

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
 Data File : BM039164.D
 Acq On : 27 Mar 2023 17:24
 Operator : CG/JU
 Sample : 02082-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-276

Quant Time: Mar 28 01:50:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 28 01:46:09 2023
 Response via : Initial Calibration

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

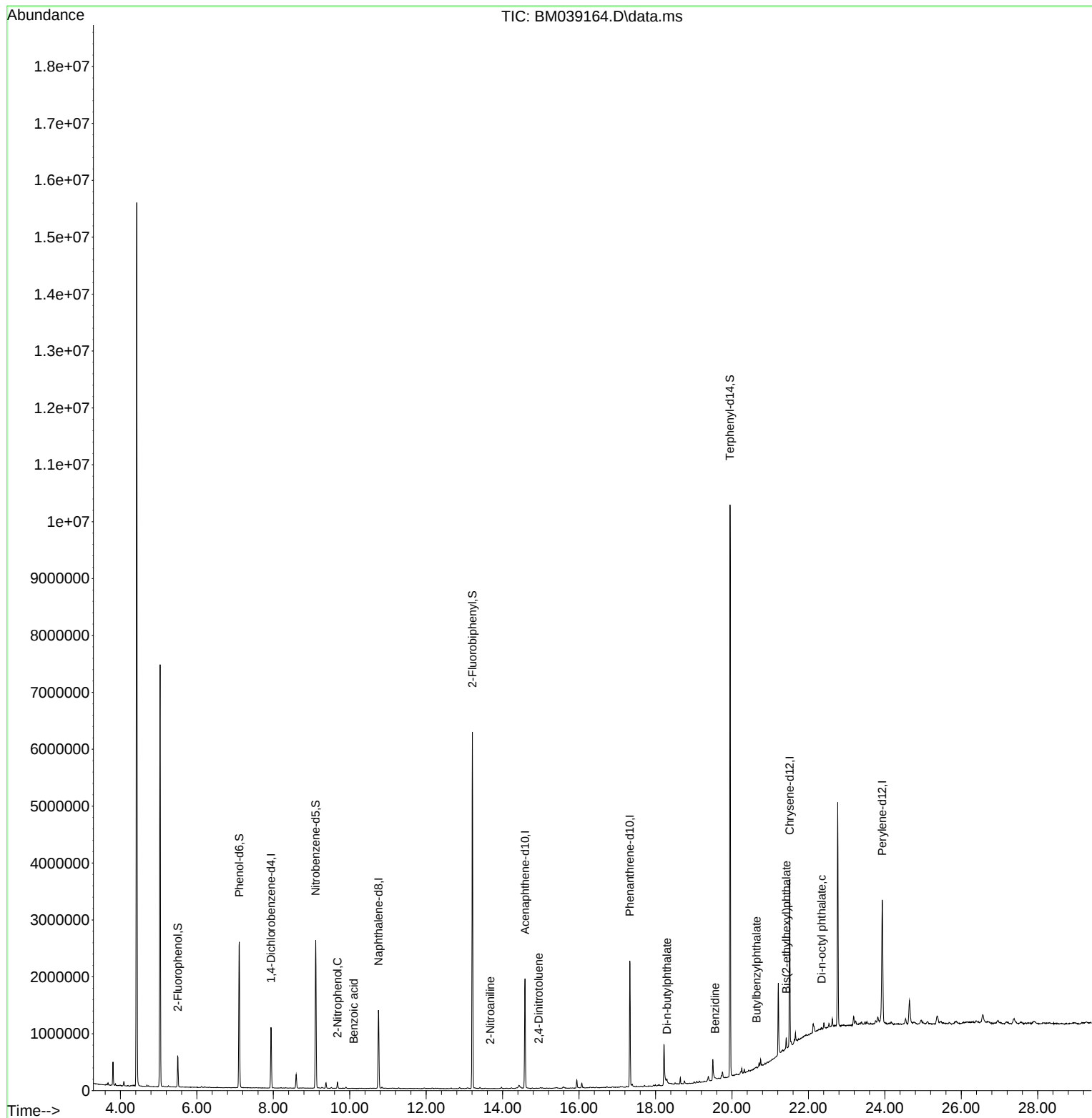
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	279557	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	1112203	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	634167	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1308421	20.000	ng	0.00
76) Chrysene-d12	21.509	240	1343266	20.000	ng	0.00
86) Perylene-d12	23.933	264	1577608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	235683	12.809	ng	0.00
7) Phenol-d6	7.110	99	1515641	63.415	ng	0.00
23) Nitrobenzene-d5	9.110	82	1456483	64.326	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	13196	1.799	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	3050173	62.613	ng	0.00
79) Terphenyl-d14	19.950	244	4673993	63.618	ng	0.00
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.681	139	1386	3.114	ng	# 45
32) Benzoic acid	10.104	122	58	5.737	ng	# 1
48) 2-Nitroaniline	13.680	65	124	2.225	ng	# 27
57) 2,4-Dinitrotoluene	14.945	165	702	2.119	ng	# 78
74) Di-n-butylphthalate	18.298	149	46755	2.326	ng	# 99
77) Benzidine	19.556	184	209	4.882	ng	# 1
80) Butylbenzylphthalate	20.645	149	3083	3.383	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.421	149	67443	3.516	ng	# 97
85) Di-n-octyl phthalate	22.350	149	5739	3.848	ng	# 32

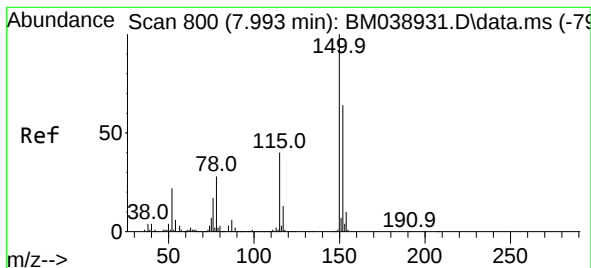
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.939 min Scan# 79

Delta R.T. -0.006 min

Lab File: BM039164.D

Acq: 27 Mar 2023 17:24

Instrument :

BNA_M

ClientSampleId :

