

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
 Data File : BM039380.D
 Acq On : 10 Apr 2023 16:42
 Operator : CG/JU
 Sample : 02243-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-338

Quant Time: Apr 11 02:12:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 11 02:05:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	236543	20.000	ng	0.00
21) Naphthalene-d8	10.680	136	954725	20.000	ng	0.00
39) Acenaphthene-d10	14.521	164	582117	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	1118149	20.000	ng	0.00
76) Chrysene-d12	21.462	240	744876	20.000	ng	0.00
86) Perylene-d12	23.844	264	770592	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	832523	53.026	ng	0.00
7) Phenol-d6	7.040	99	1349369	66.448	ng	0.00
23) Nitrobenzene-d5	9.039	82	1026826	52.273	ng	0.00
42) 2,4,6-Tribromophenol	16.015	330	306875	41.529	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	2351823	54.740	ng	0.00
79) Terphenyl-d14	19.898	244	2883048	71.510	ng	0.00

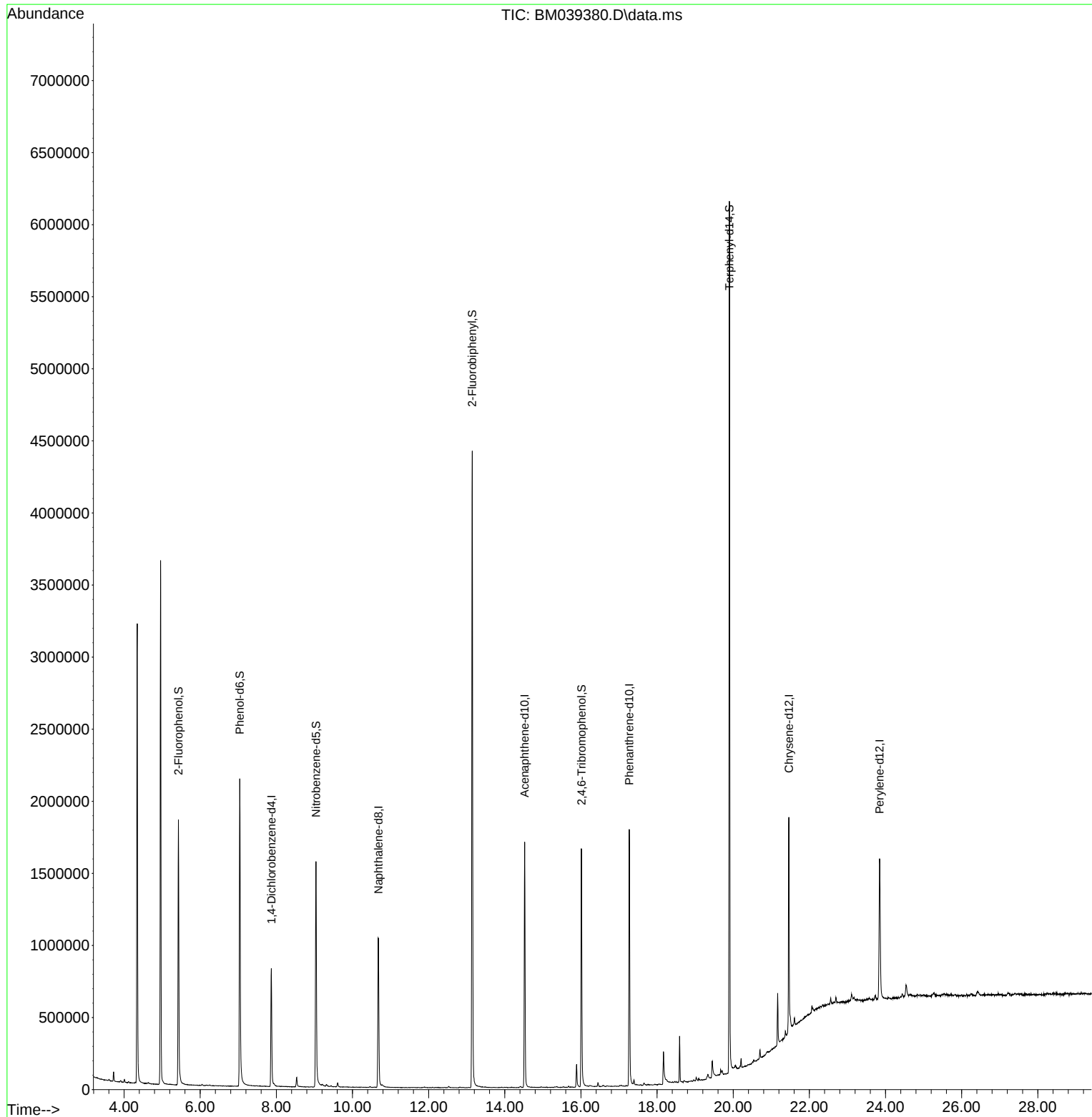
Target Compounds	Qvalue

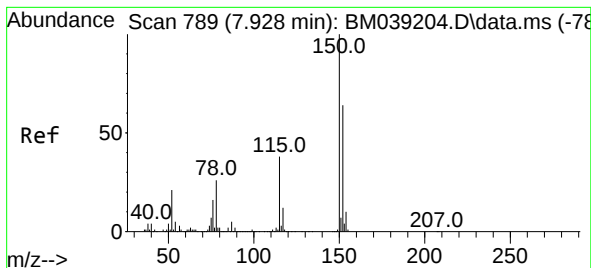
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.869 min Scan# 796

Delta R.T. -0.000 min

Lab File: BM039380.D

Acq: 10 Apr 2023 16:42

Instrument :

BNA_M

ClientSampleId :

ETGI-338

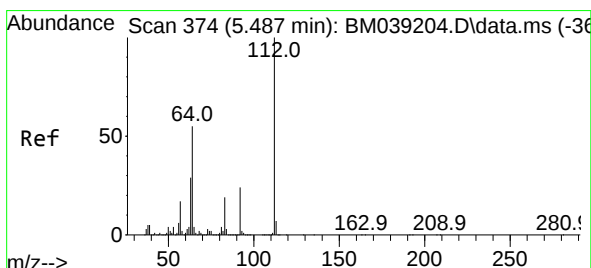
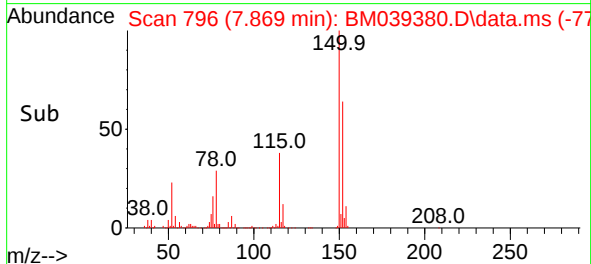
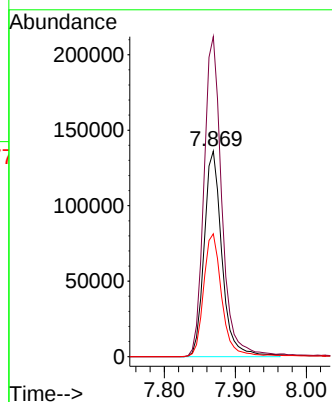
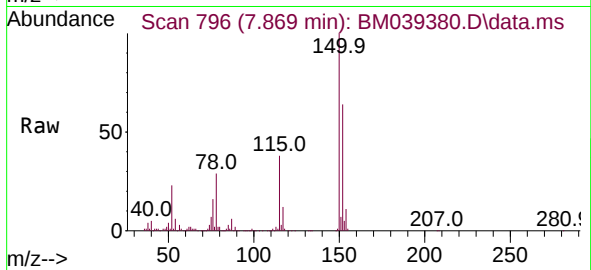
Tgt Ion:152 Resp: 236543

