

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082123\
 Data File : BM041444.D
 Acq On : 21 Aug 2023 12:35
 Operator : MA/JU
 Sample : 04080-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-340

Quant Time: Aug 22 03:35:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 03:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	131205	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	521672	20.000	ng	0.00
39) Acenaphthene-d10	14.415	164	358910	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	851388	20.000	ng	0.00
76) Chrysene-d12	21.386	240	935706	20.000	ng	0.00
86) Perylene-d12	23.727	264	1135848	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	878968	111.446	ng	0.00
7) Phenol-d6	6.957	99	1029348	96.115	ng	0.00
23) Nitrobenzene-d5	8.933	82	758991	69.452	ng	0.00
42) 2,4,6-Tribromophenol	15.921	330	616282	108.201	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	1839799	68.690	ng	0.00
79) Terphenyl-d14	19.815	244	3702258	68.852	ng	0.00

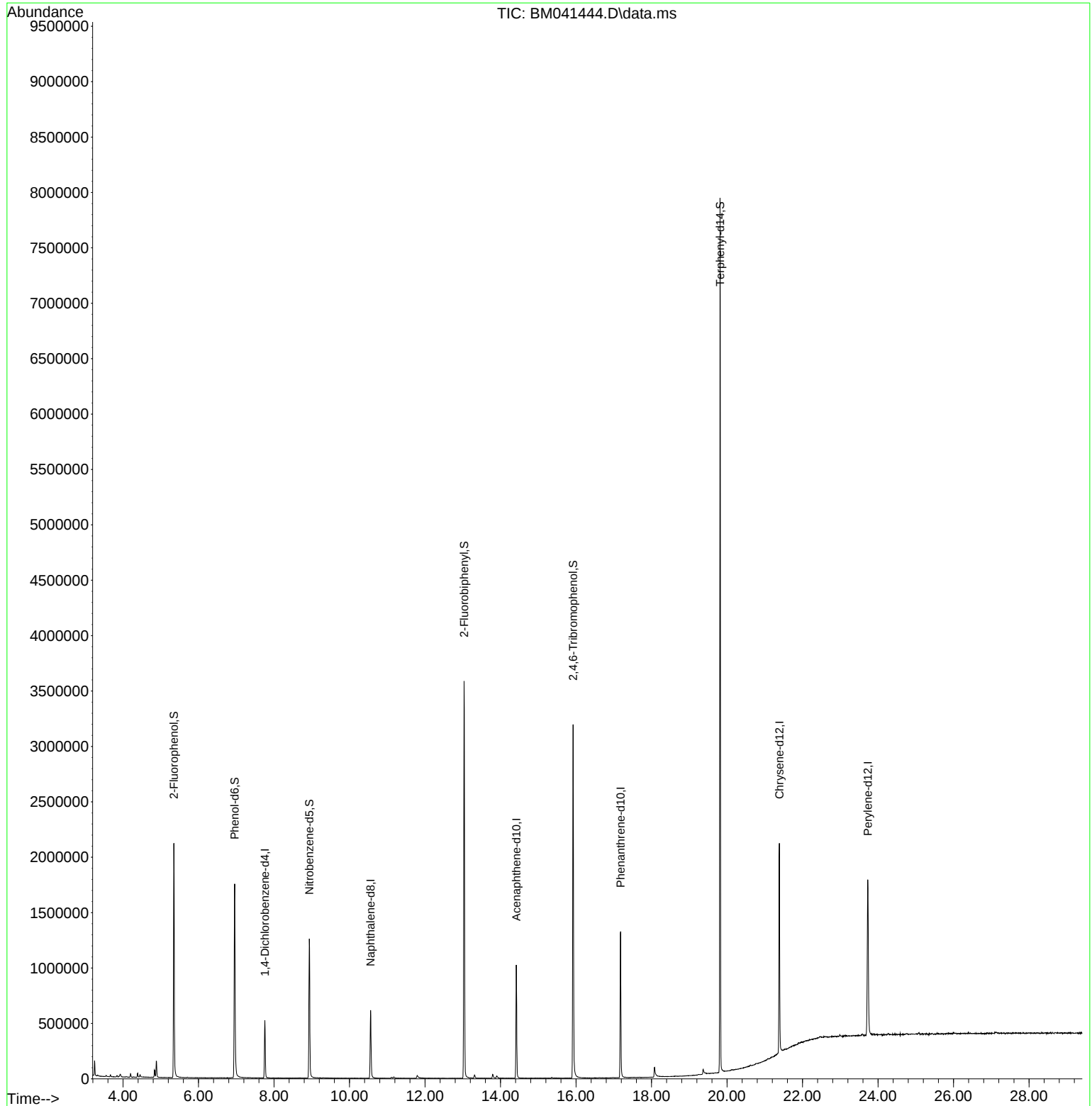
Target Compounds	Qvalue

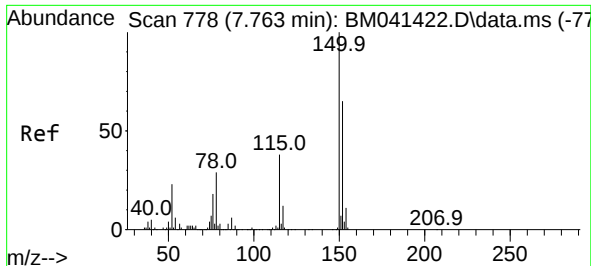
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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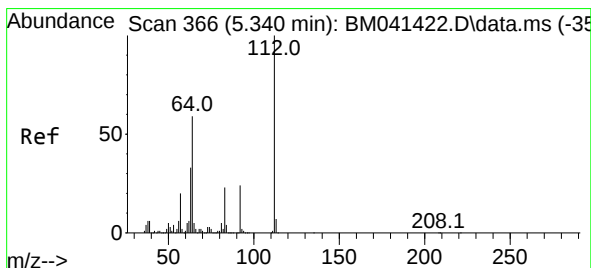
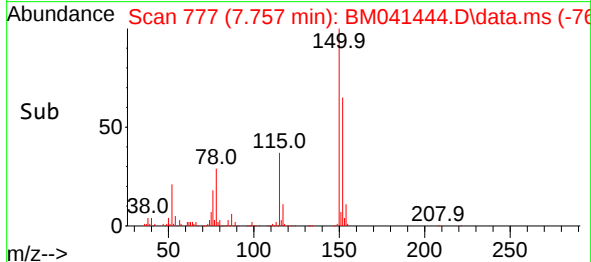
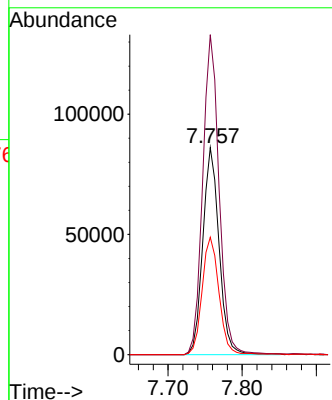
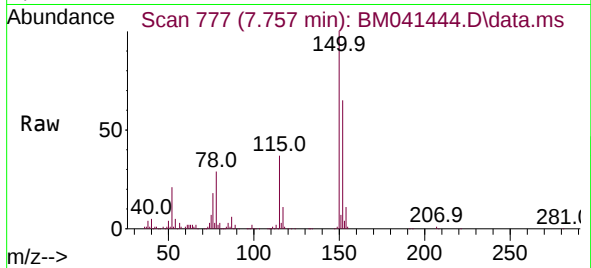




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.757 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BM041444.D
 Acq: 21 Aug 2023 12:35

