

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
 Data File : BM039382.D
 Acq On : 10 Apr 2023 17:58
 Operator : CG/JU
 Sample : 02260-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1E

Quant Time: Apr 11 02:13:12 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)

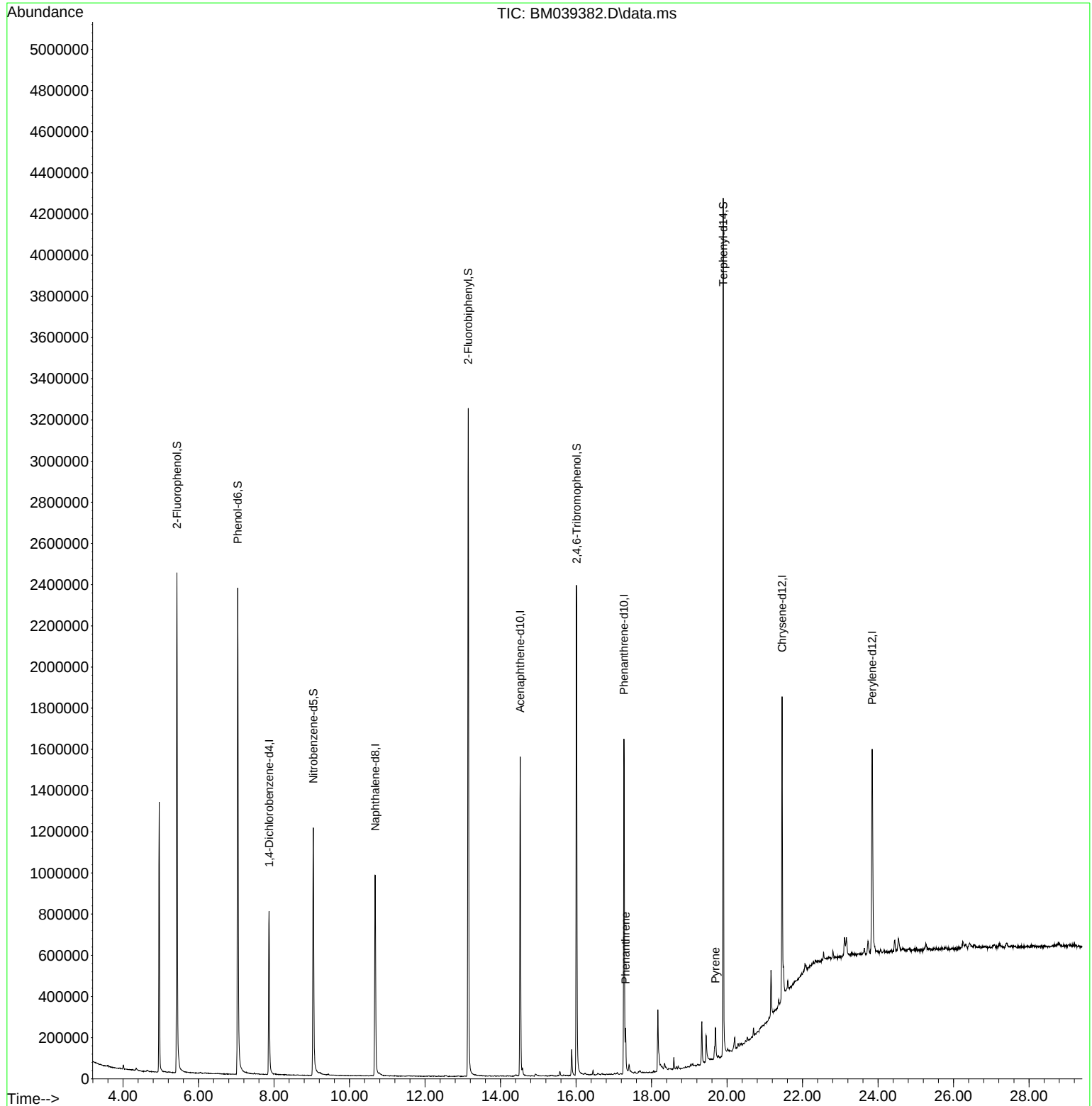
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	227665	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	908529	20.000	ng	0.00
39) Acenaphthene-d10	14.521	164	537105	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	1011068	20.000	ng	0.00
76) Chrysene-d12	21.456	240	711085	20.000	ng	0.00
86) Perylene-d12	23.844	264	777343	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1091295	72.218	ng	0.00
7) Phenol-d6	7.040	99	1473446	75.387	ng	0.00
23) Nitrobenzene-d5	9.039	82	811536	43.414	ng	0.00
42) 2,4,6-Tribromophenol	16.015	330	419867	61.582	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	1759512	44.386	ng	0.00
79) Terphenyl-d14	19.898	244	1959699	50.917	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.309	178	118822	2.146	ng	100
78) Pyrene	19.692	202	101331	2.002	ng	98