Ion Ratio Lower Upper

152 100

150 155.7 125.5 188.3

115 59.7 48.1 72.1



#5

2-Fluorophenol

Concen: 53.026 ng

RT: 5.428 min Scan# 381

Delta R.T. -0.000 min

Lab File: BM039380.D

Acq: 10 Apr 2023 16:42

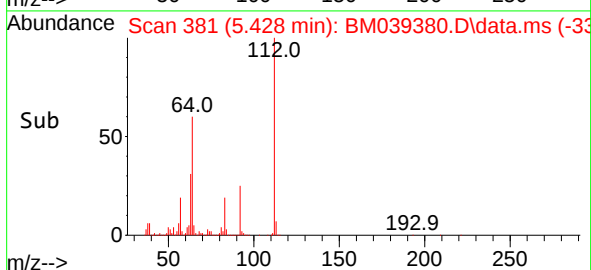
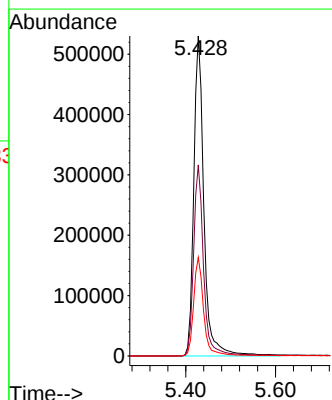
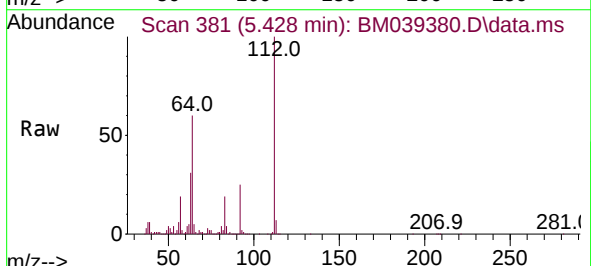
Tgt Ion:112 Resp: 832523

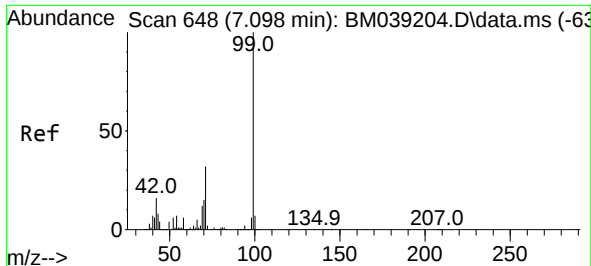
Ion Ratio Lower Upper

112 100

64 59.7 44.3 66.5

63 30.8 23.0 34.6

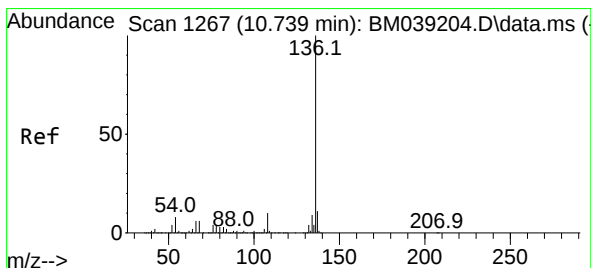
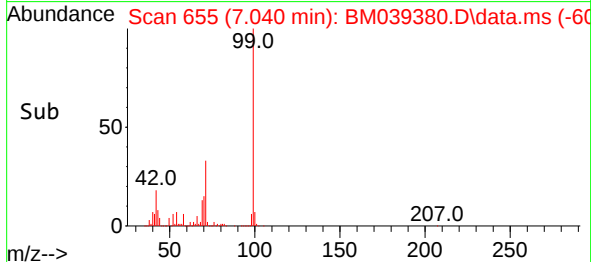
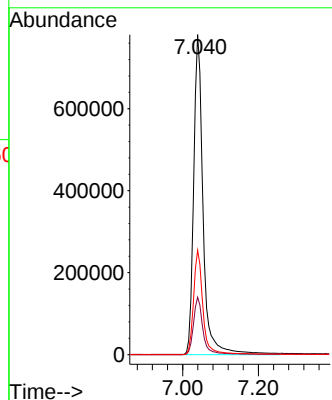
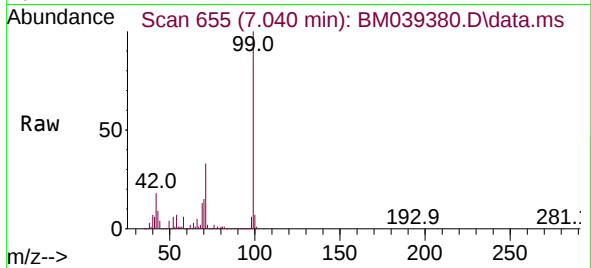