ETGI-276

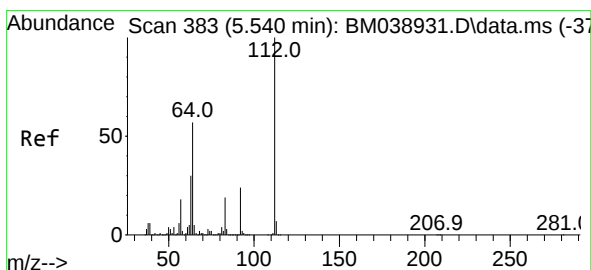
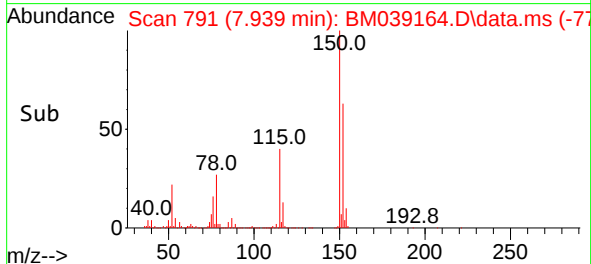
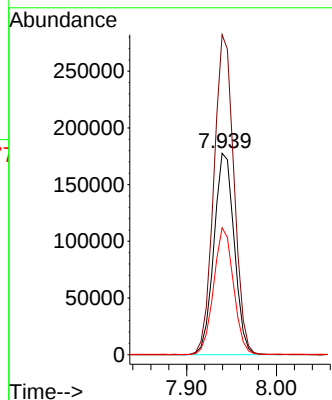
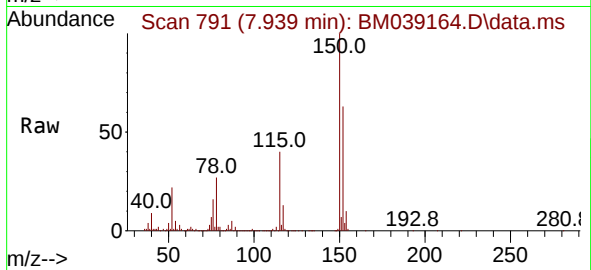
Tgt Ion:152 Resp: 279557

Ion Ratio Lower Upper

152 100

150 158.8 125.1 187.7

115 63.0 49.6 74.4



#5

2-Fluorophenol

Concen: 12.809 ng

RT: 5.498 min Scan# 376

Delta R.T. -0.000 min

Lab File: BM039164.D

Acq: 27 Mar 2023 17:24

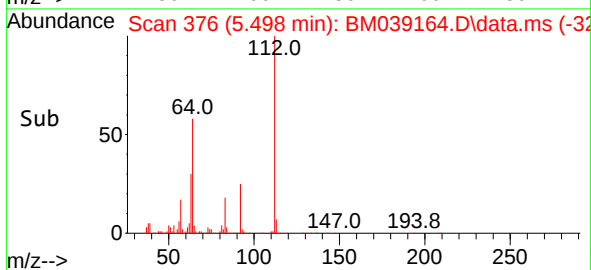
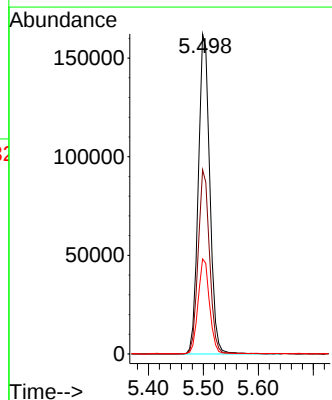
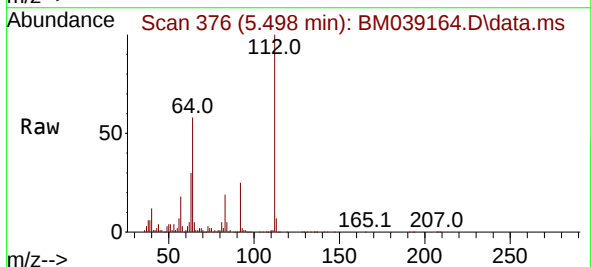
Tgt Ion:112 Resp: 235683

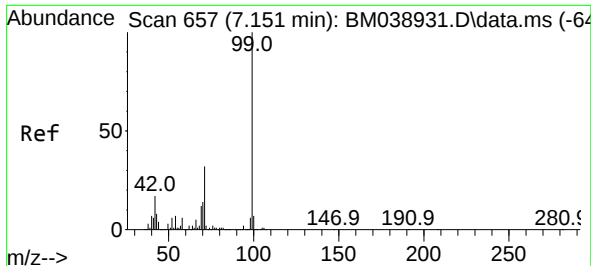
Ion Ratio Lower Upper

112 100

64 57.6 45.9 68.9

63 29.7 23.8 35.8

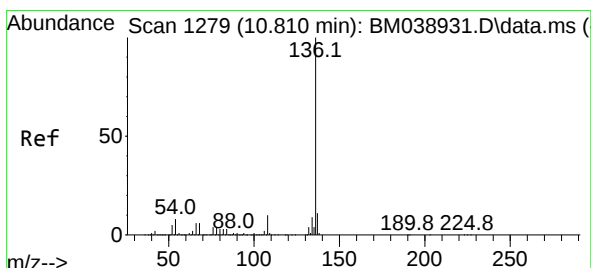
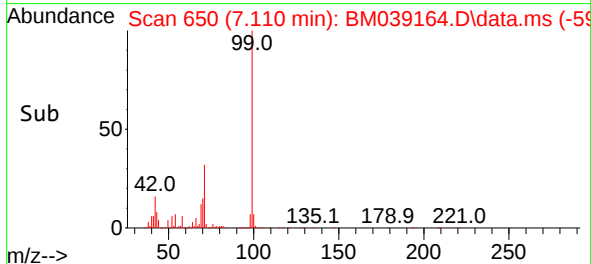
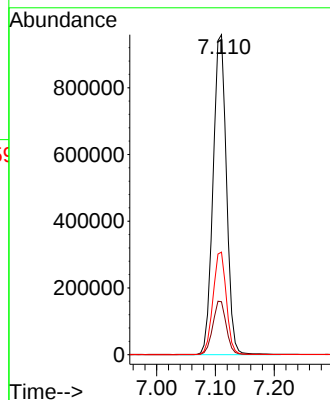
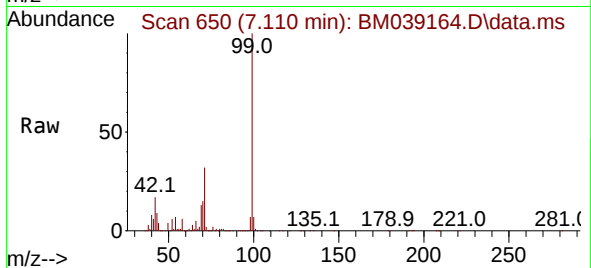




#7
Phenol-d6
Concen: 63.415 ng
RT: 7.110 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039164.D
Acq: 27 Mar 2023 17:24