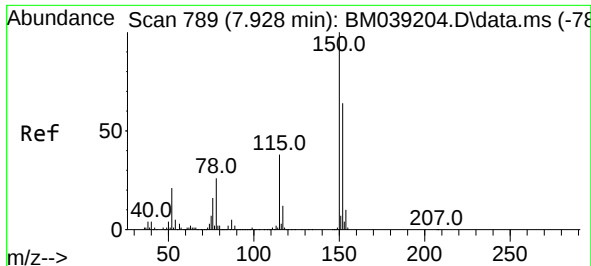
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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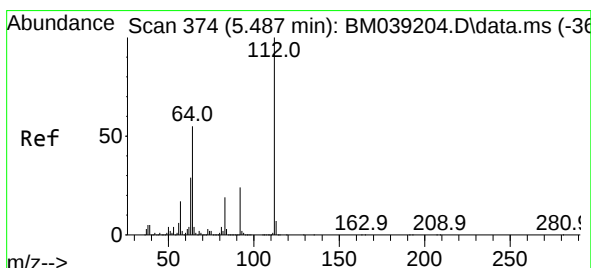
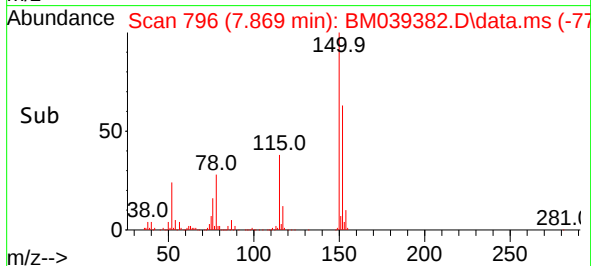
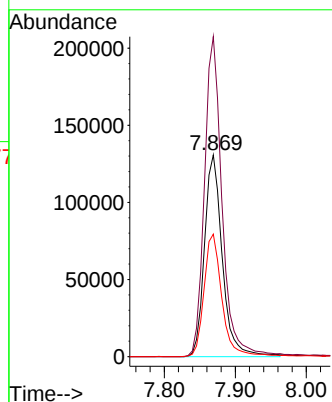
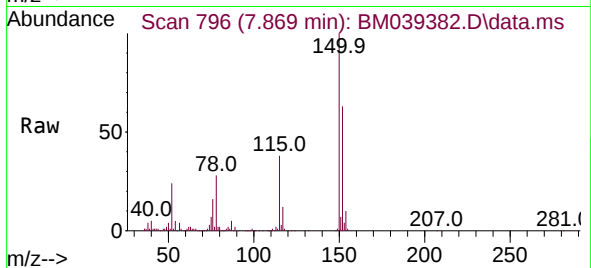




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.869 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: BM039382.D
 Acq: 10 Apr 2023 17:58

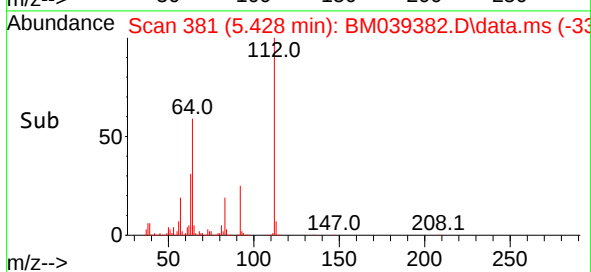
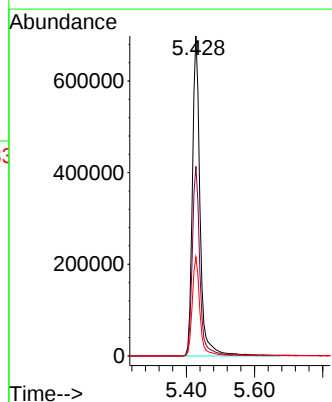
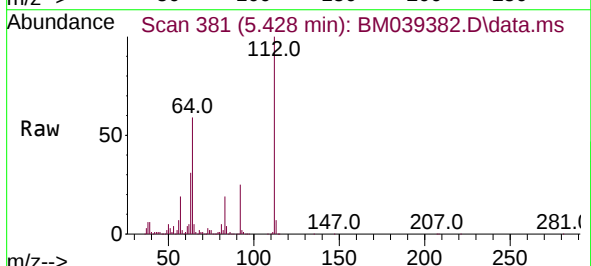
Instrument :
 BNA_M
 ClientSampleId :
 SP-1E

