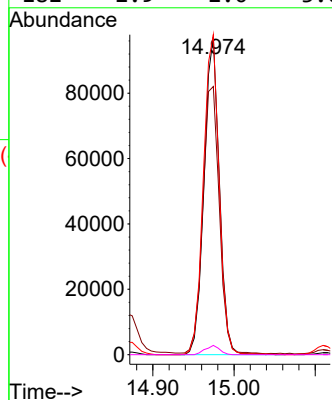
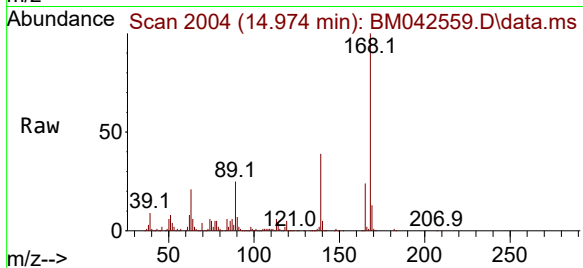




#57
2,4-Dinitrotoluene
Concen: 45.091 ng
RT: 14.974 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

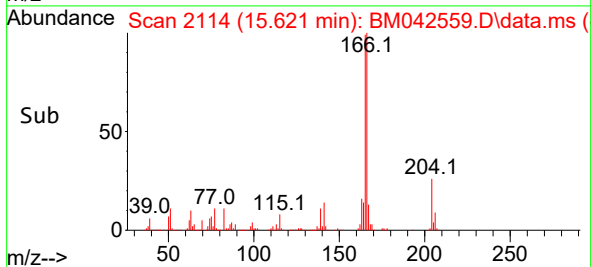
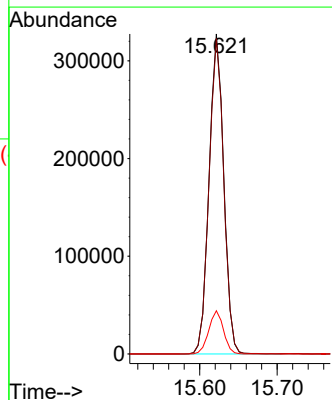
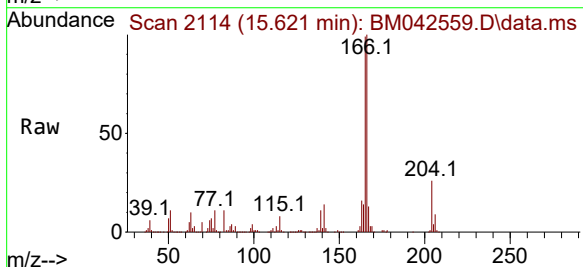
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

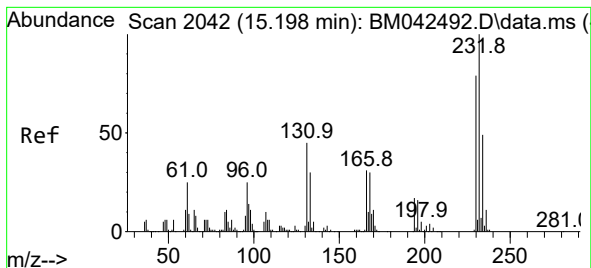
Tgt Ion:165 Resp: 127098
Ion Ratio Lower Upper
165 100
63 84.4 66.7 100.1
89 100.7 80.2 120.4
182 2.9 2.0 3.0



#58
Fluorene
Concen: 47.840 ng
RT: 15.621 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:166 Resp: 430857
Ion Ratio Lower Upper
166 100
165 98.6 79.3 118.9
167 13.5 10.5 15.7

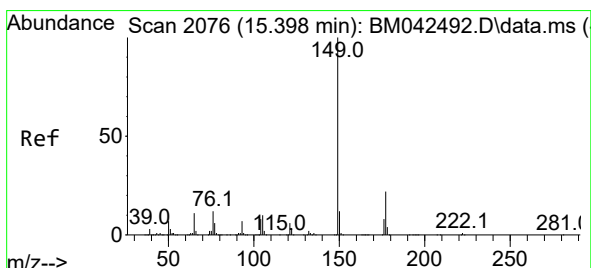
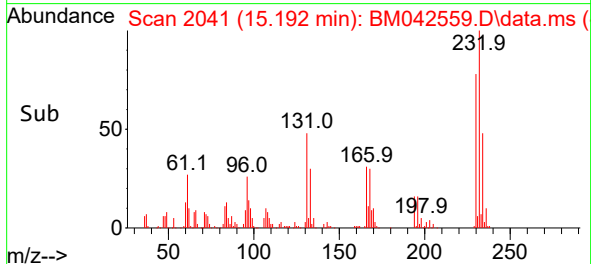
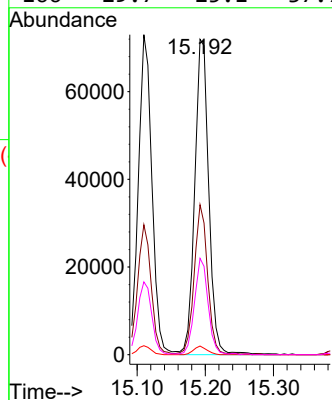
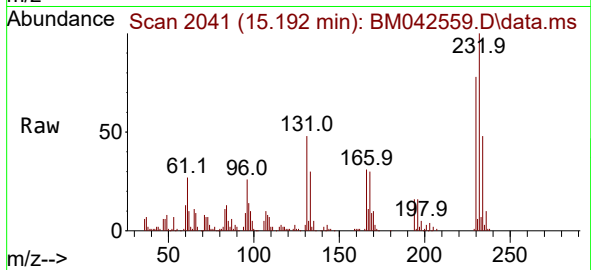




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.039 ng
RT: 15.192 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

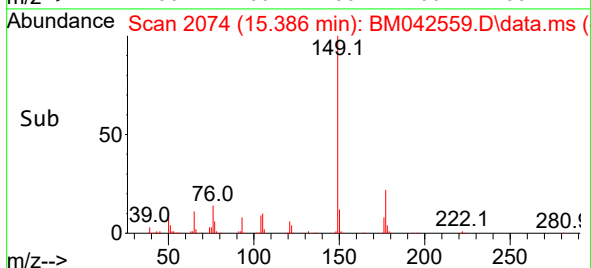
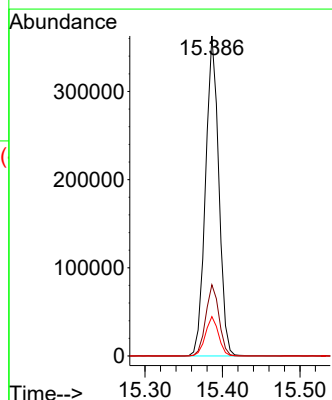
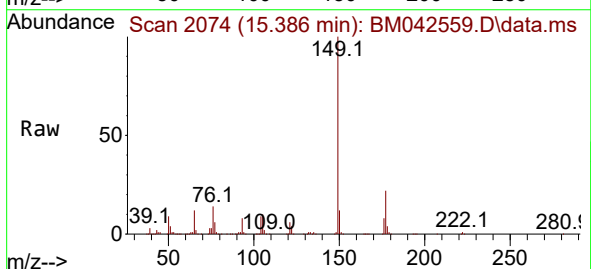
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

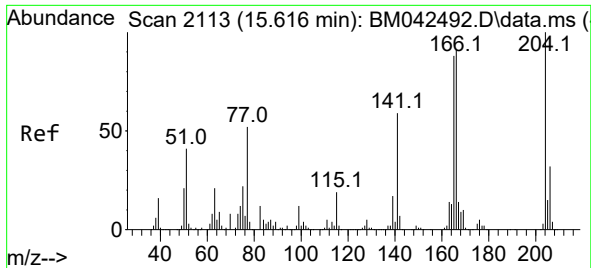
Tgt Ion:232 Resp: 102587
Ion Ratio Lower Upper
232 100
131 45.9 37.2 55.8
130 2.6 2.1 3.1
166 29.7 25.1 37.7



#60
Diethylphthalate
Concen: 46.894 ng
RT: 15.386 min Scan# 2074
Delta R.T. -0.012 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:149 Resp: 431283
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.3 9.8 14.6

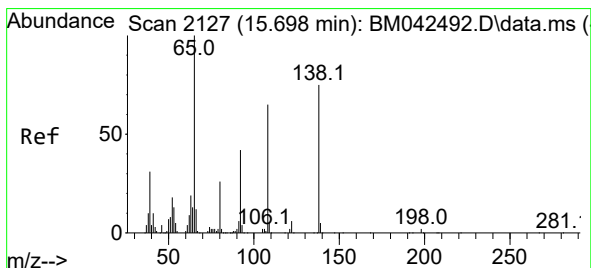
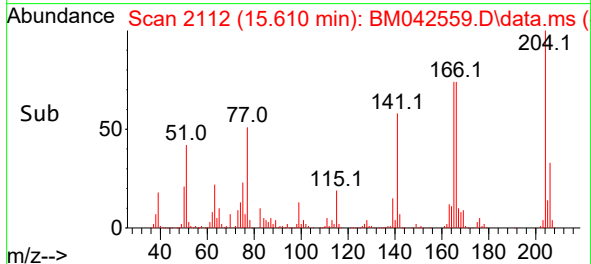
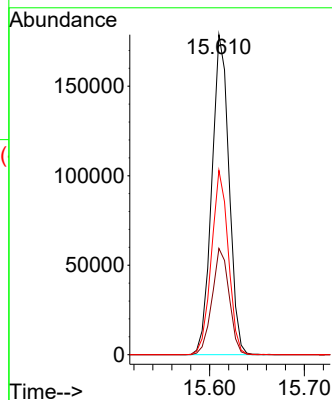
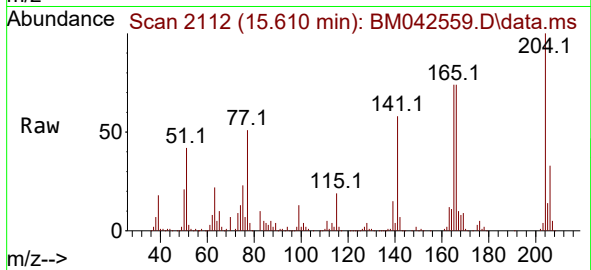