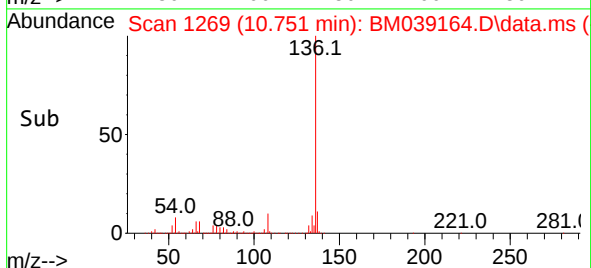
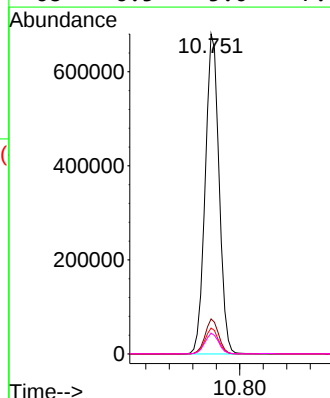
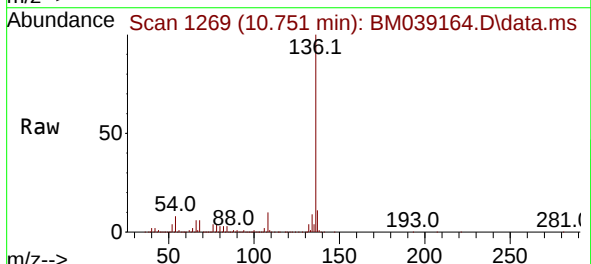
Instrument :
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ClientSampleId :
ETGI-276

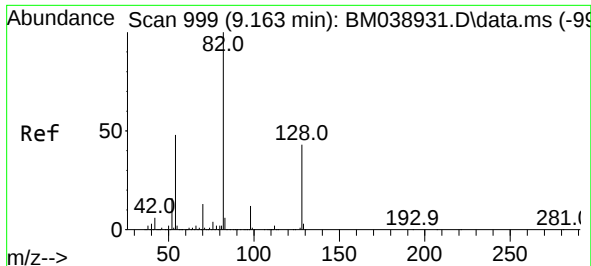
Tgt Ion: 99 Resp: 1515641
Ion Ratio Lower Upper
99 100
42 16.5 13.5 20.3
71 32.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BM039164.D
Acq: 27 Mar 2023 17:24

Tgt Ion:136 Resp: 1112203
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.1 6.3 9.5
68 6.5 5.0 7.6

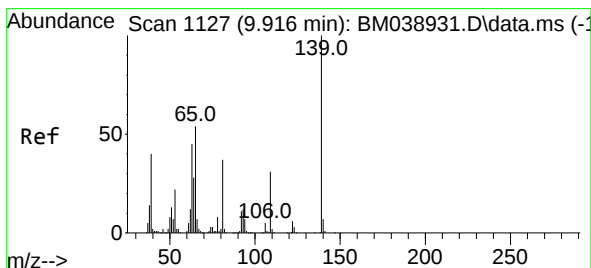
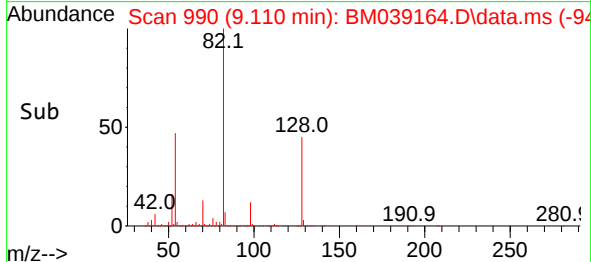
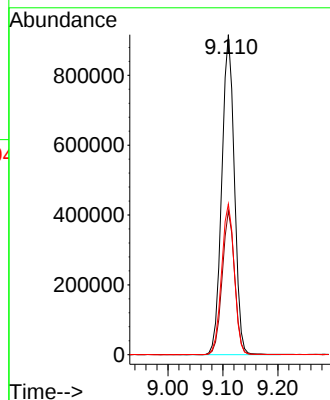
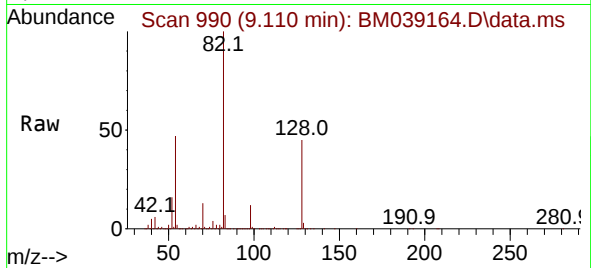




#23
Nitrobenzene-d5
Concen: 64.326 ng
RT: 9.110 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039164.D
Acq: 27 Mar 2023 17:24

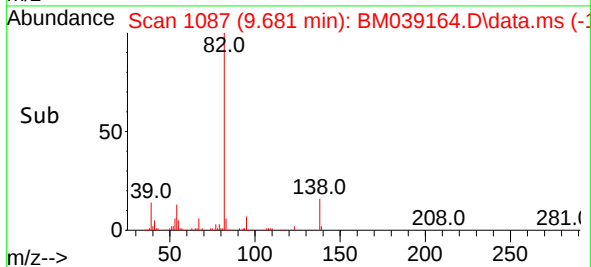
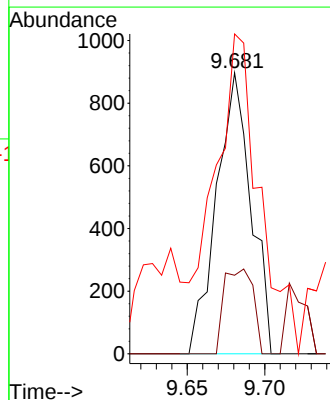
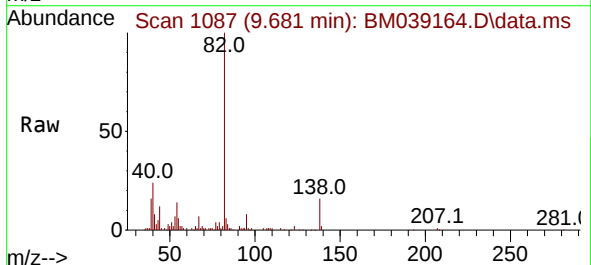
Instrument :
BNA_M
ClientSampleId :
ETGI-276

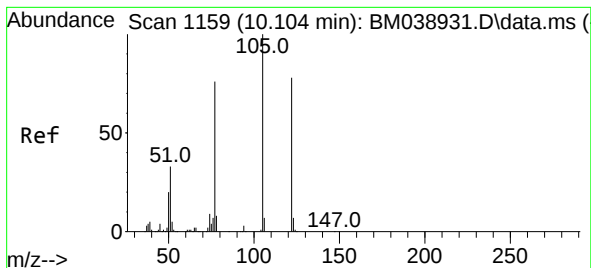
Tgt Ion: 82 Resp: 1456483
Ion Ratio Lower Upper
82 100
128 45.0 34.4 51.6
54 47.1 38.8 58.2



#26
2-Nitrophenol
Concen: 3.114 ng
RT: 9.681 min Scan# 1087
Delta R.T. -0.188 min
Lab File: BM039164.D
Acq: 27 Mar 2023 17:24

Tgt Ion:139 Resp: 1386
Ion Ratio Lower Upper
139 100
109 28.0 24.5 36.7
65 113.8 43.0 64.6#