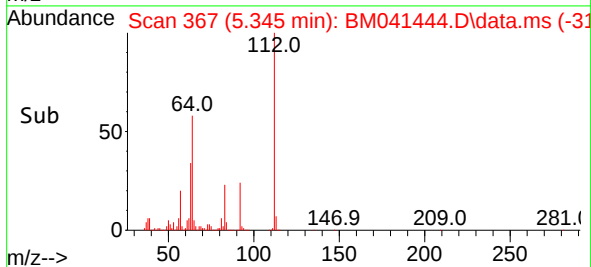
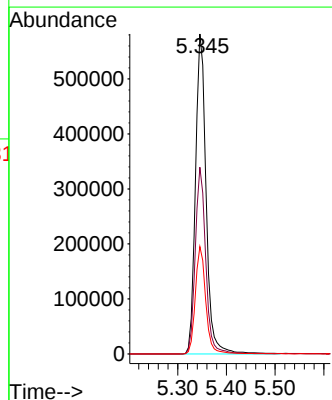
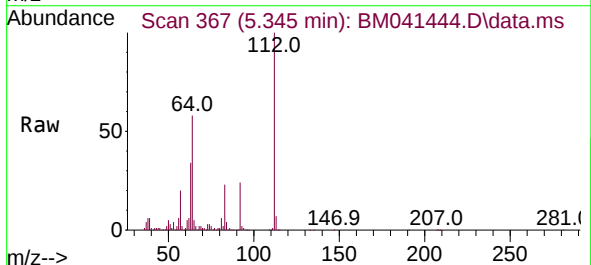
Instrument :
 BNA_M
 ClientSampleId :
 ETGI-340

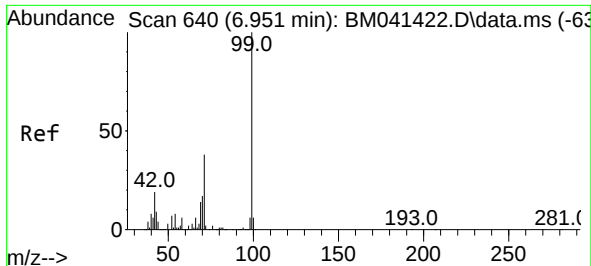
Tgt Ion:152 Resp: 131205
 Ion Ratio Lower Upper
 152 100
 150 154.6 123.8 185.6
 115 56.7 46.6 70.0



#5
 2-Fluorophenol
 Concen: 111.446 ng
 RT: 5.345 min Scan# 367
 Delta R.T. -0.000 min
 Lab File: BM041444.D
 Acq: 21 Aug 2023 12:35

Tgt Ion:112 Resp: 878968
 Ion Ratio Lower Upper
 112 100
 64 58.3 47.3 70.9
 63 33.5 26.5 39.7

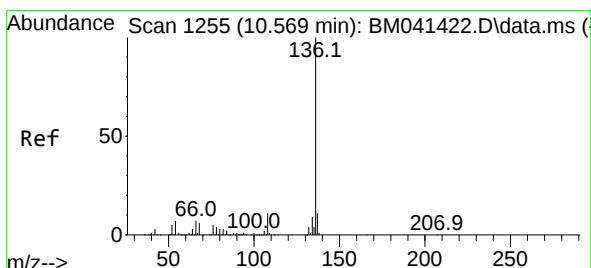
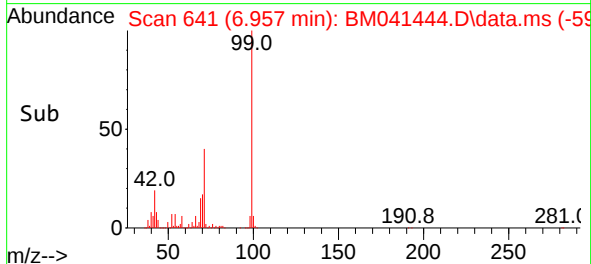
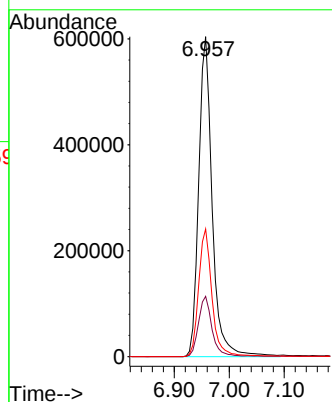
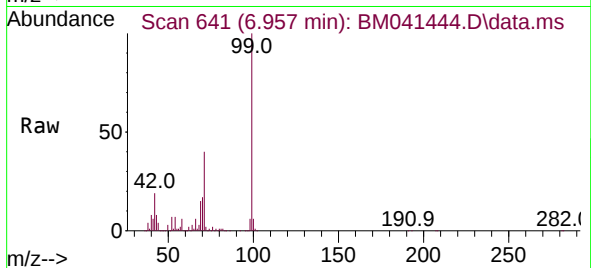