#61
4-Chlorophenyl-phenylether
Concen: 49.428 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

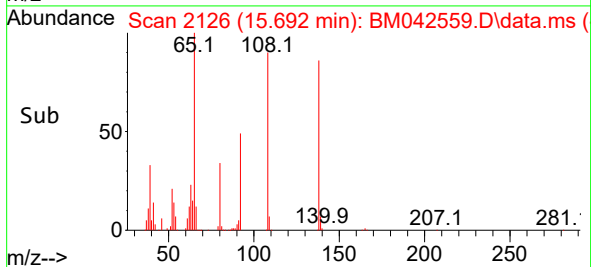
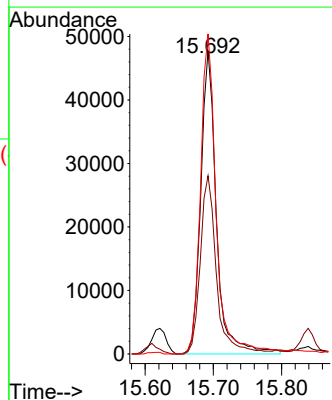
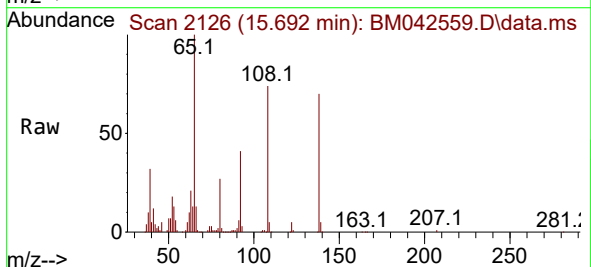
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

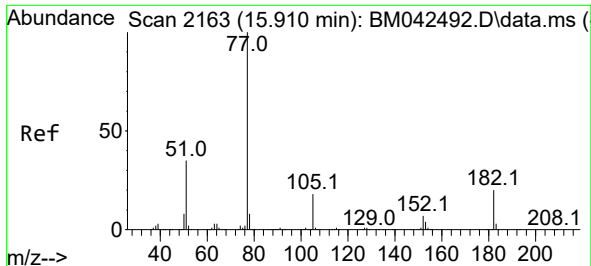
Tgt Ion:204 Resp: 224893
Ion Ratio Lower Upper
204 100
206 33.2 25.9 38.9
141 57.6 46.8 70.2



#62
4-Nitroaniline
Concen: 41.540 ng
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:138 Resp: 76201
Ion Ratio Lower Upper
138 100
92 58.8 37.0 77.0
108 105.6 67.2 107.2

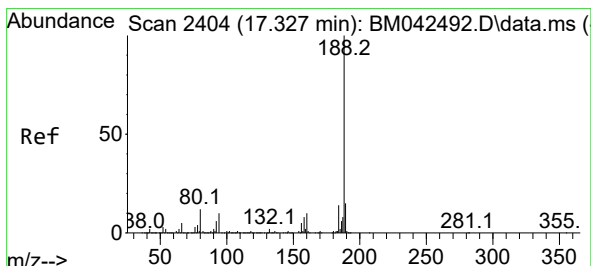
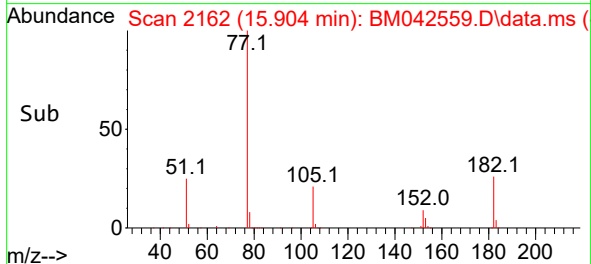
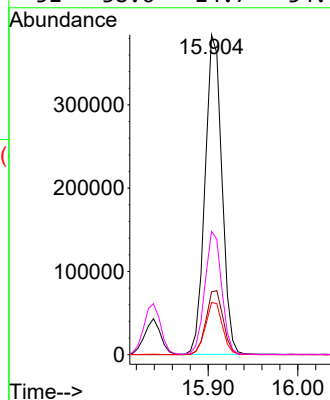
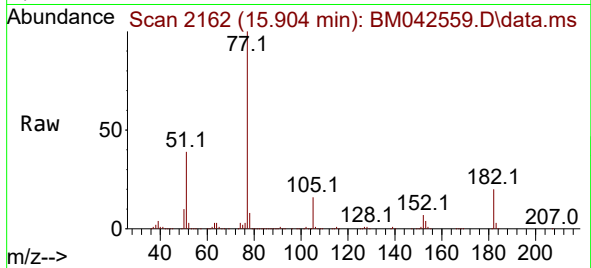




#63
Azobenzene
Concen: 49.421 ng
RT: 15.904 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

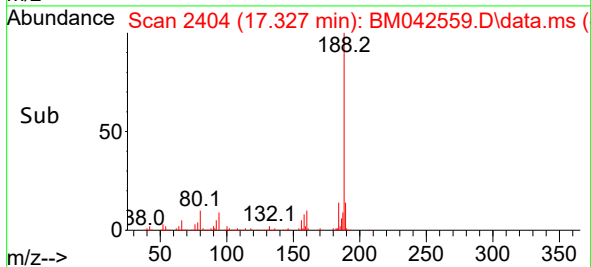
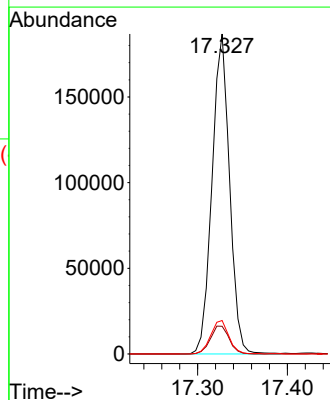
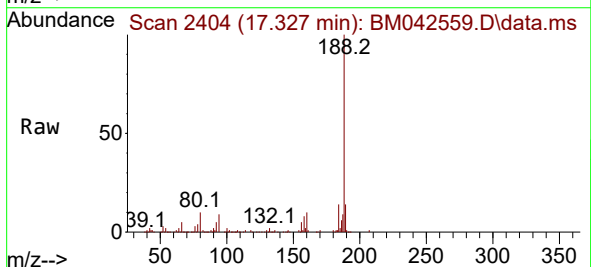
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

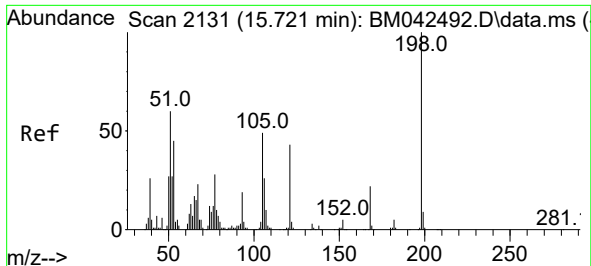
Tgt Ion: 77 Resp: 500870
Ion Ratio Lower Upper
77 100
182 19.7 0.0 40.0
105 16.3 0.0 37.9
51 38.6 14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:188 Resp: 253043
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.4
80 10.4 9.4 14.2

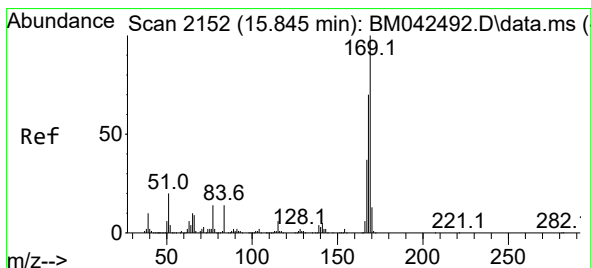
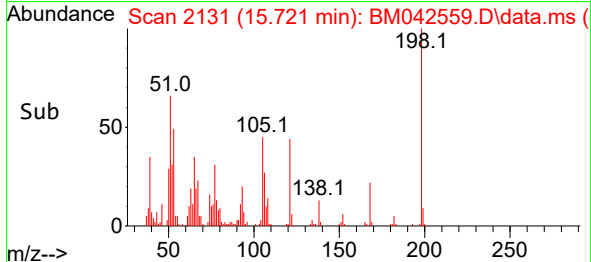
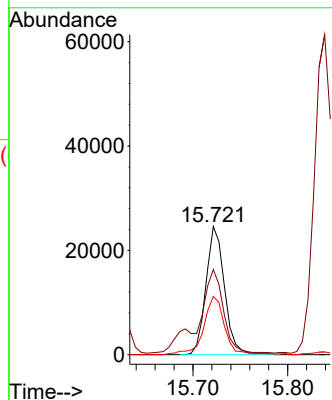
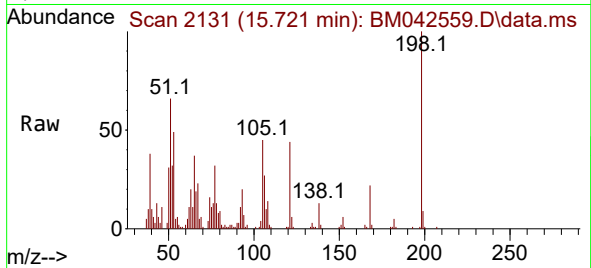




#65
4,6-Dinitro-2-methylphenol
Concen: 23.847 ng
RT: 15.721 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