#7
Phenol-d6
Concen: 66.448 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039380.D
Acq: 10 Apr 2023 16:42

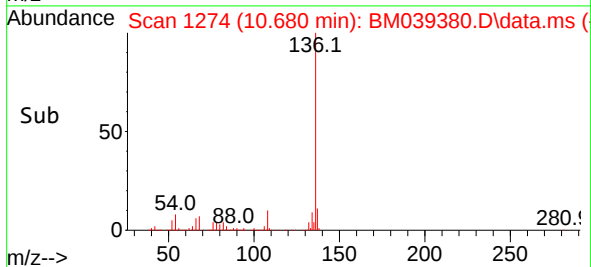
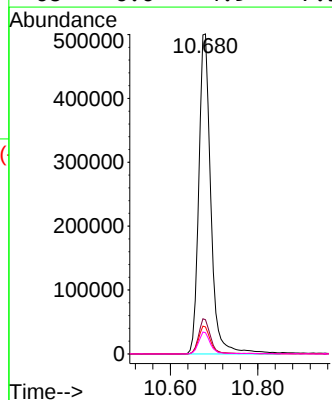
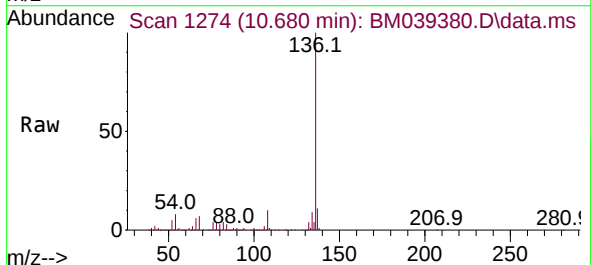
Instrument :
BNA_M
ClientSampleId :
ETGI-338

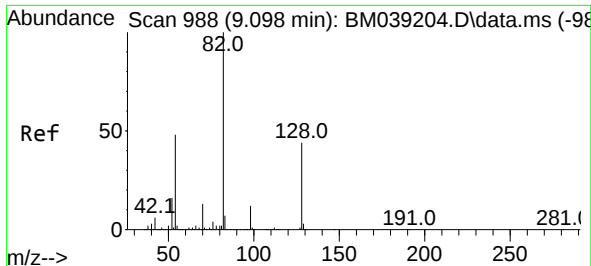
Tgt Ion: 99 Resp: 1349369
Ion Ratio Lower Upper
99 100
42 17.9 13.0 19.6
71 32.6 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.680 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BM039380.D
Acq: 10 Apr 2023 16:42

Tgt Ion: 136 Resp: 954725
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.4 6.2 9.4
68 6.6 4.9 7.3