#32

Benzoic acid

Concen: 5.737 ng

RT: 10.104 min Scan# 1159

Delta R.T. 0.029 min

Lab File: BM039164.D

Acq: 27 Mar 2023 17:24

Instrument :

BNA_M

ClientSampleId :

ETGI-276

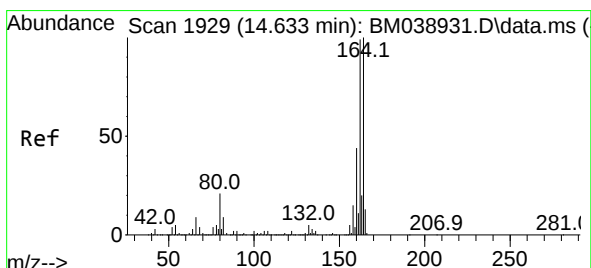
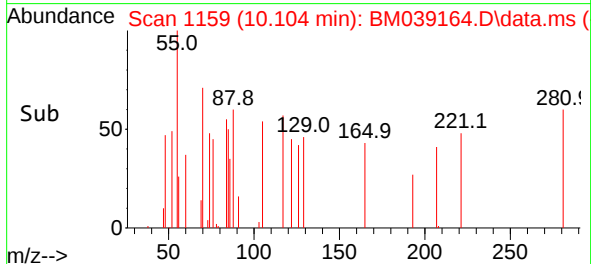
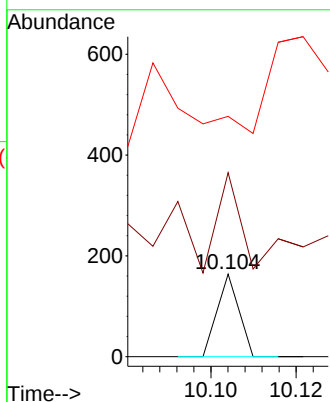
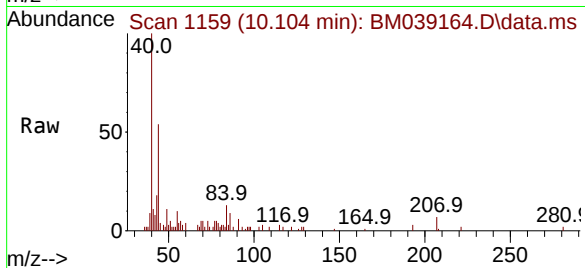
Tgt Ion:122 Resp: 58

Ion Ratio Lower Upper

122 100

105 222.6 104.2 144.2#

77 290.9 75.1 115.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.586 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BM039164.D

Acq: 27 Mar 2023 17:24

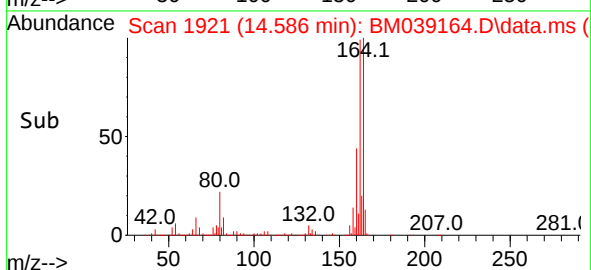
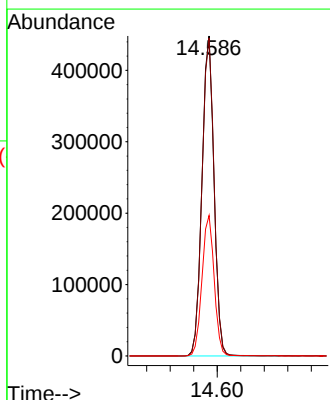
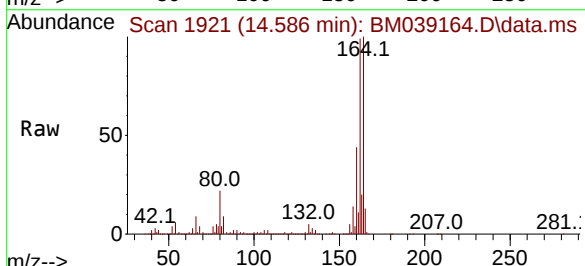
Tgt Ion:164 Resp: 634167

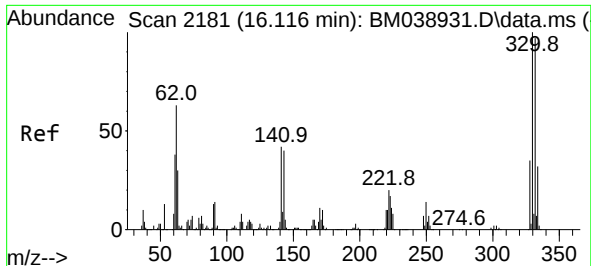
Ion Ratio Lower Upper

164 100

162 99.4 79.2 118.8

160 43.9 35.5 53.3

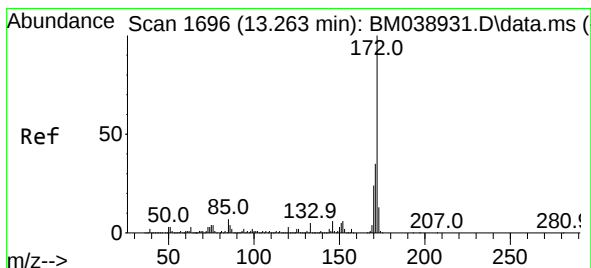
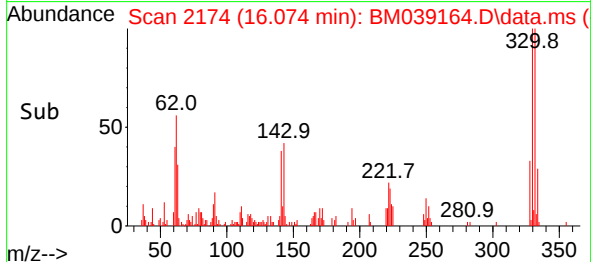
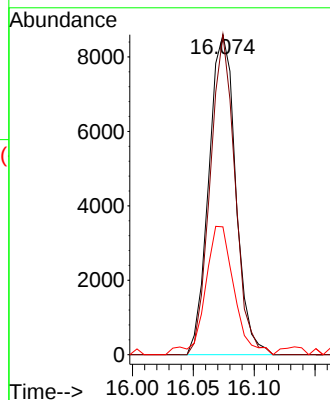
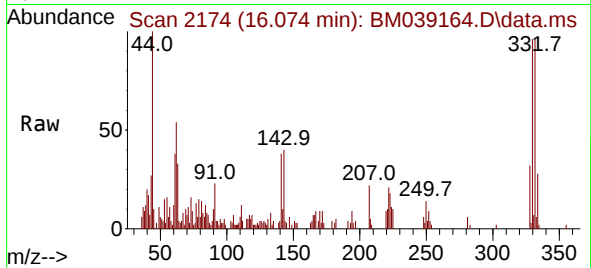