#7
Phenol-d6
Concen: 96.115 ng
RT: 6.957 min Scan# 641
Delta R.T. -0.000 min
Lab File: BM041444.D
Acq: 21 Aug 2023 12:35

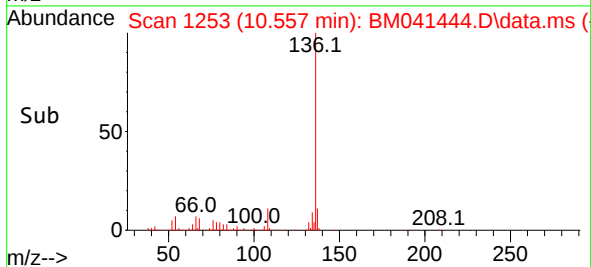
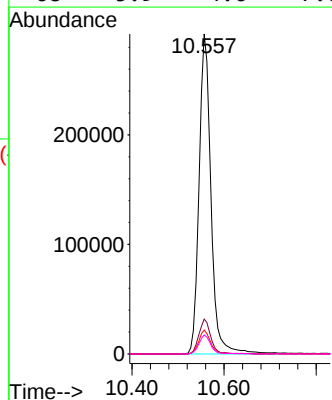
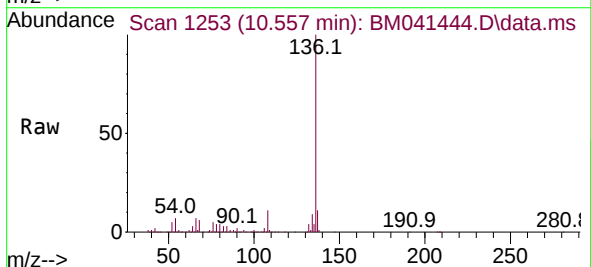
Instrument :
BNA_M
ClientSampleId :
ETGI-340

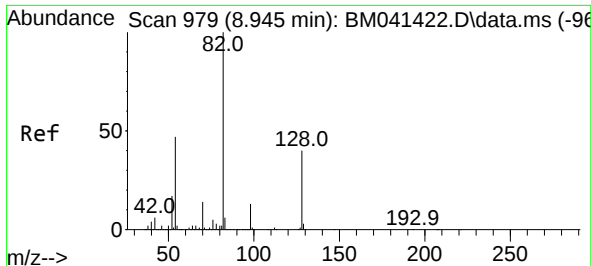
Tgt Ion: 99 Resp: 1029348
Ion Ratio Lower Upper
99 100
42 18.8 15.2 22.8
71 39.9 30.7 46.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BM041444.D
Acq: 21 Aug 2023 12:35

Tgt Ion: 136 Resp: 521672
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.4 5.7 8.5
68 5.9 4.6 7.0





#23

Nitrobenzene-d5

Concen: 69.452 ng

RT: 8.933 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM041444.D

Acq: 21 Aug 2023 12:35

Instrument :

BNA_M

ClientSampleId :