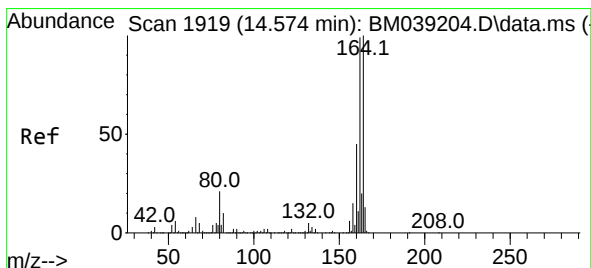
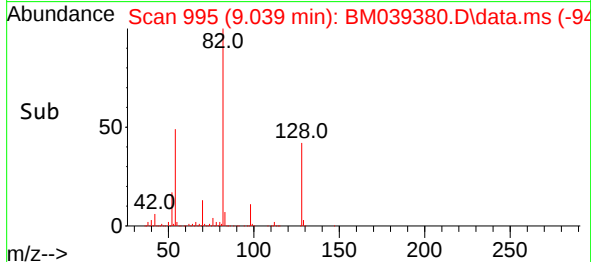
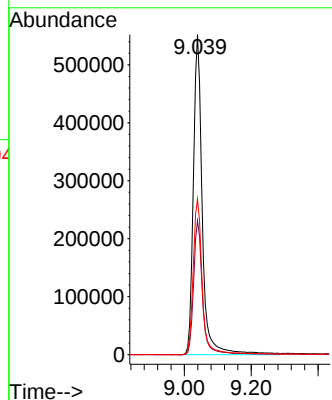
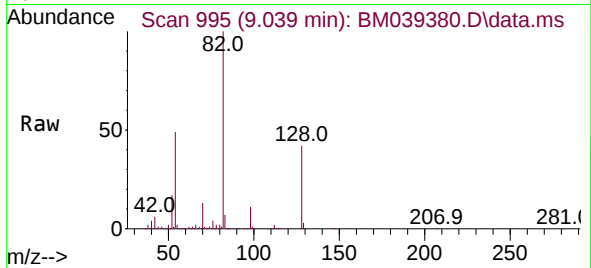




#23
Nitrobenzene-d5
Concen: 52.273 ng
RT: 9.039 min Scan# 995
Delta R.T. -0.000 min
Lab File: BM039380.D
Acq: 10 Apr 2023 16:42

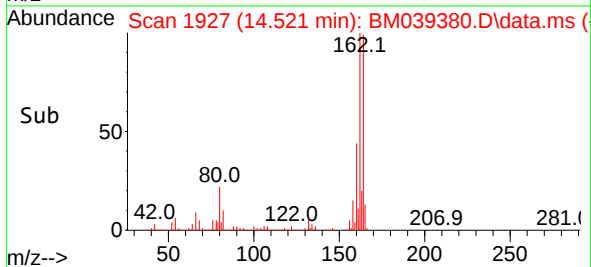
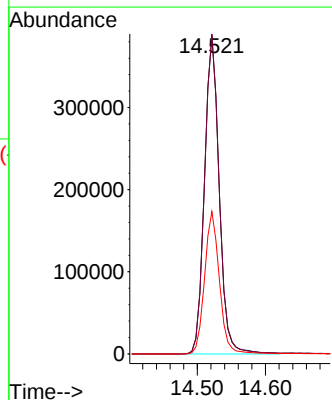
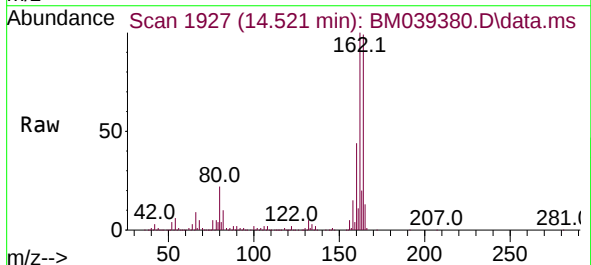
Instrument :
BNA_M
ClientSampleId :
ETGI-338

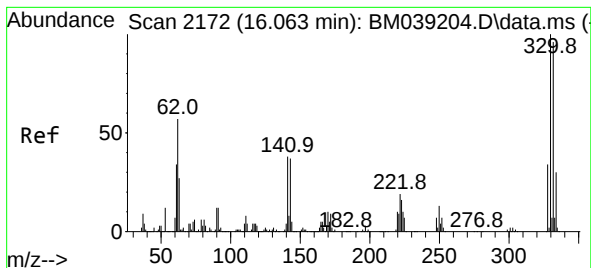
Tgt Ion: 82 Resp: 1026826
Ion Ratio Lower Upper
82 100
128 41.9 35.1 52.7
54 48.6 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.521 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BM039380.D
Acq: 10 Apr 2023 16:42

Tgt Ion: 164 Resp: 582117
Ion Ratio Lower Upper
164 100
162 100.7 79.1 118.7
160 44.8 35.8 53.8