#42
2,4,6-Tribromophenol
Concen: 1.799 ng
RT: 16.074 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039164.D
Acq: 27 Mar 2023 17:24

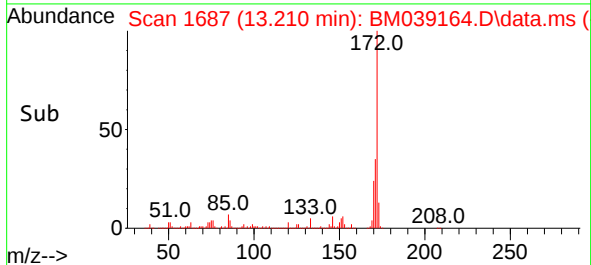
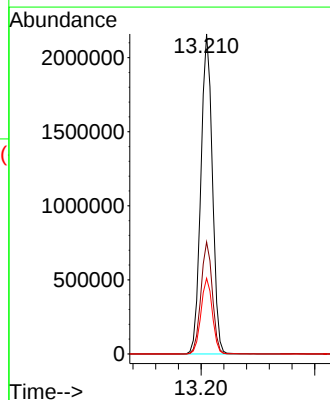
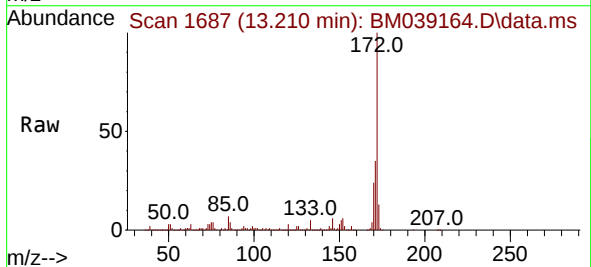
Instrument :
BNA_M
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ETGI-276

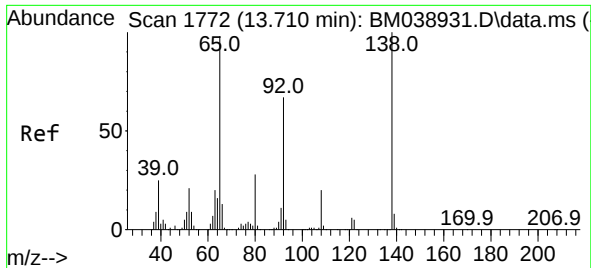
Tgt Ion:330 Resp: 13196
Ion Ratio Lower Upper
330 100
332 92.4 77.4 116.0
141 43.0 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 62.613 ng
RT: 13.210 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM039164.D
Acq: 27 Mar 2023 17:24

Tgt Ion:172 Resp: 3050173
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.6 19.1 28.7

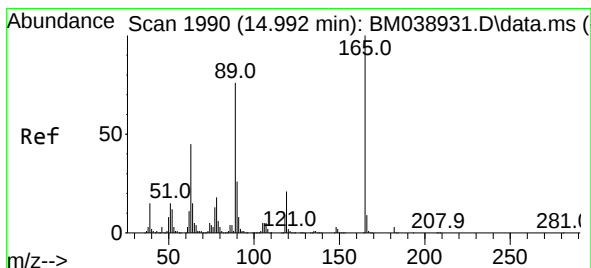
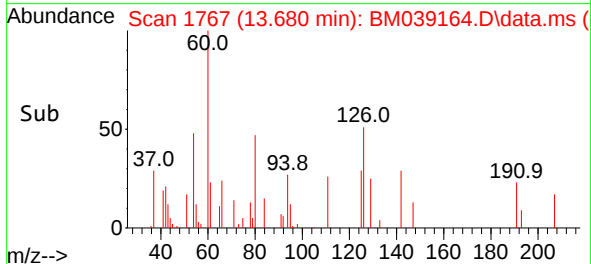
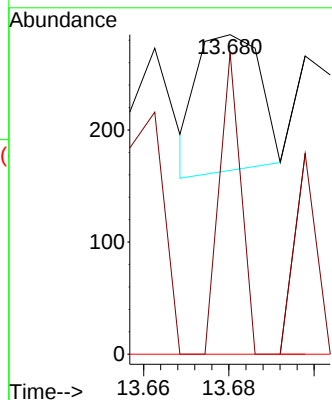
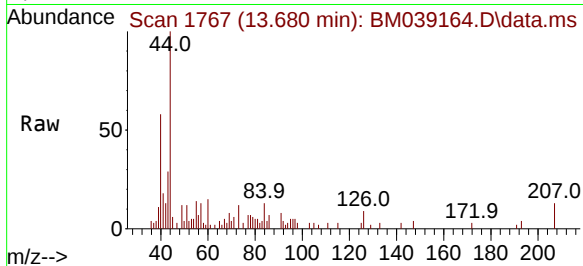




#48
2-Nitroaniline
Concen: 2.225 ng
RT: 13.680 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM039164.D
Acq: 27 Mar 2023 17:24

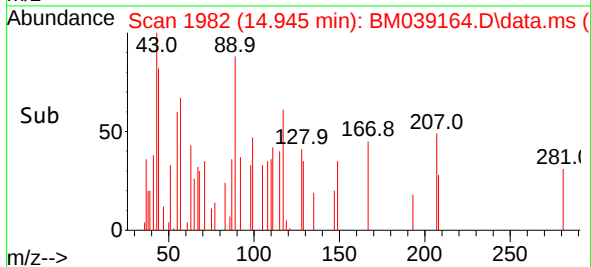
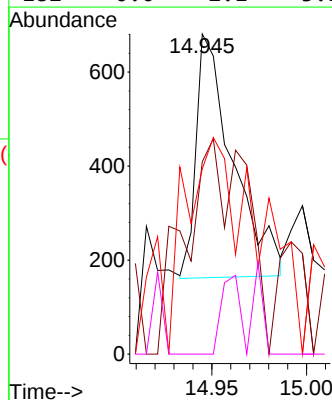
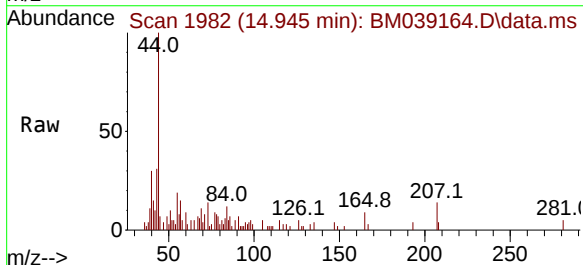
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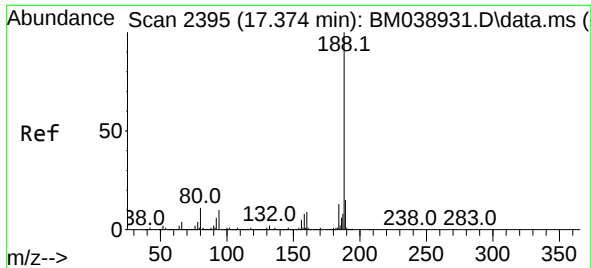
Tgt Ion: 65 Resp: 124
Ion Ratio Lower Upper
65 100
92 94.4 54.9 82.3#
138 0.0 81.6 122.4#