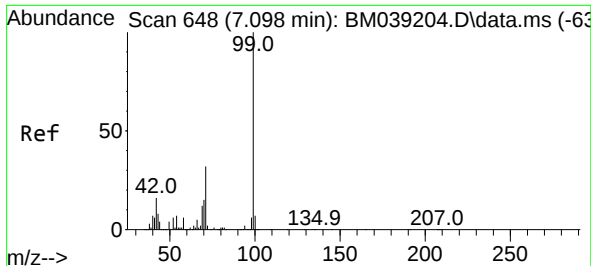
Tgt Ion:152 Resp: 227665
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.5 188.3
 115 60.8 48.1 72.1



#5
 2-Fluorophenol
 Concen: 72.218 ng
 RT: 5.428 min Scan# 381
 Delta R.T. -0.000 min
 Lab File: BM039382.D
 Acq: 10 Apr 2023 17:58

Tgt Ion:112 Resp: 1091295
 Ion Ratio Lower Upper
 112 100
 64 59.2 44.3 66.5
 63 30.9 23.0 34.6

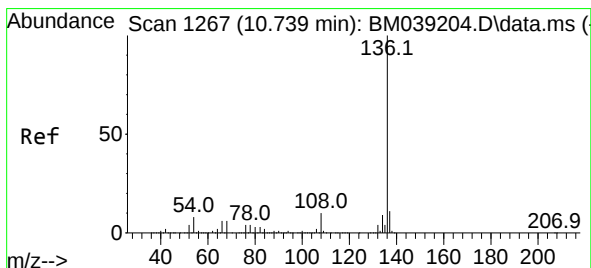
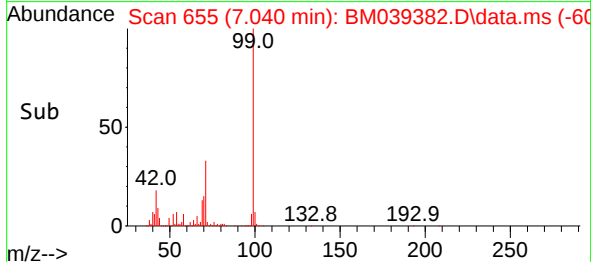
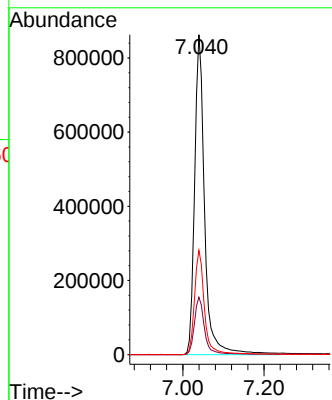
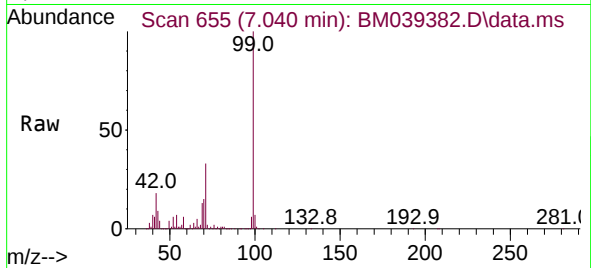




#7
Phenol-d6
Concen: 75.387 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039382.D
Acq: 10 Apr 2023 17:58

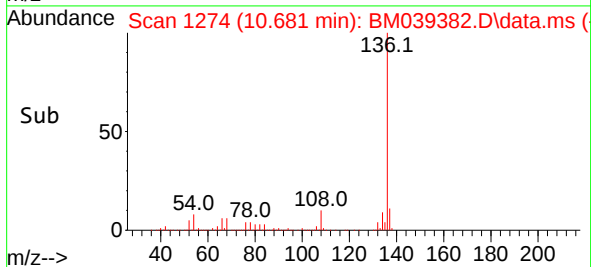
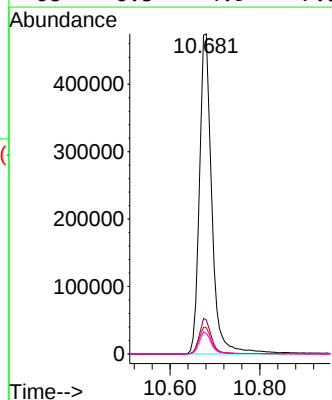
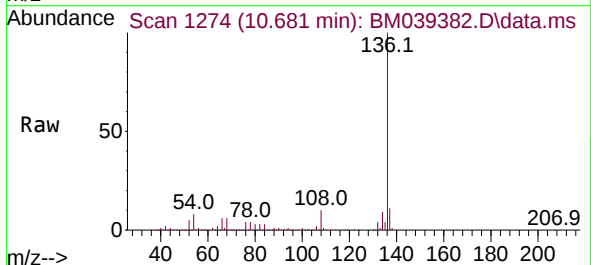
Instrument :
BNA_M
ClientSampleId :
SP-1E