ETGI-340

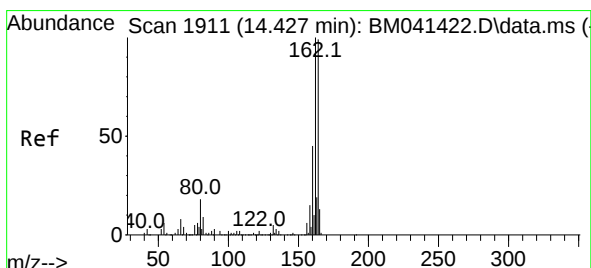
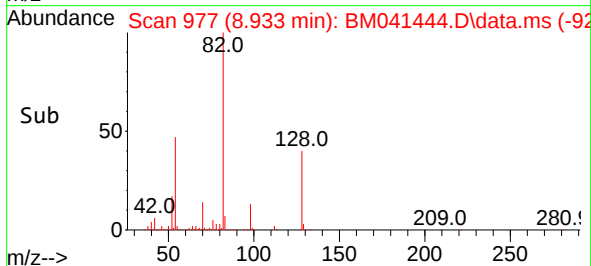
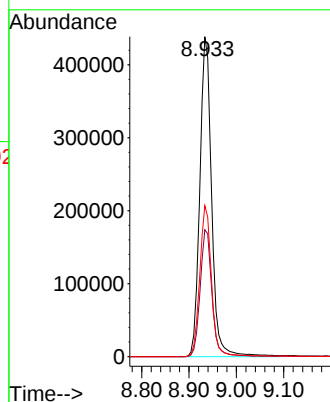
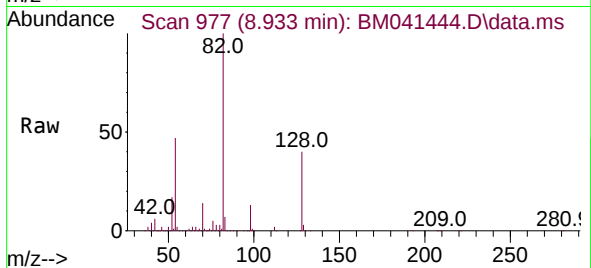
Tgt Ion: 82 Resp: 758991

Ion Ratio Lower Upper

82 100

128 39.6 32.2 48.4

54 47.2 37.5 56.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.415 min Scan# 1909

Delta R.T. -0.000 min

Lab File: BM041444.D

Acq: 21 Aug 2023 12:35

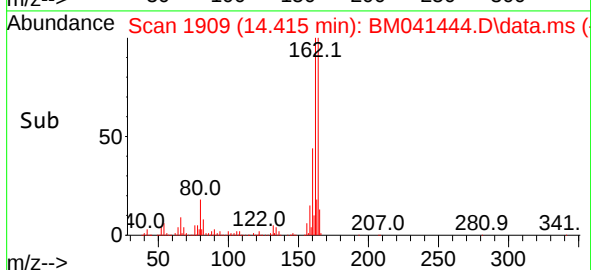
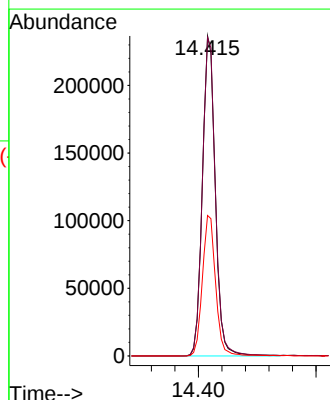
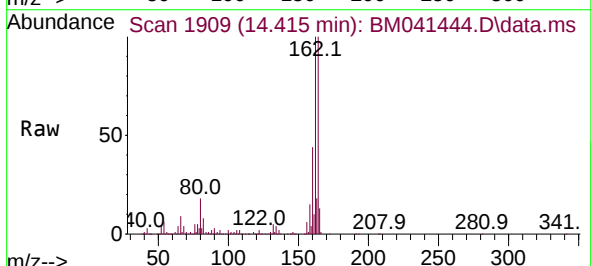
Tgt Ion: 164 Resp: 358910

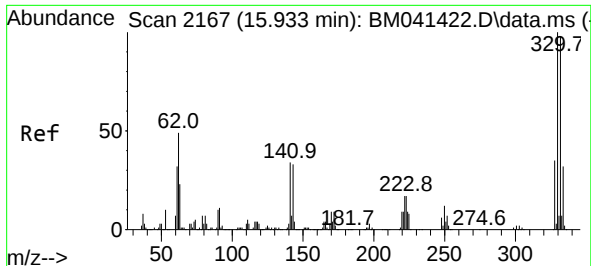
Ion Ratio Lower Upper

164 100

162 99.6 80.4 120.6

160 43.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 108.201 ng

RT: 15.921 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041444.D

Acq: 21 Aug 2023 12:35

Instrument :