#57
2,4-Dinitrotoluene
Concen: 2.119 ng
RT: 14.945 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BM039164.D
Acq: 27 Mar 2023 17:24

Tgt Ion: 165 Resp: 702
Ion Ratio Lower Upper
165 100
63 60.1 35.9 53.9#
89 57.9 61.0 91.6#
182 0.0 2.1 3.1#

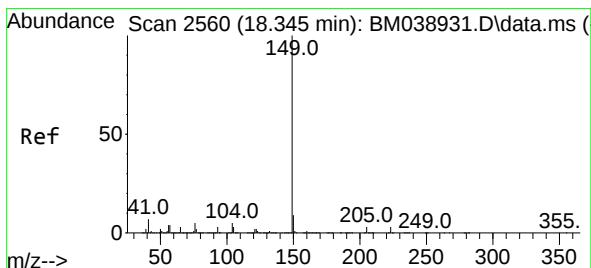
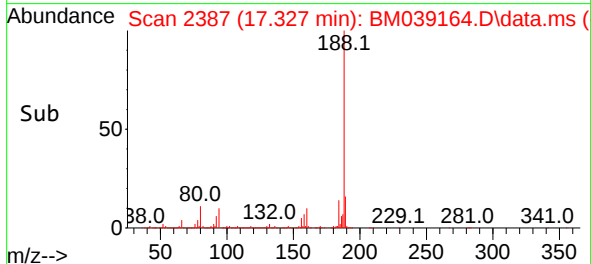
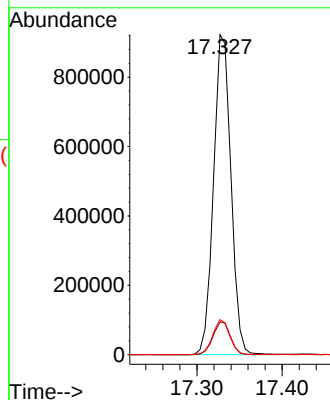
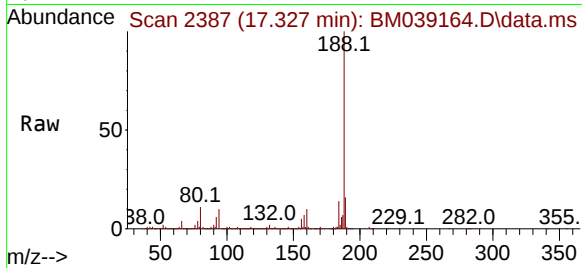




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039164.D
Acq: 27 Mar 2023 17:24

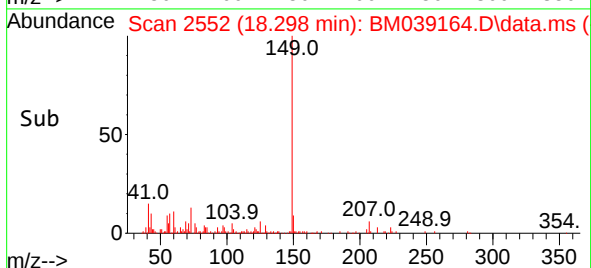
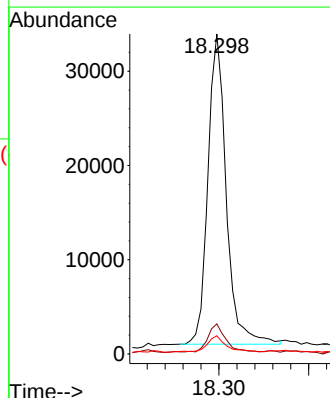
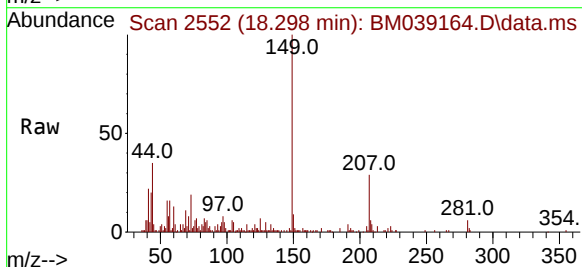
Instrument :
BNA_M
ClientSampleId :
ETGI-276

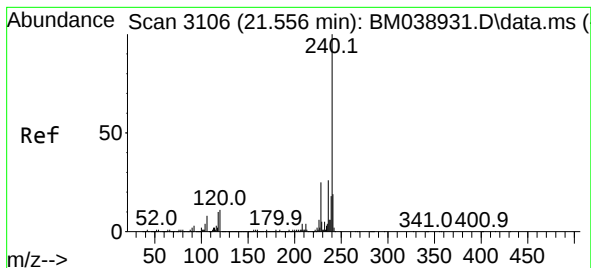
Tgt Ion:188 Resp: 1308421
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 11.0 8.5 12.7



#74
Di-n-butylphthalate
Concen: 2.326 ng
RT: 18.298 min Scan# 2552
Delta R.T. -0.006 min
Lab File: BM039164.D
Acq: 27 Mar 2023 17:24

Tgt Ion:149 Resp: 46755
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 5.7 4.3 6.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.509 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM039164.D

Acq: 27 Mar 2023 17:24

Instrument :

BNA_M

ClientSampleId :

ETGI-276

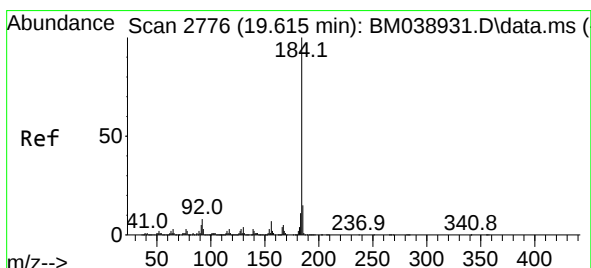
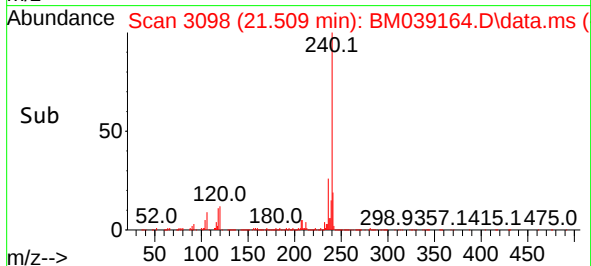
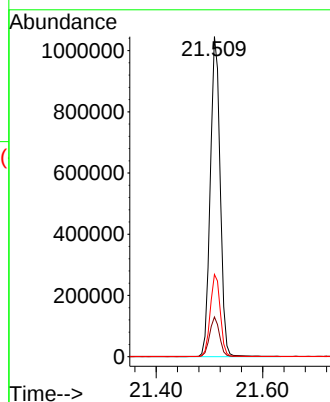
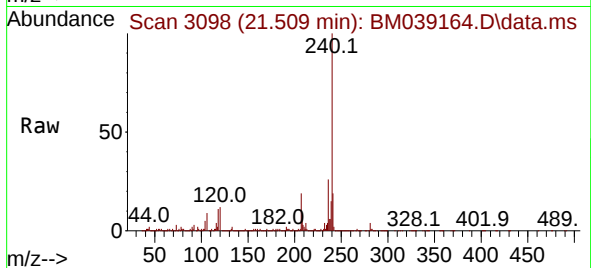
Tgt Ion:240 Resp: 1343266