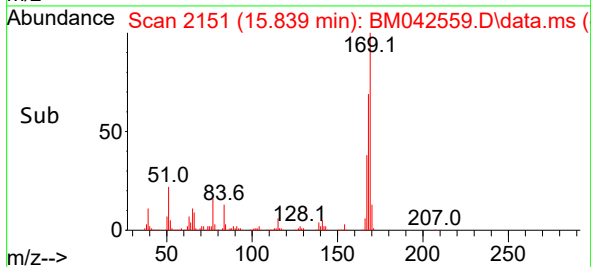
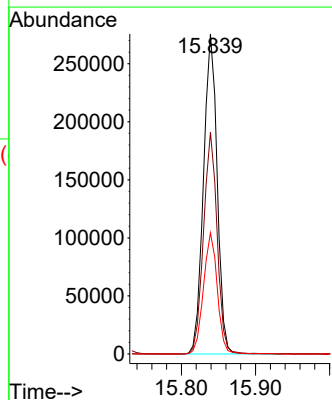
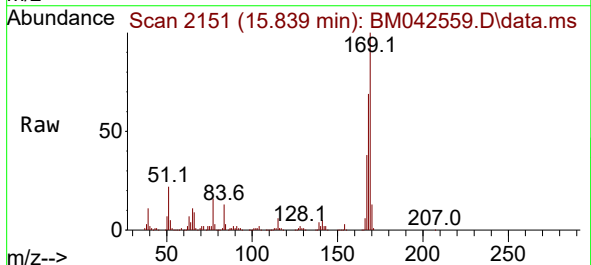
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

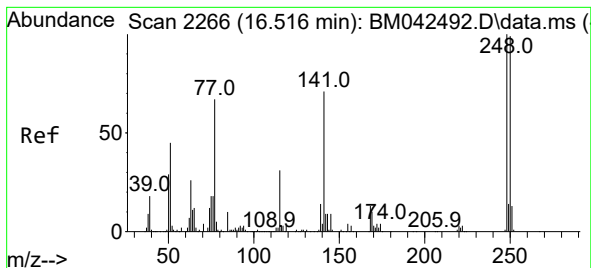
Tgt Ion:198 Resp: 33355
Ion Ratio Lower Upper
198 100
51 66.4 42.4 82.4
105 45.5 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 49.634 ng
RT: 15.839 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:169 Resp: 354136
Ion Ratio Lower Upper
169 100
168 69.2 55.9 83.9
167 37.9 29.8 44.8

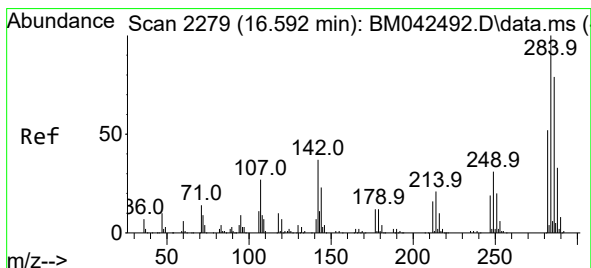
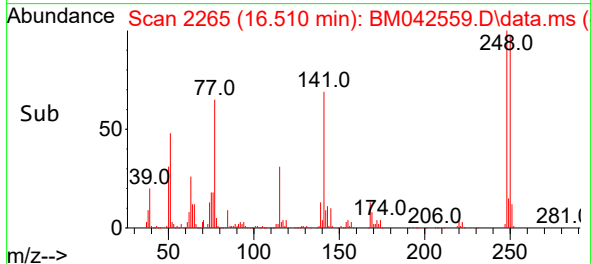
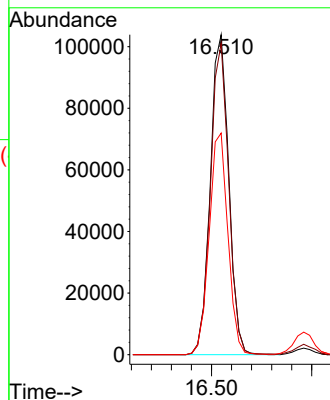
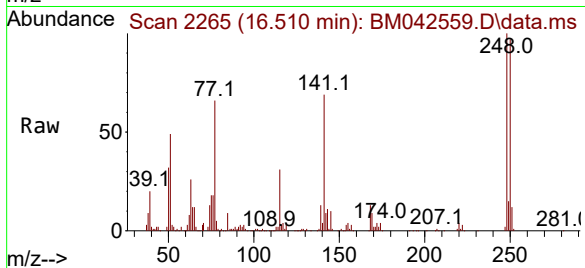




#67
4-Bromophenyl-phenylether
Concen: 52.576 ng
RT: 16.510 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

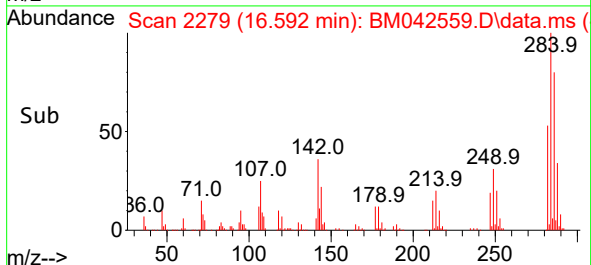
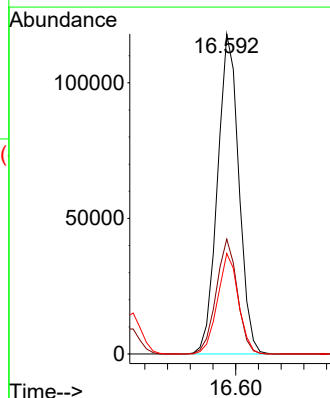
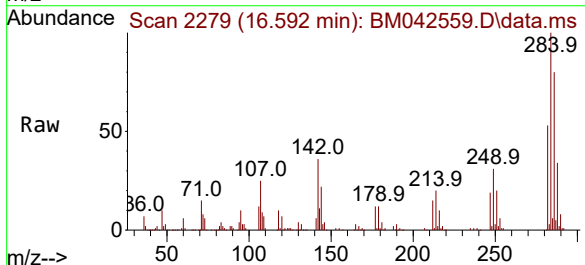
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

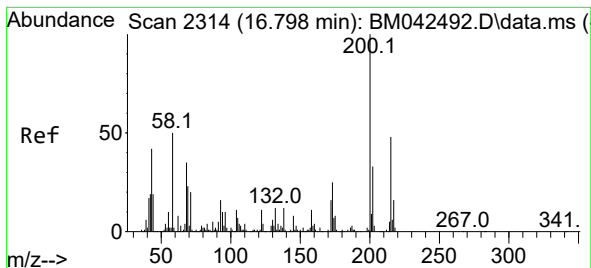
Tgt Ion:248 Resp: 133031
Ion Ratio Lower Upper
248 100
250 97.3 79.4 119.0
141 69.2 57.0 85.6



#68
Hexachlorobenzene
Concen: 55.097 ng
RT: 16.592 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:284 Resp: 154229
Ion Ratio Lower Upper
284 100
142 35.9 29.8 44.6
249 31.4 25.1 37.7





#69

Atrazine

Concen: 65.550 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

Instrument :

BNA_M

ClientSampleId :

ETGI-352MSD

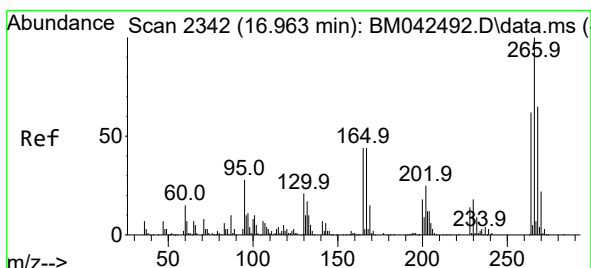
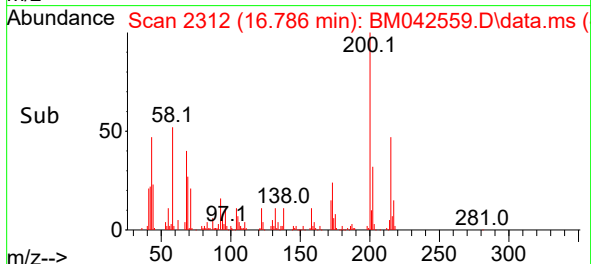
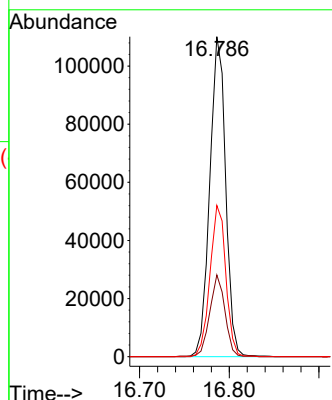
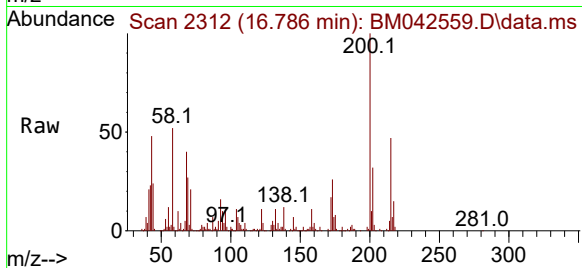
Tgt Ion:200 Resp: 135140

Ion Ratio Lower Upper

200 100

173 25.6 5.4 45.4

215 47.3 27.9 67.9



#70

Pentachlorophenol

Concen: 83.668 ng

RT: 16.957 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

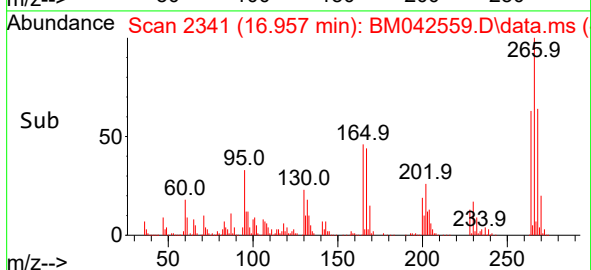
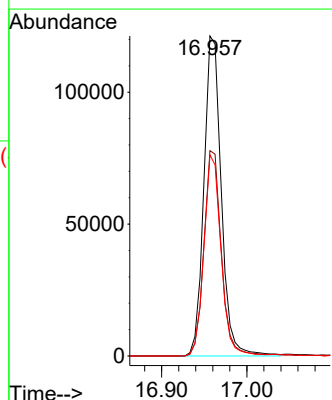
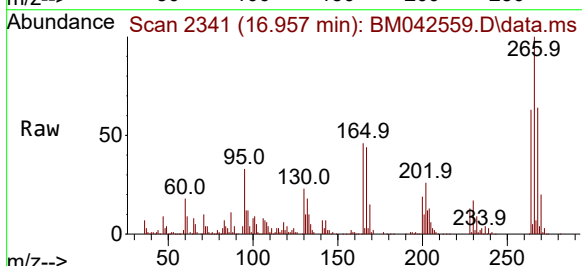
Tgt Ion:266 Resp: 172183