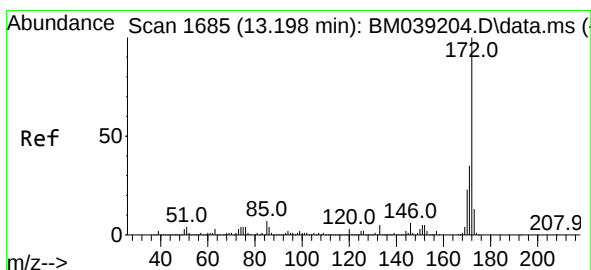
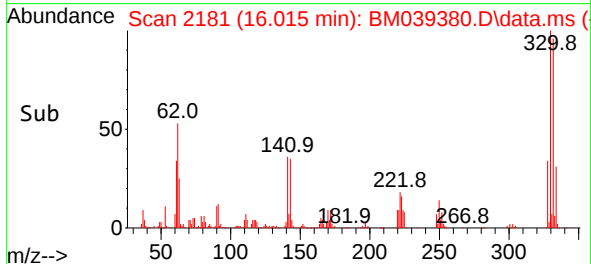
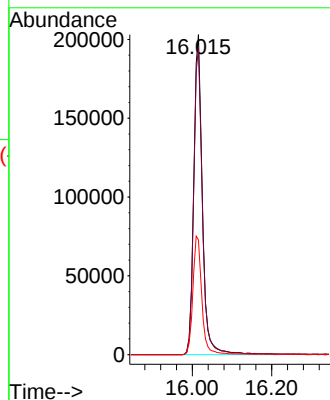
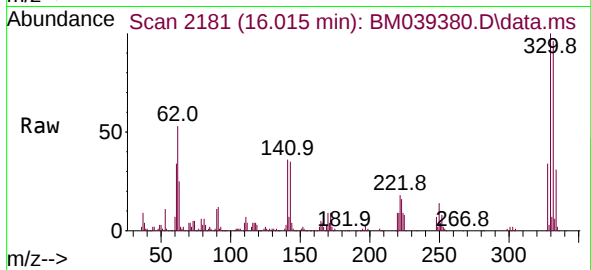




#42
2,4,6-Tribromophenol
Concen: 41.529 ng
RT: 16.015 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM039380.D
Acq: 10 Apr 2023 16:42

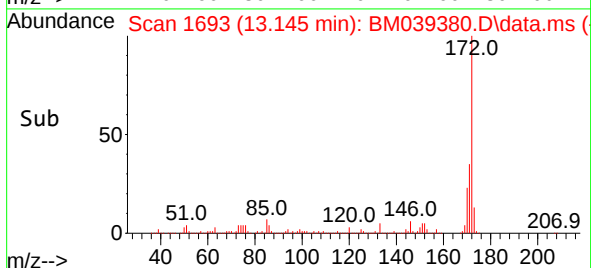
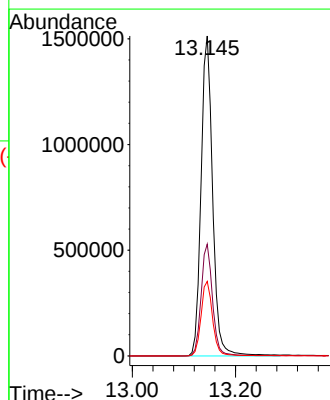
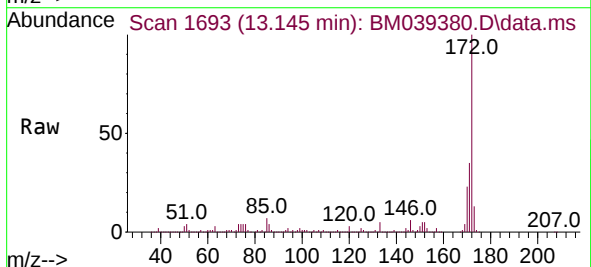
Instrument :
BNA_M
ClientSampleId :
ETGI-338