BNA_M

ClientSampleId :

ETGI-340

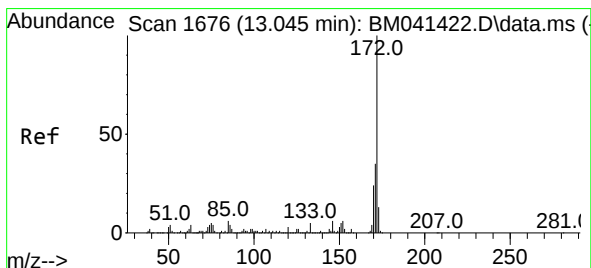
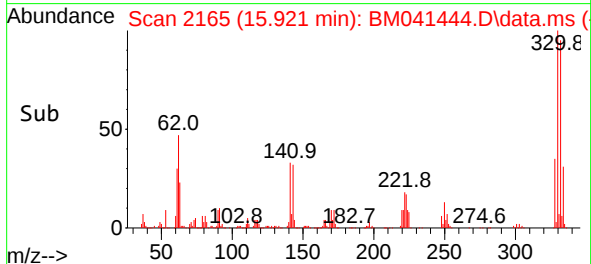
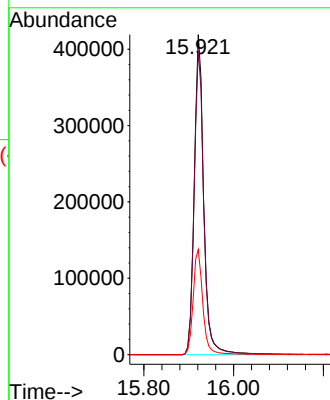
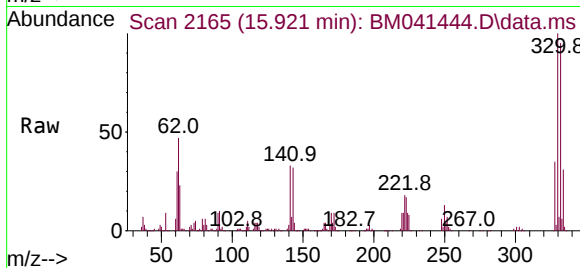
Tgt Ion:330 Resp: 616282

Ion Ratio Lower Upper

330 100

332 96.1 78.0 117.0

141 33.4 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 68.690 ng

RT: 13.033 min Scan# 1674

Delta R.T. -0.000 min

Lab File: BM041444.D

Acq: 21 Aug 2023 12:35

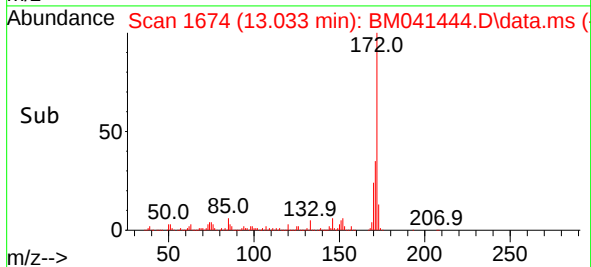
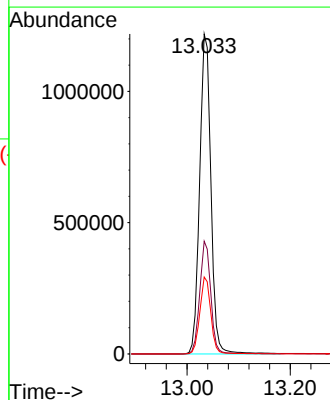
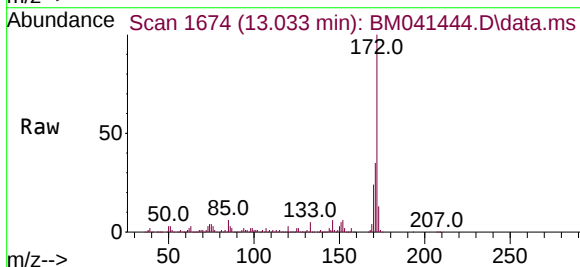
Tgt Ion:172 Resp: 1839799