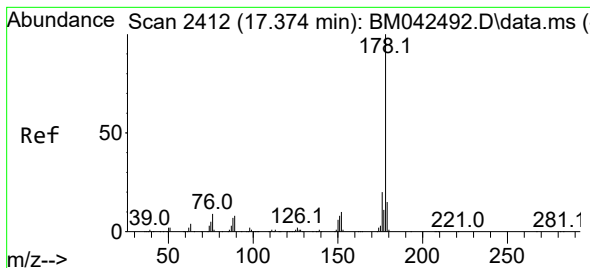
Ion Ratio Lower Upper

266 100

268 64.1 51.7 77.5

264 62.9 49.4 74.2





#71

Phenanthrene

Concen: 49.086 ng

RT: 17.368 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

Instrument :

BNA_M

ClientSampleId :

ETGI-352MSD

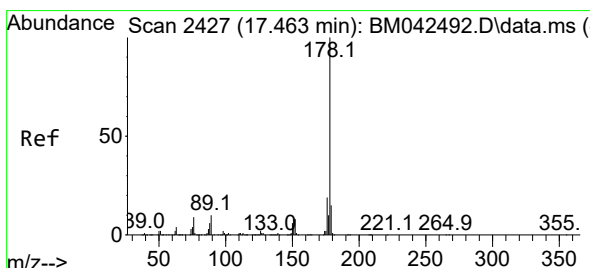
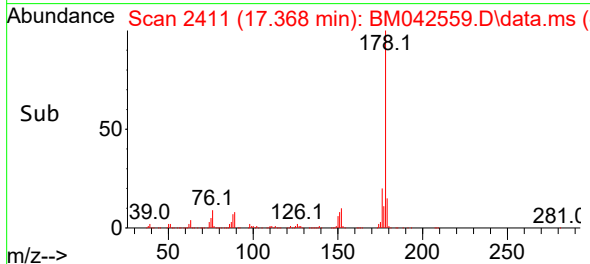
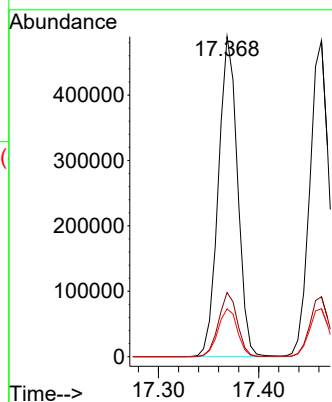
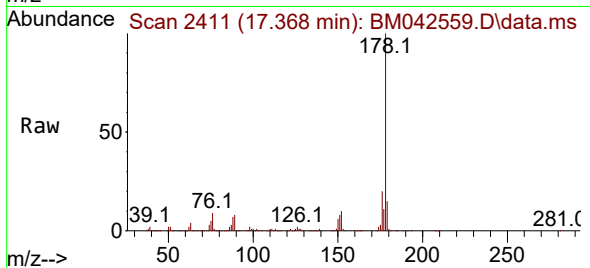
Tgt Ion:178 Resp: 649106

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

179 15.0 12.2 18.4



#72

Anthracene

Concen: 49.146 ng

RT: 17.463 min Scan# 2427

Delta R.T. 0.000 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

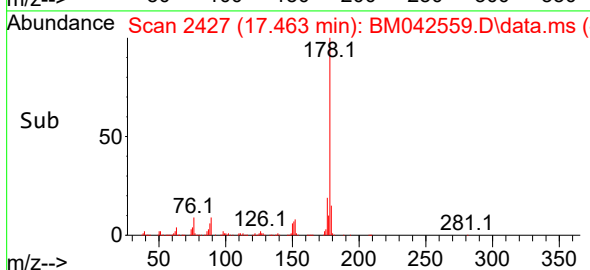
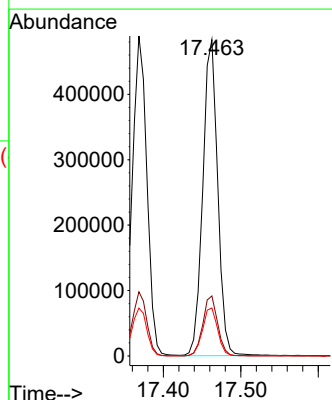
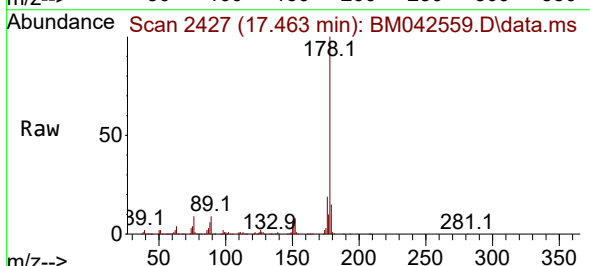
Tgt Ion:178 Resp: 643712

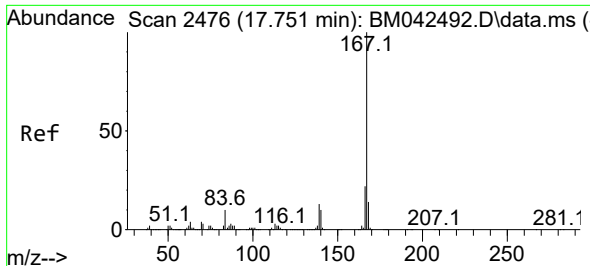
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.2 12.3 18.5

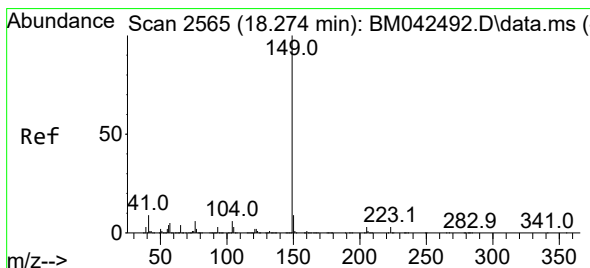
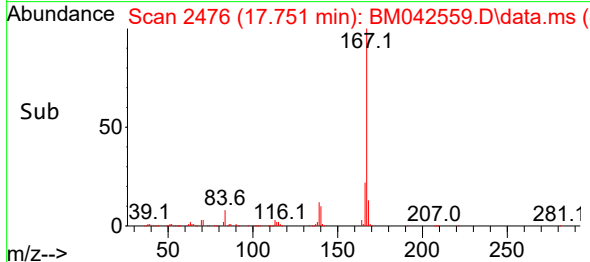
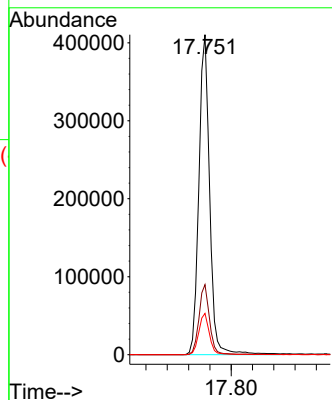
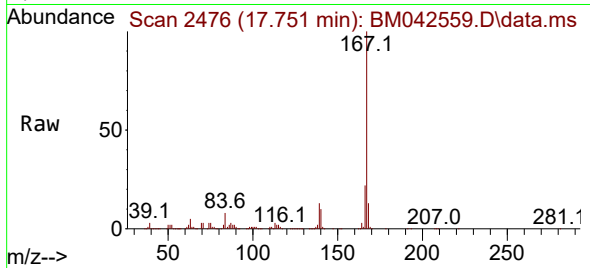




#73
 Carbazole
 Concen: 54.176 ng
 RT: 17.751 min Scan# 2476
 Delta R.T. -0.000 min
 Lab File: BM042559.D
 Acq: 02 Nov 2023 13:49

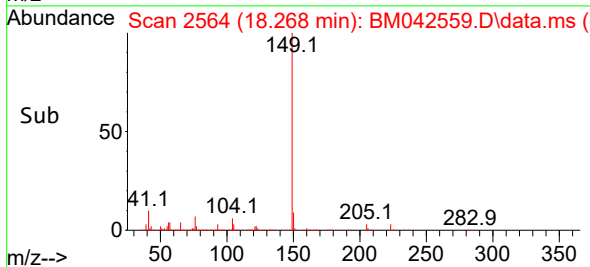
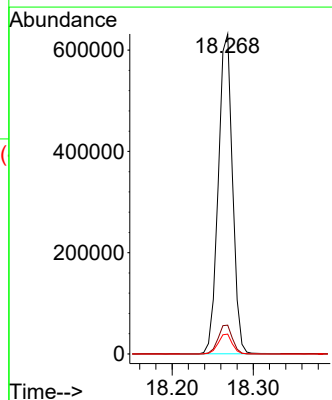
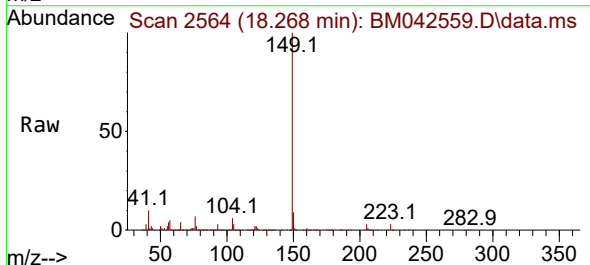
Instrument :
 BNA_M
 ClientSampleId :
 ETGI-352MSD