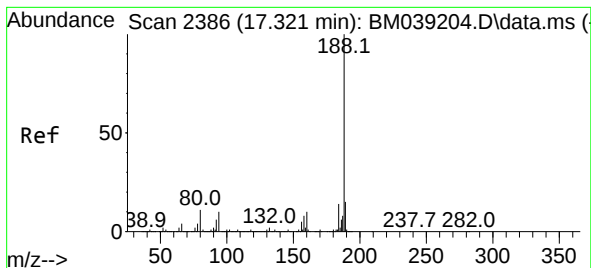
Tgt Ion:330 Resp: 306875
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.0
141 38.4 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 54.740 ng
RT: 13.145 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BM039380.D
Acq: 10 Apr 2023 16:42

Tgt Ion:172 Resp: 2351823
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.268 min Scan# 23

Delta R.T. -0.000 min

Lab File: BM039380.D

Acq: 10 Apr 2023 16:42

Instrument :

BNA_M

ClientSampleId :

ETGI-338

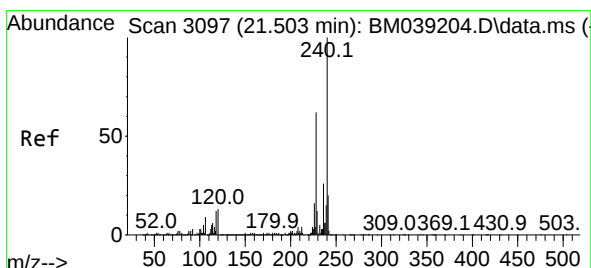
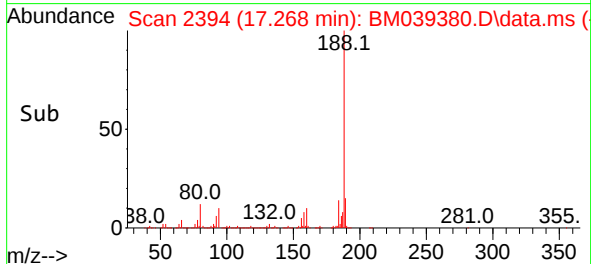
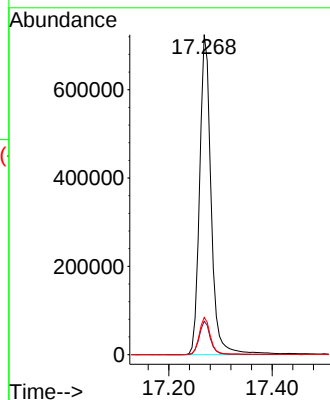
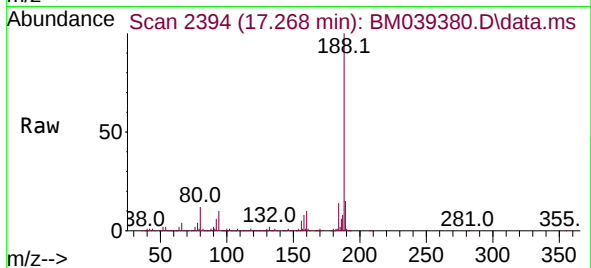
Tgt Ion:188 Resp: 1118149

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.4

80 11.6 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.462 min Scan# 3107

Delta R.T. -0.000 min

Lab File: BM039380.D

Acq: 10 Apr 2023 16:42

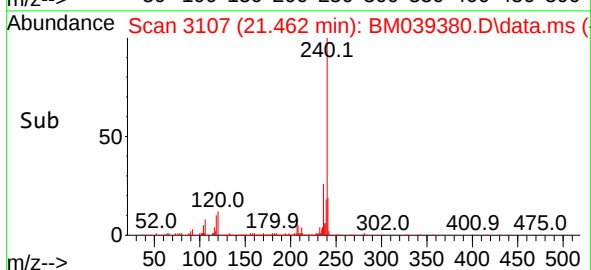
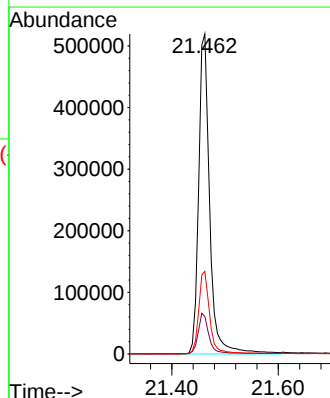
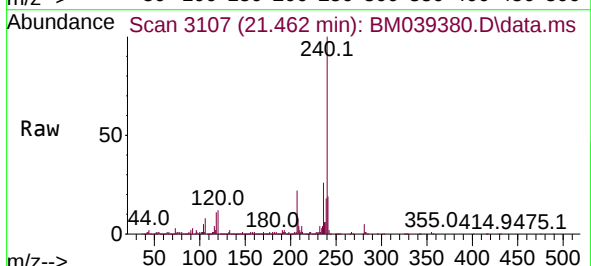
Tgt Ion:240 Resp: 744876