Ion Ratio Lower Upper

240 100

120 12.4 9.2 13.8

236 25.7 20.8 31.2



#77

Benzidine

Concen: 4.882 ng

RT: 19.556 min Scan# 2766

Delta R.T. -0.024 min

Lab File: BM039164.D

Acq: 27 Mar 2023 17:24

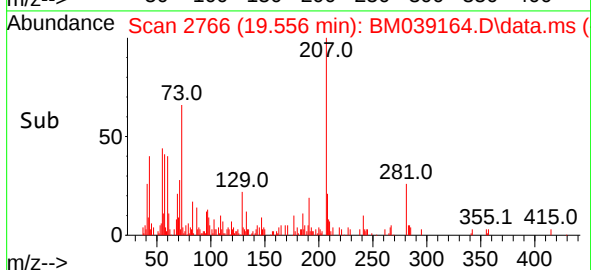
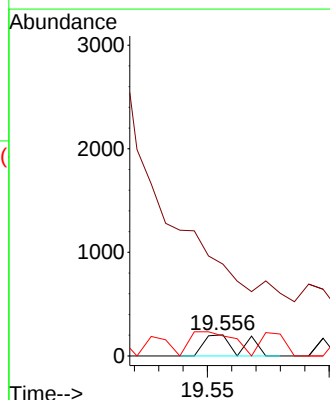
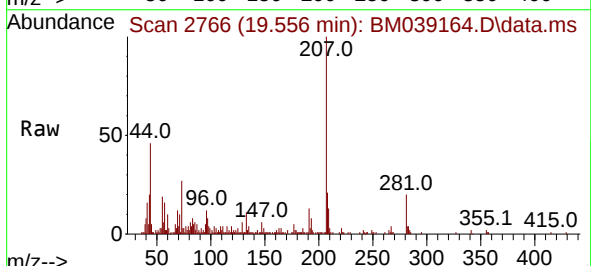
Tgt Ion:184 Resp: 209

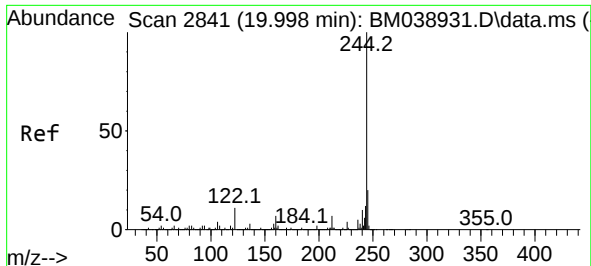
Ion Ratio Lower Upper

184 100

185 434.3 12.2 18.4#

183 94.6 8.8 13.2#

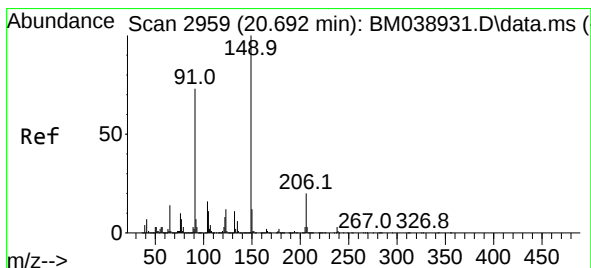
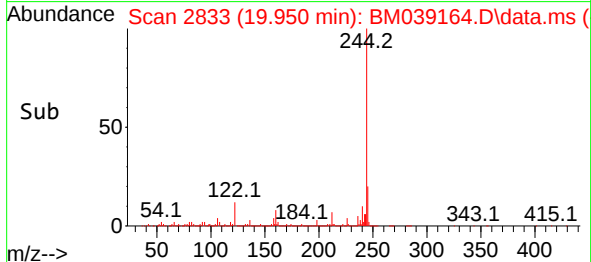
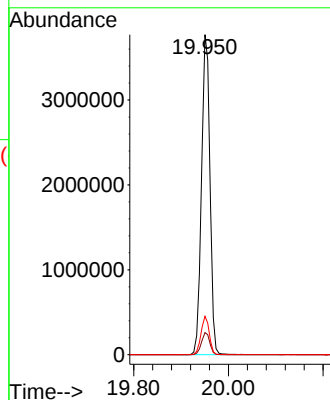
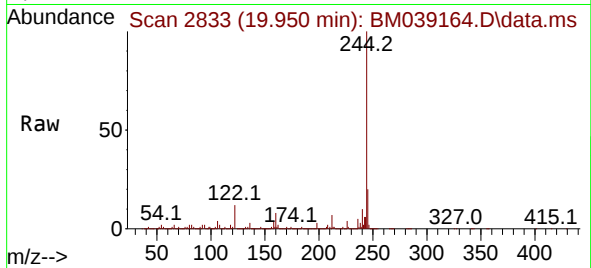




#79
 Terphenyl-d14
 Concen: 63.618 ng
 RT: 19.950 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039164.D
 Acq: 27 Mar 2023 17:24

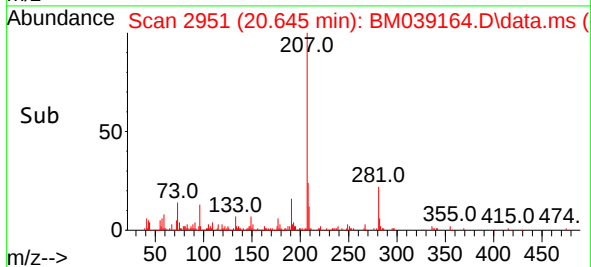
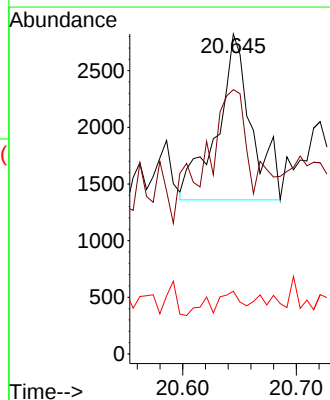
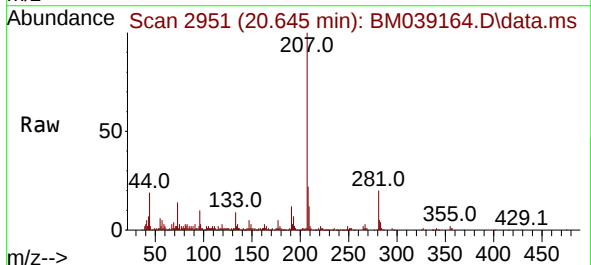
Instrument :
 BNA_M
 ClientSampleId :
 ETGI-276