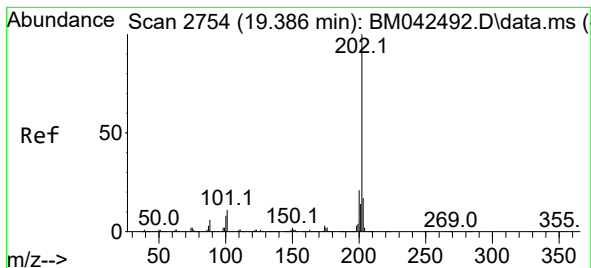
Tgt Ion:167 Resp: 577276
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 12.9 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 51.414 ng
 RT: 18.268 min Scan# 2564
 Delta R.T. -0.006 min
 Lab File: BM042559.D
 Acq: 02 Nov 2023 13:49

Tgt Ion:149 Resp: 769334
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.0 10.6
 104 6.2 4.6 6.8





#75

Fluoranthene

Concen: 50.018 ng

RT: 19.380 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

Instrument :

BNA_M

ClientSampleId :

ETGI-352MSD

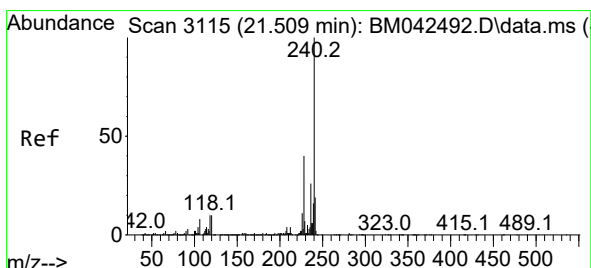
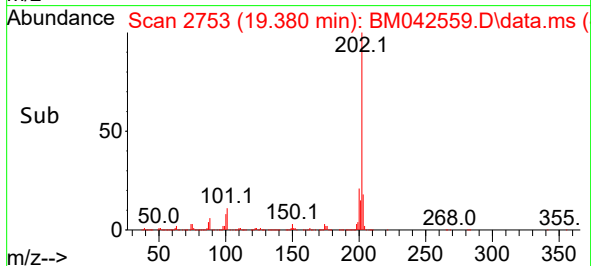
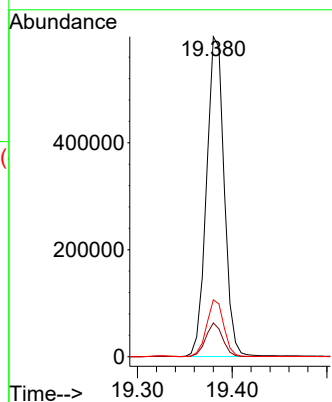
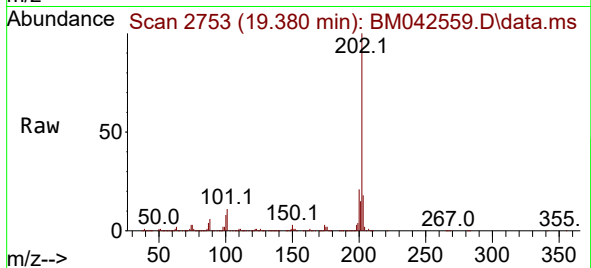
Tgt Ion:202 Resp: 776957

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.5

203 17.8 0.0 37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.509 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

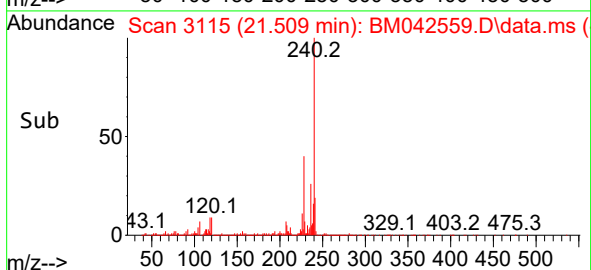
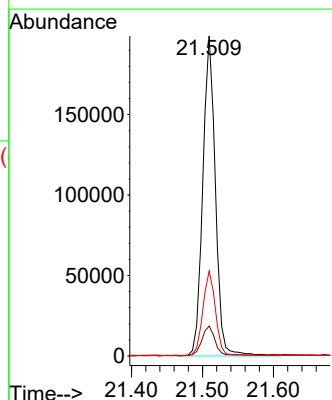
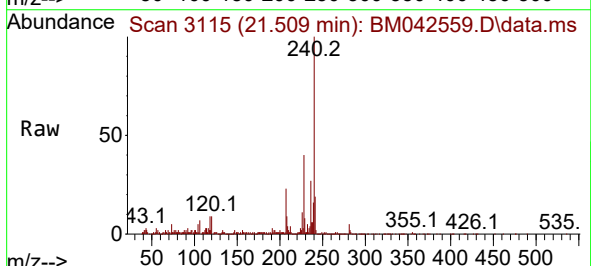
Tgt Ion:240 Resp: 246749

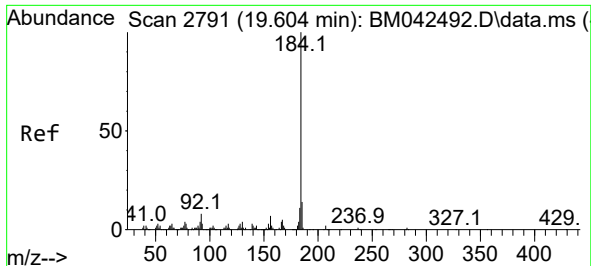
Ion Ratio Lower Upper

240 100

120 9.3 8.3 12.5

236 26.5 20.8 31.2

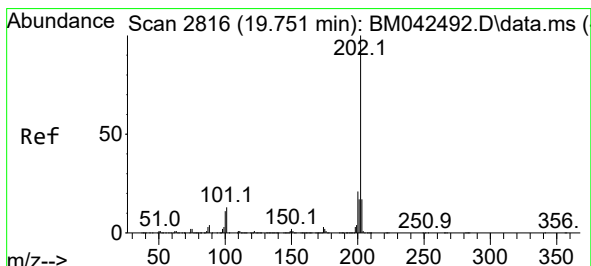
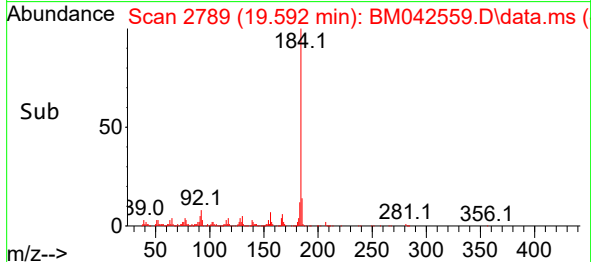
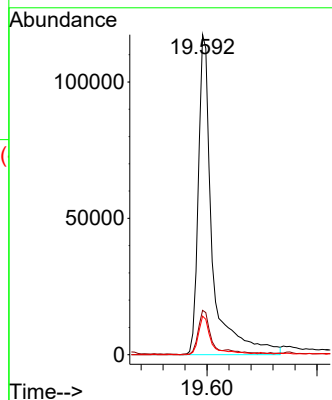
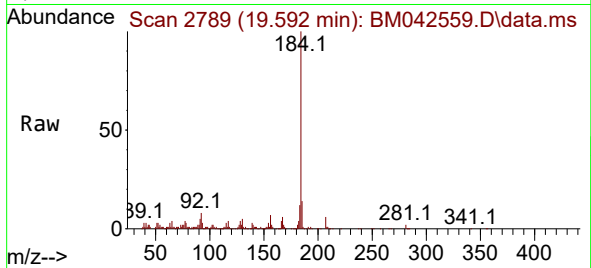




#77
Benzidine
Concen: 88.260 ng
RT: 19.592 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

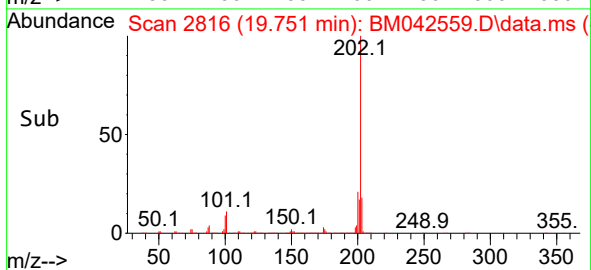
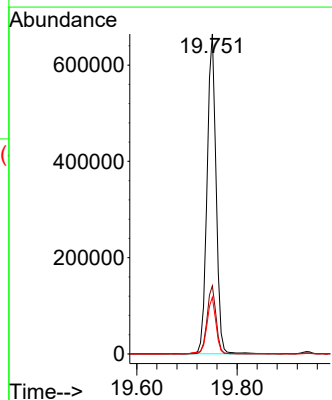
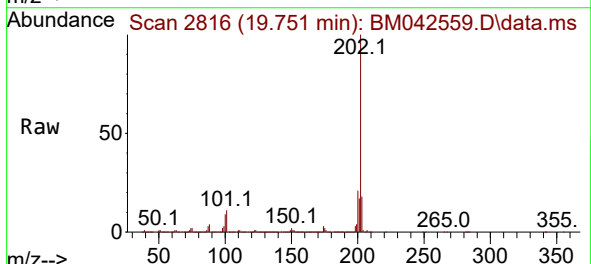
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

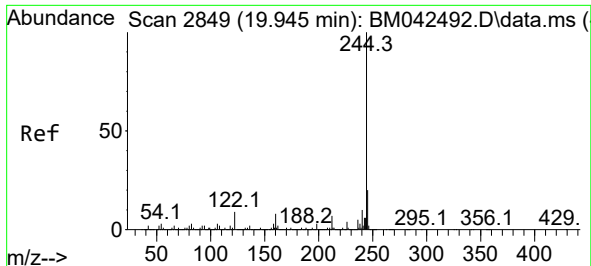
Tgt Ion:184 Resp: 208901
Ion Ratio Lower Upper
184 100
185 13.8 11.2 16.8
183 12.1 9.0 13.4



#78
Pyrene
Concen: 49.034 ng
RT: 19.751 min Scan# 2816
Delta R.T. 0.000 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:202 Resp: 830800
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.7 13.7 20.5