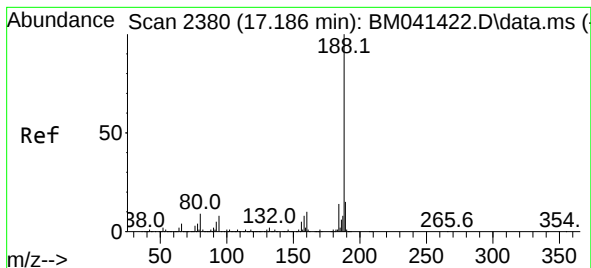
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 24.0 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.180 min Scan# 2380

Delta R.T. 0.006 min

Lab File: BM041444.D

Acq: 21 Aug 2023 12:35

Instrument :

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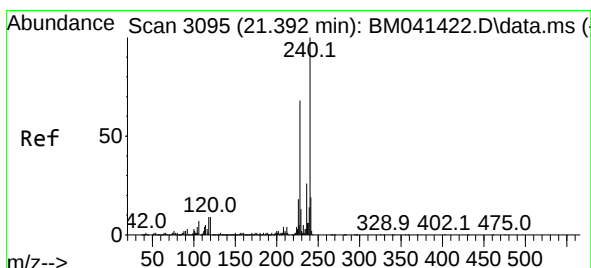
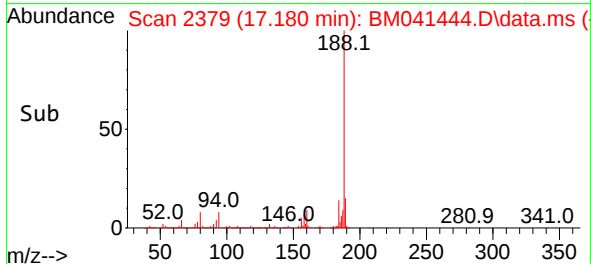
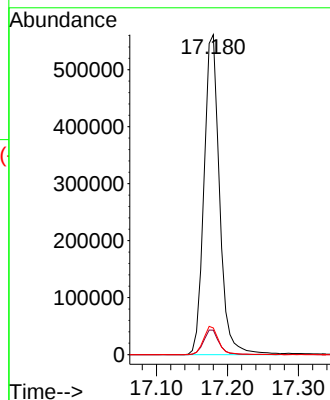
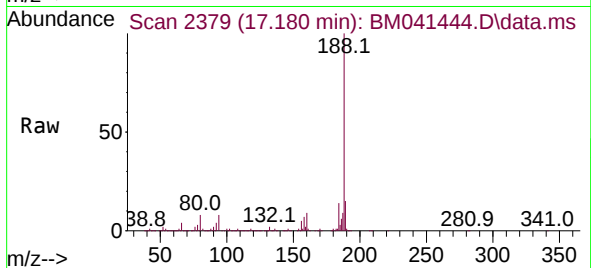
Tgt Ion:188 Resp: 851388

Ion Ratio Lower Upper

188 100

94 7.6 6.6 9.8

80 8.3 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BM041444.D

Acq: 21 Aug 2023 12:35

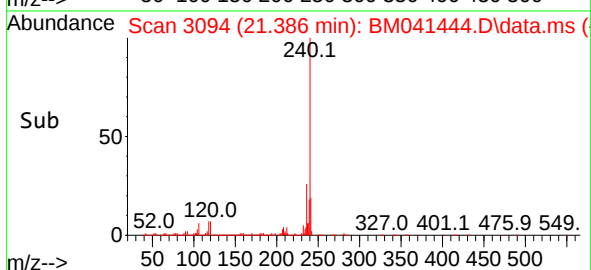
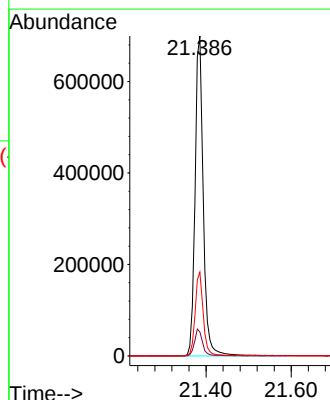
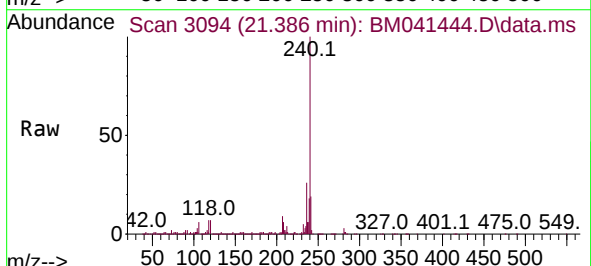
Tgt Ion:240 Resp: 935706