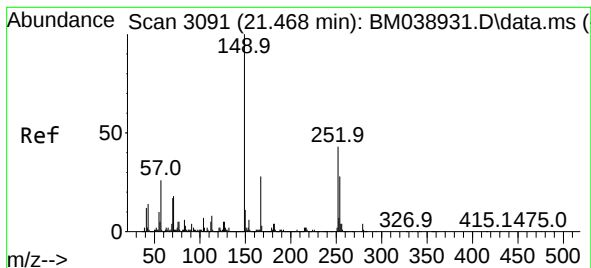
Tgt Ion:244 Resp: 4673993
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 12.0 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.383 ng
 RT: 20.645 min Scan# 2951
 Delta R.T. -0.000 min
 Lab File: BM039164.D
 Acq: 27 Mar 2023 17:24

Tgt Ion:149 Resp: 3083
 Ion Ratio Lower Upper
 149 100
 91 82.6 58.4 87.6
 206 19.6 16.1 24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.516 ng

RT: 21.421 min Scan# 30

Delta R.T. -0.000 min

Lab File: BM039164.D

Acq: 27 Mar 2023 17:24

Instrument :

BNA_M

ClientSampleId :

ETGI-276

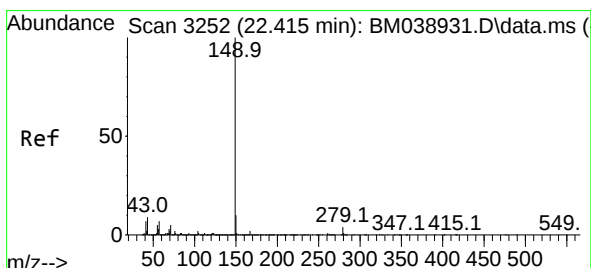
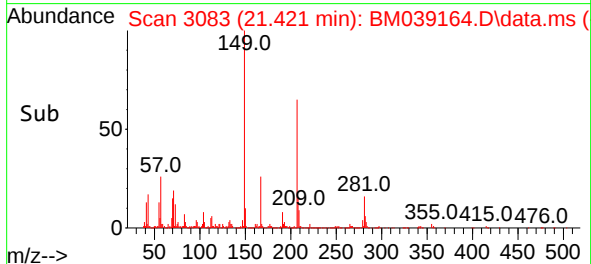
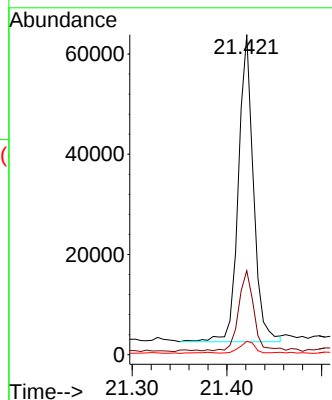
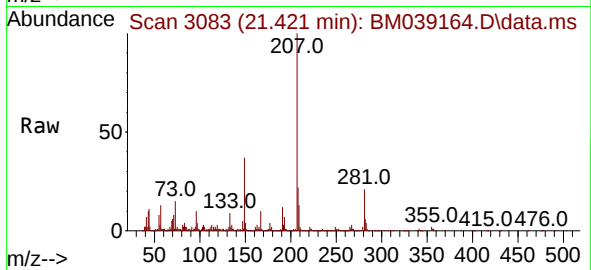
Tgt Ion:149 Resp: 67443

Ion Ratio Lower Upper

149 100

167 26.2 22.3 33.5

279 4.2 3.2 4.8



#85

Di-n-octyl phthalate

Concen: 3.848 ng

RT: 22.350 min Scan# 3241

Delta R.T. -0.006 min

Lab File: BM039164.D

Acq: 27 Mar 2023 17:24

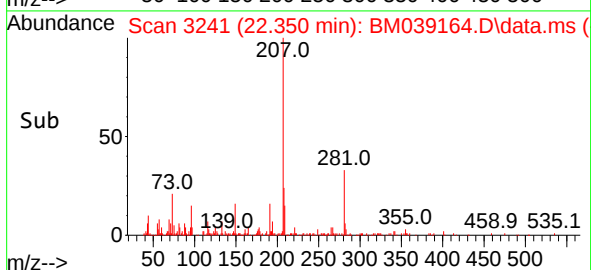
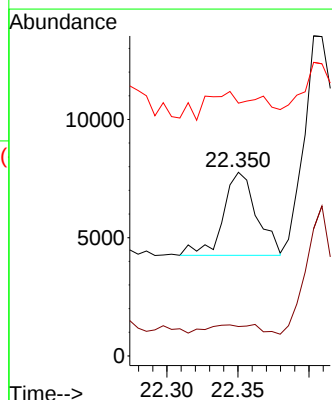
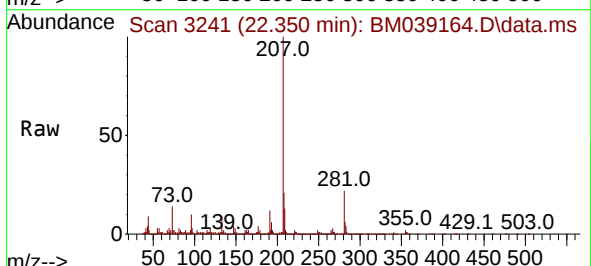
Tgt Ion:149 Resp: 5739

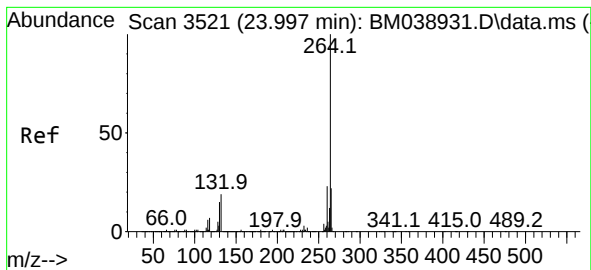
Ion Ratio Lower Upper

149 100

167 17.1 1.2 1.8#

43 35.5 7.4 11.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.933 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039164.D

Acq: 27 Mar 2023 17:24

Instrument :

BNA_M

ClientSampleId :

ETGI-276

Tgt Ion:264 Resp: 1577608

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 22.6 17.9 26.9