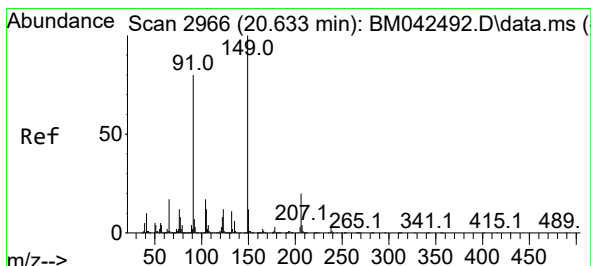
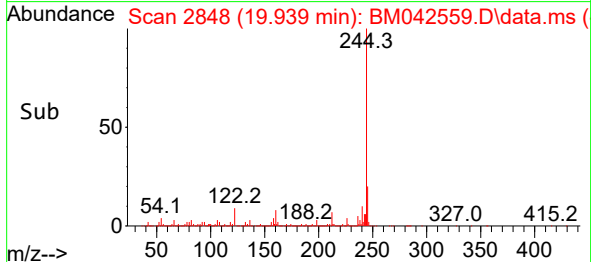
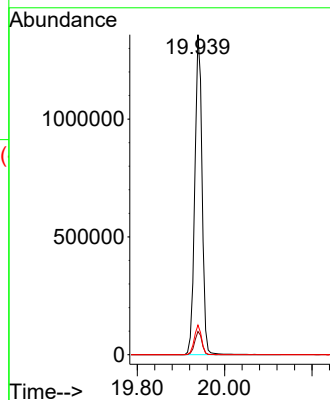
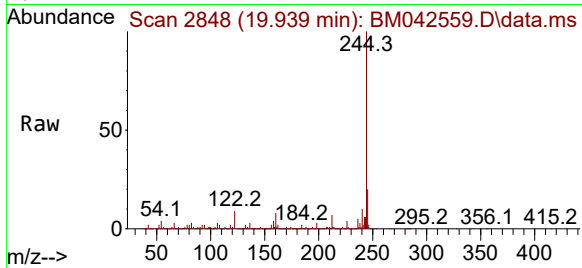




#79
 Terphenyl-d14
 Concen: 107.679 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042559.D
 Acq: 02 Nov 2023 13:49

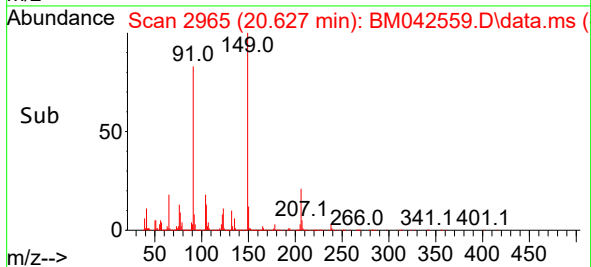
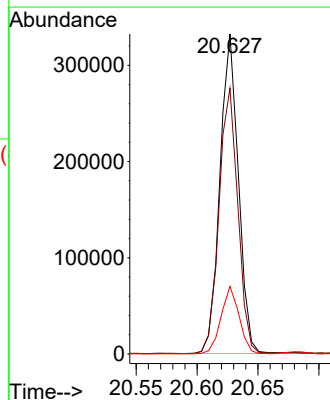
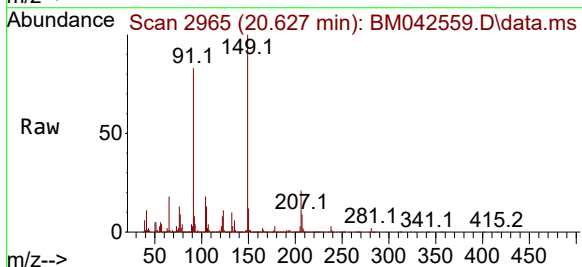
Instrument :
 BNA_M
 ClientSampleId :
 ETGI-352MSD

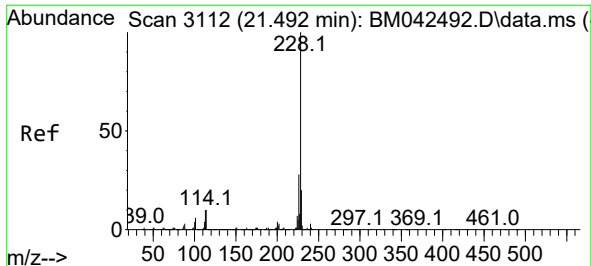
Tgt Ion:244 Resp: 1566971
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 9.2 7.2 10.8



#80
 Butylbenzylphthalate
 Concen: 48.491 ng
 RT: 20.627 min Scan# 2965
 Delta R.T. -0.006 min
 Lab File: BM042559.D
 Acq: 02 Nov 2023 13:49

Tgt Ion:149 Resp: 350910
 Ion Ratio Lower Upper
 149 100
 91 83.0 64.2 96.4
 206 21.1 16.1 24.1

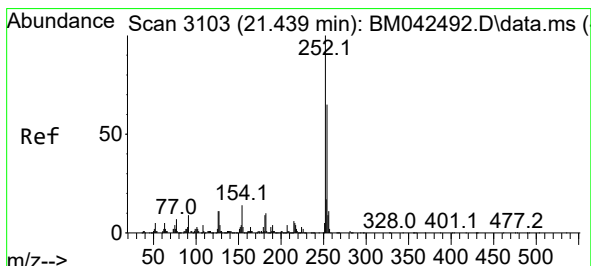
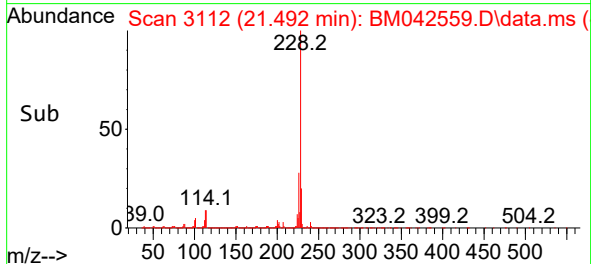
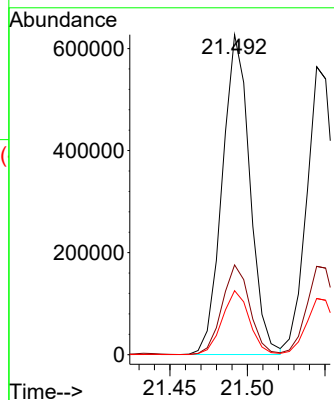
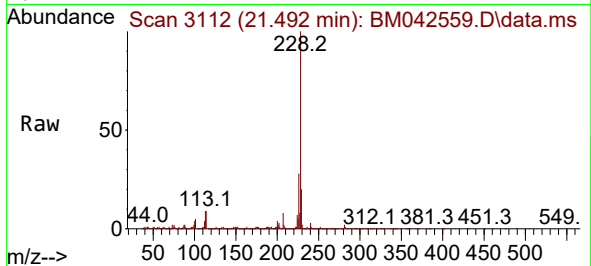




#81
Benzo(a)anthracene
Concen: 49.433 ng
RT: 21.492 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

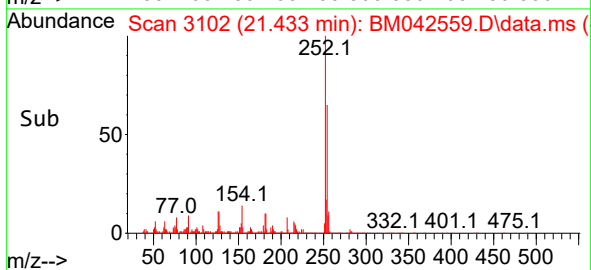
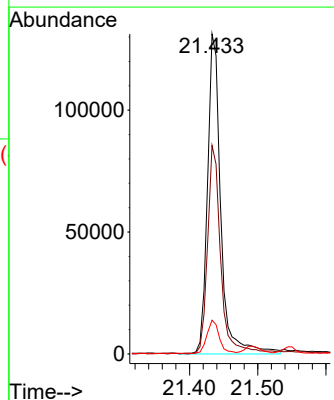
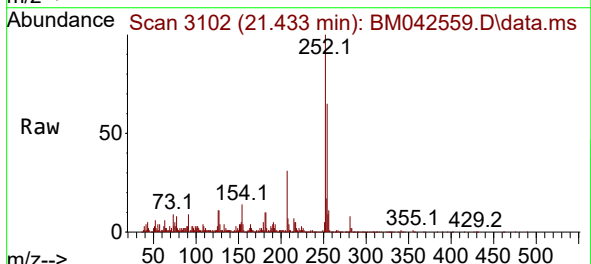
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

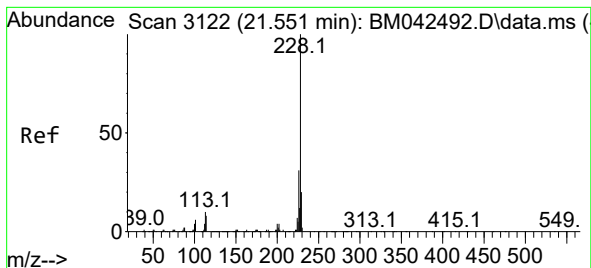
Tgt Ion:228 Resp: 776076
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 20.0 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 35.803 ng
RT: 21.433 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:252 Resp: 178640
Ion Ratio Lower Upper
252 100
254 65.1 52.2 78.4
126 10.6 8.9 13.3





#83

Chrysene

Concen: 45.676 ng

RT: 21.545 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

Instrument :

BNA_M

ClientSampleId :