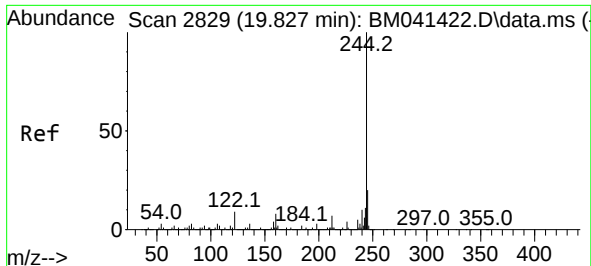
Ion Ratio Lower Upper

240 100

120 7.5 7.4 11.2

236 26.2 20.8 31.2

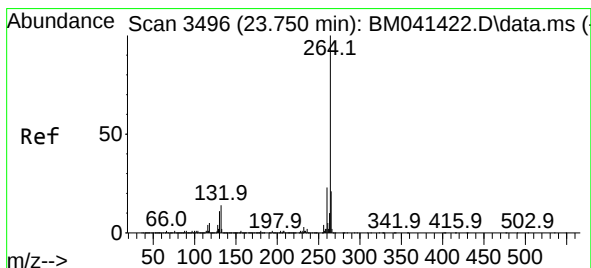
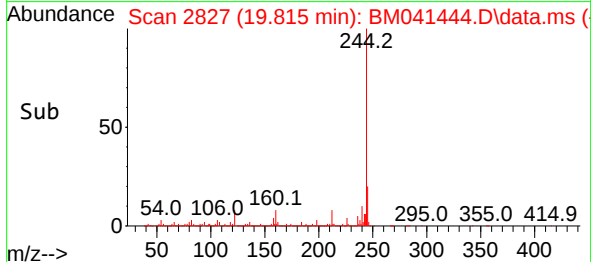
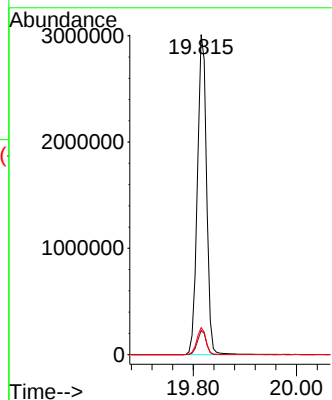
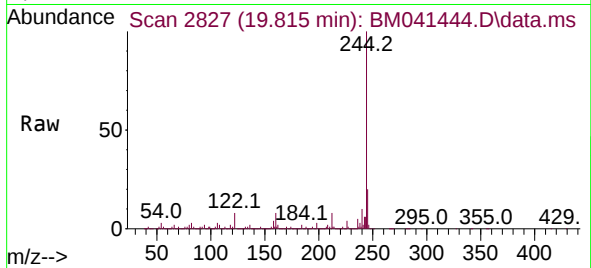




#79
 Terphenyl-d14
 Concen: 68.852 ng
 RT: 19.815 min Scan# 2827
 Delta R.T. -0.000 min
 Lab File: BM041444.D
 Acq: 21 Aug 2023 12:35

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 ETGI-340

Tgt Ion:244 Resp: 3702258
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 8.4 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 3492
 Delta R.T. -0.000 min
 Lab File: BM041444.D
 Acq: 21 Aug 2023 12:35

Tgt Ion:264 Resp: 1135848
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 22.4 17.5 26.3