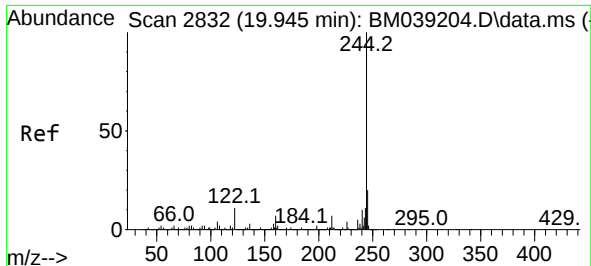
Ion Ratio Lower Upper

240 100

120 11.7 10.2 15.2

236 25.8 20.9 31.3

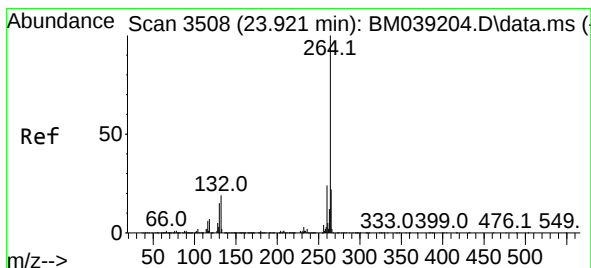
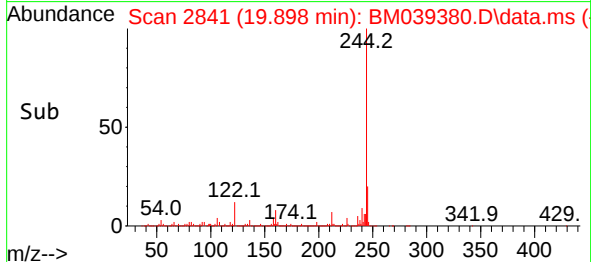
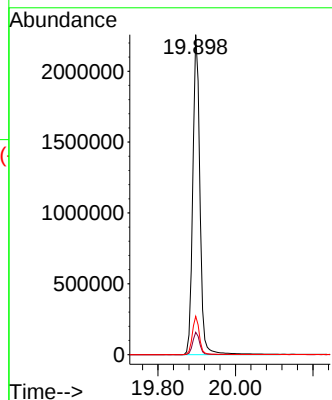
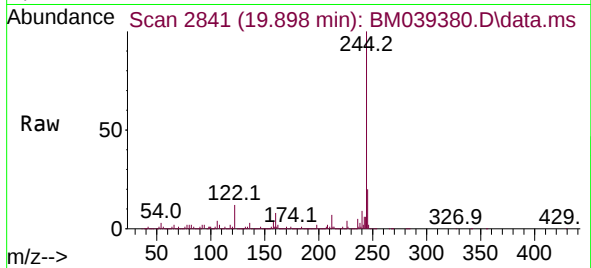




#79
 Terphenyl-d14
 Concen: 71.510 ng
 RT: 19.898 min Scan# 2832
 Delta R.T. -0.000 min
 Lab File: BM039380.D
 Acq: 10 Apr 2023 16:42

Instrument :
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 ETGI-338

Tgt Ion:244 Resp: 2883048
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 12.0 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.844 min Scan# 3512
 Delta R.T. -0.000 min
 Lab File: BM039380.D
 Acq: 10 Apr 2023 16:42

Tgt Ion:264 Resp: 770592
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 22.8 18.1 27.1