ETGI-352MSD

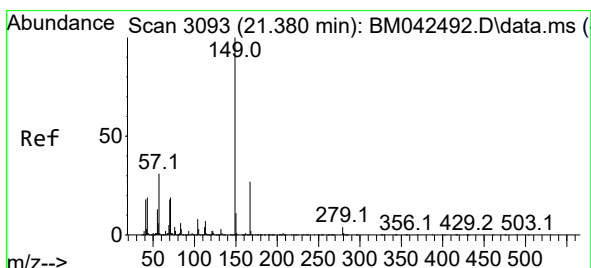
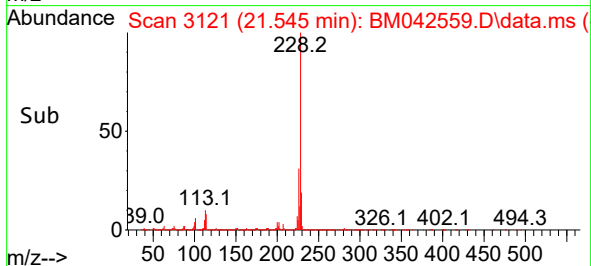
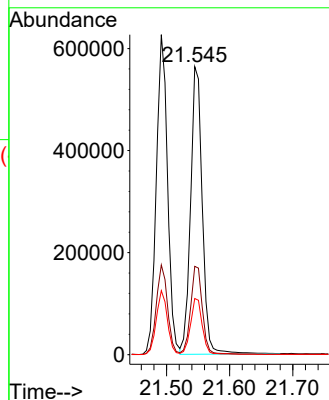
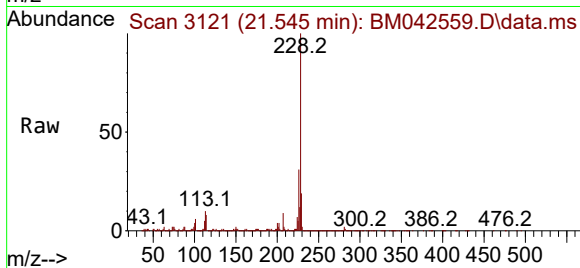
Tgt Ion:228 Resp: 728415

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.392 ng

RT: 21.368 min Scan# 3091

Delta R.T. -0.012 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

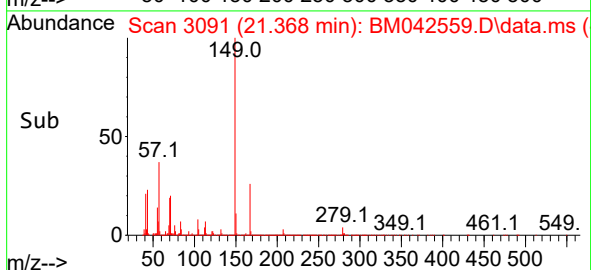
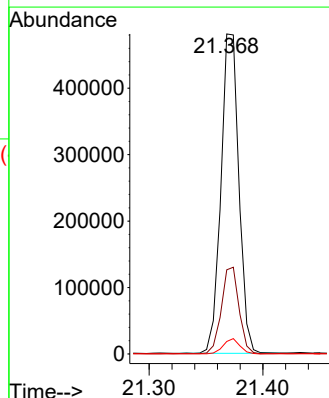
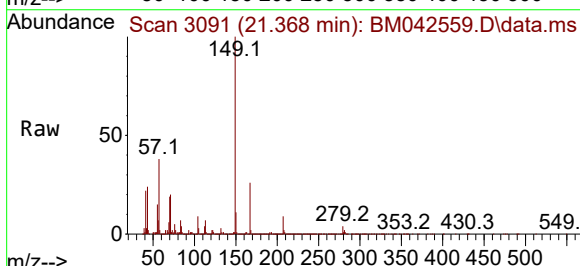
Tgt Ion:149 Resp: 529250

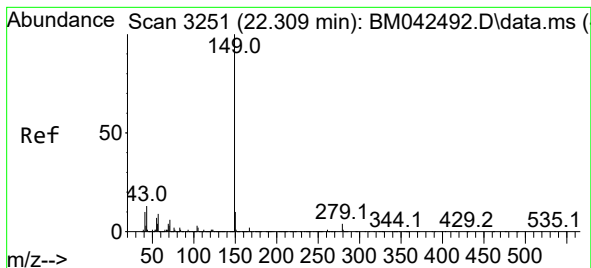
Ion Ratio Lower Upper

149 100

167 26.3 21.4 32.0

279 3.9 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 46.472 ng

RT: 22.303 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

Instrument :

BNA_M

ClientSampleId :

ETGI-352MSD

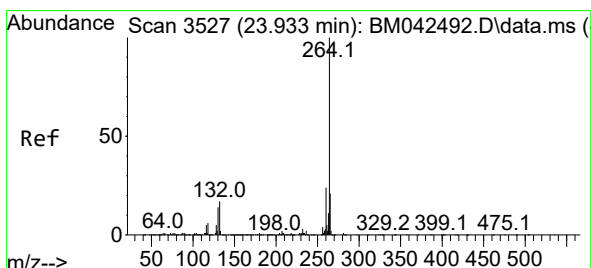
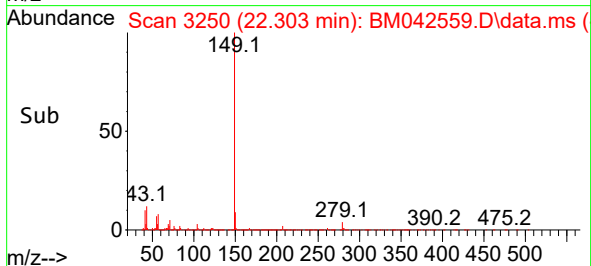
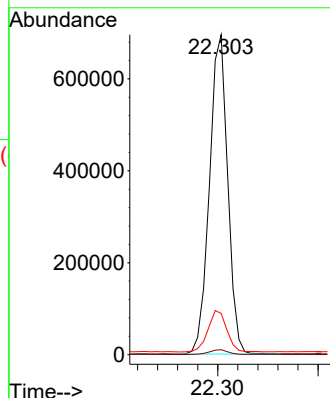
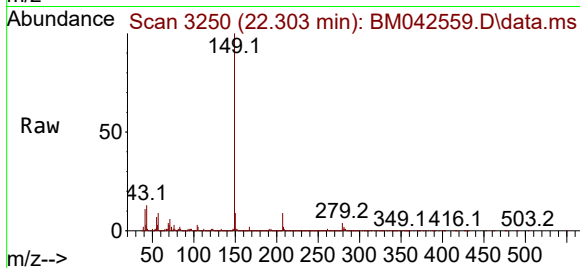
Tgt Ion:149 Resp: 874830

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 13.4 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.933 min Scan# 3527

Delta R.T. 0.000 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

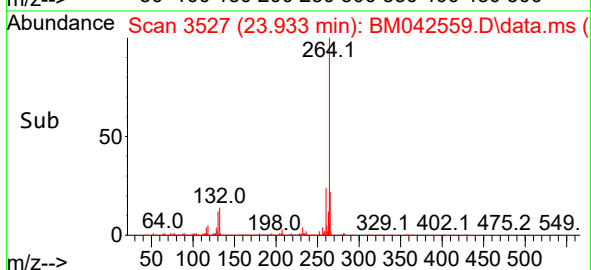
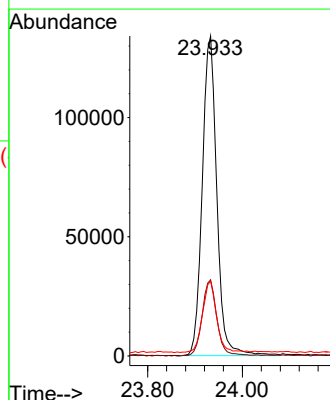
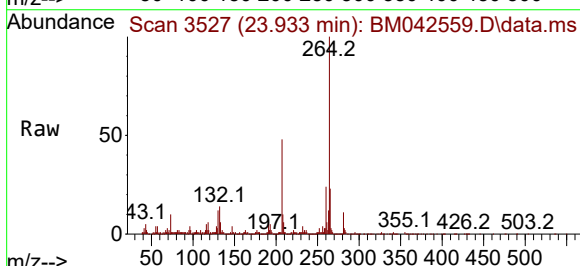
Tgt Ion:264 Resp: 285343

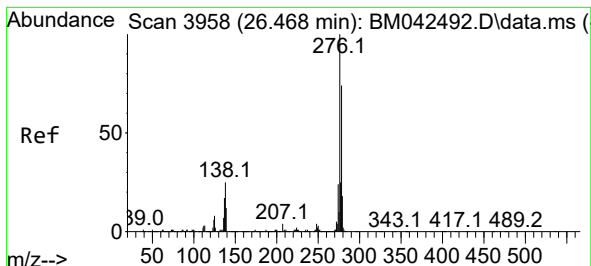
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 23.4 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.024 ng

RT: 26.474 min Scan# 3958

Delta R.T. 0.006 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

Instrument :

BNA_M

ClientSampleId :

ETGI-352MSD

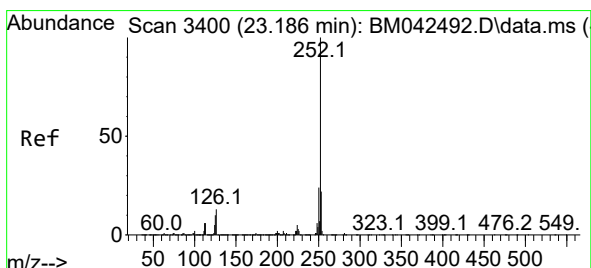
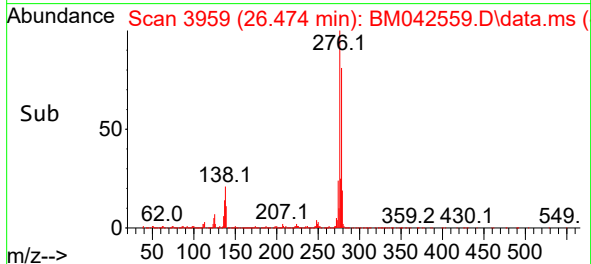
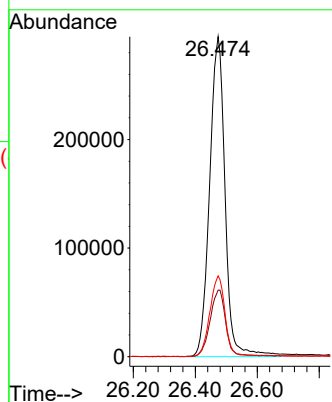
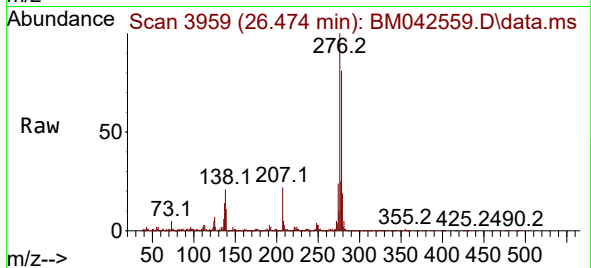
Tgt Ion:276 Resp: 1019390

Ion Ratio Lower Upper

276 100

138 21.0 20.6 31.0

277 24.8 19.5 29.3



#88

Benzo(b)fluoranthene

Concen: 49.512 ng

RT: 23.186 min Scan# 3400

Delta R.T. 0.000 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

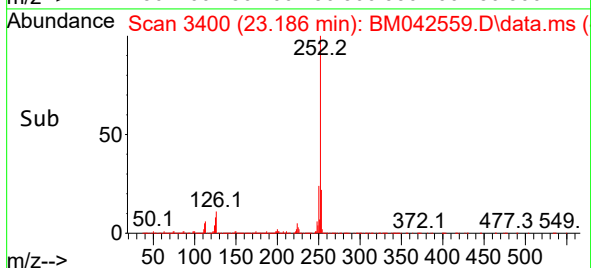
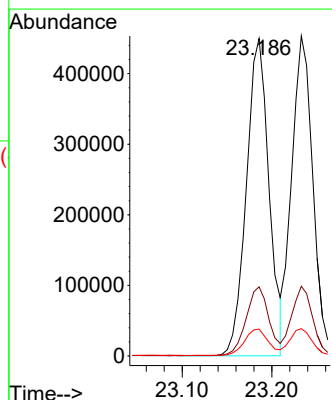
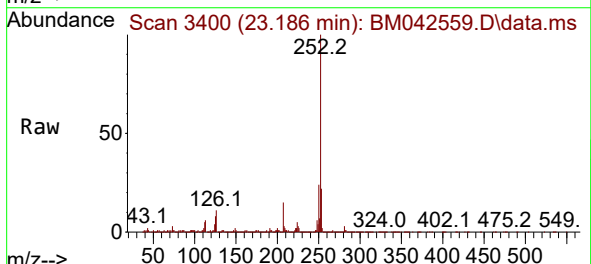
Tgt Ion:252 Resp: 787088

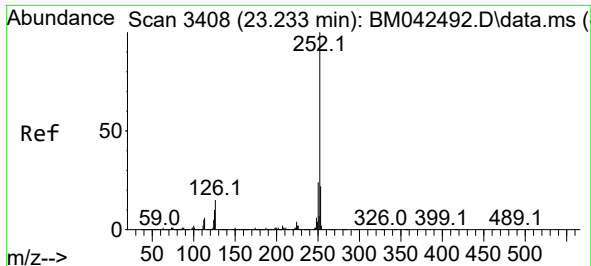
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.5 7.8 11.6

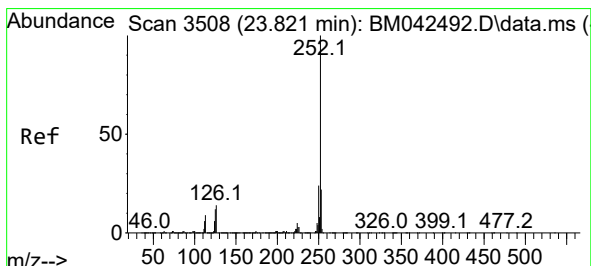
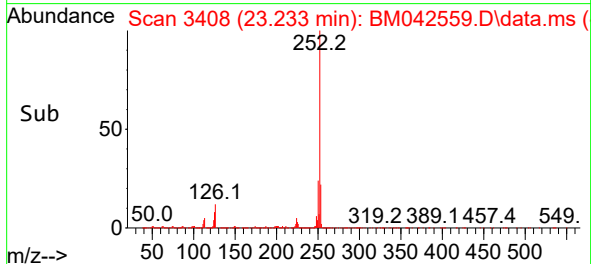
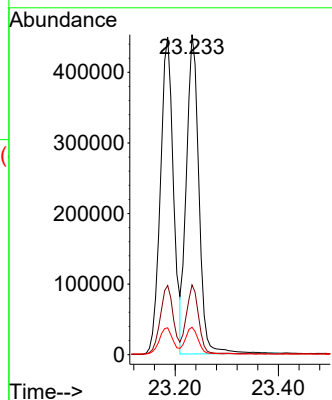
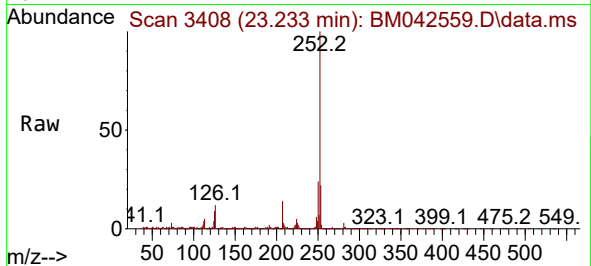




#89
Benzo(k)fluoranthene
Concen: 42.770 ng
RT: 23.233 min Scan# 3408
Delta R.T. 0.000 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

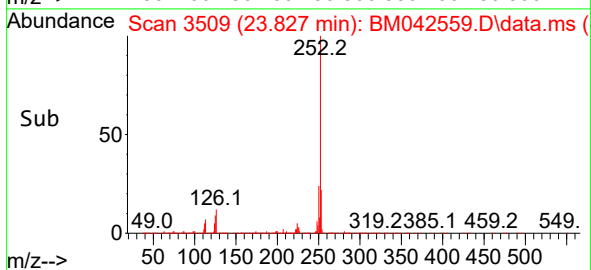
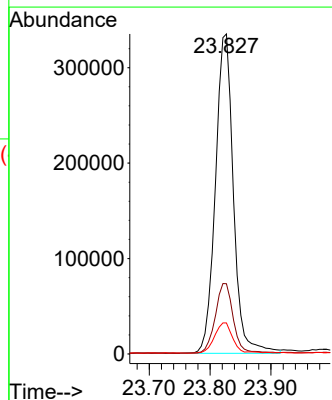
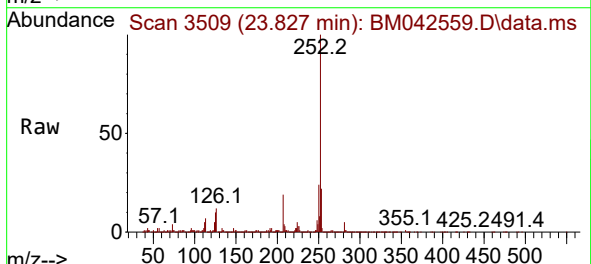
Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

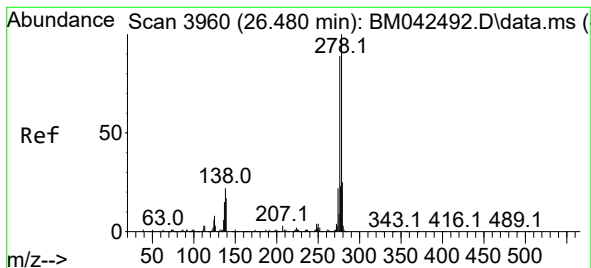
Tgt Ion:252 Resp: 757635
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.5 8.2 12.4



#90
Benzo(a)pyrene
Concen: 43.857 ng
RT: 23.827 min Scan# 3509
Delta R.T. 0.006 min
Lab File: BM042559.D
Acq: 02 Nov 2023 13:49

Tgt Ion:252 Resp: 686402
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.7 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 53.650 ng

RT: 26.485 min Scan# 3960

Delta R.T. 0.005 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

Instrument :

BNA_M

ClientSampleId :

ETGI-352MSD

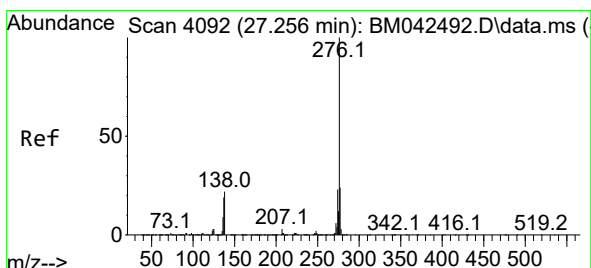
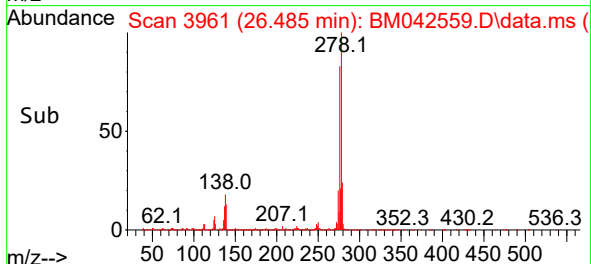
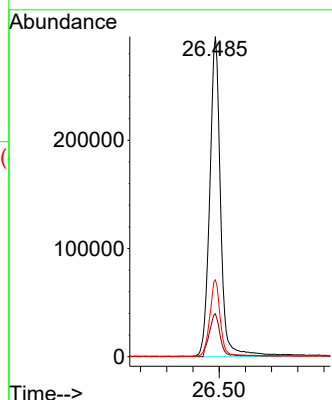
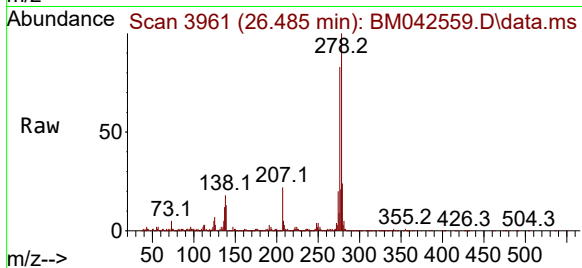
Tgt Ion:278 Resp: 849489

Ion Ratio Lower Upper

278 100

139 13.4 13.4 20.2#

279 24.0 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 54.915 ng

RT: 27.268 min Scan# 4094

Delta R.T. 0.012 min

Lab File: BM042559.D

Acq: 02 Nov 2023 13:49

Tgt Ion:276 Resp: 821962

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 18.6 17.3 25.9