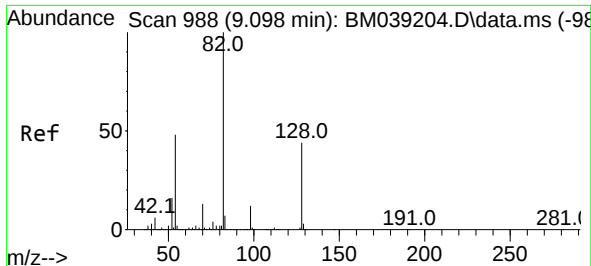
Tgt Ion: 99 Resp: 1473446
Ion Ratio Lower Upper
99 100
42 17.9 13.0 19.6
71 32.6 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BM039382.D
Acq: 10 Apr 2023 17:58

Tgt Ion: 136 Resp: 908529
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.2 6.2 9.4
68 6.3 4.9 7.3

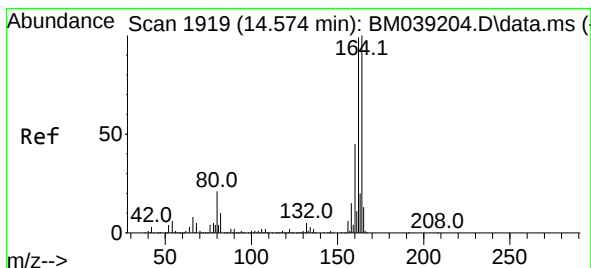
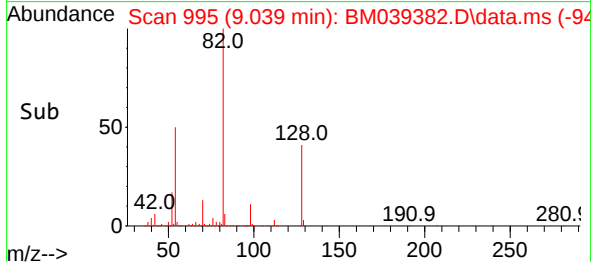
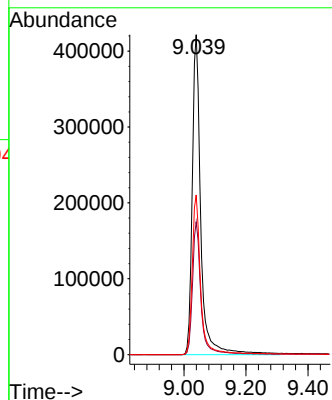
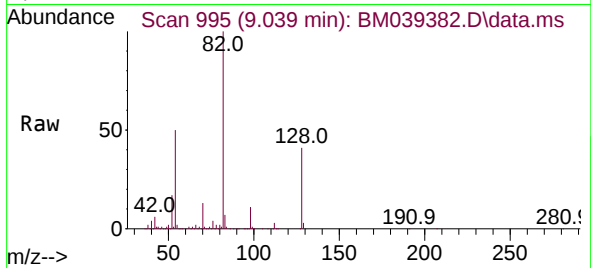




#23
Nitrobenzene-d5
Concen: 43.414 ng
RT: 9.039 min Scan# 995
Delta R.T. -0.000 min
Lab File: BM039382.D
Acq: 10 Apr 2023 17:58

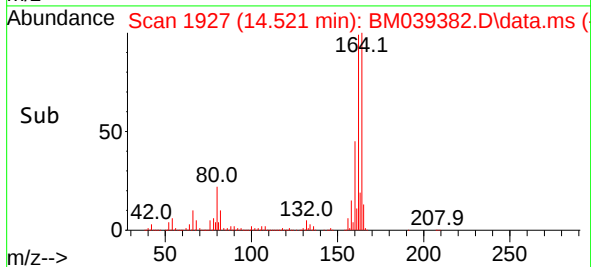
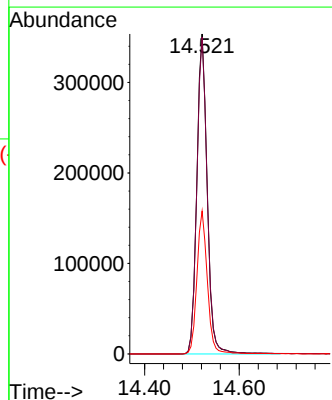
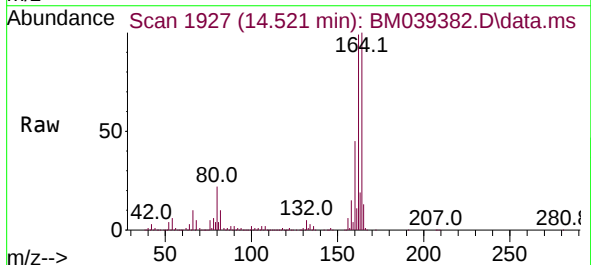
Instrument :
BNA_M
ClientSampleId :
SP-1E

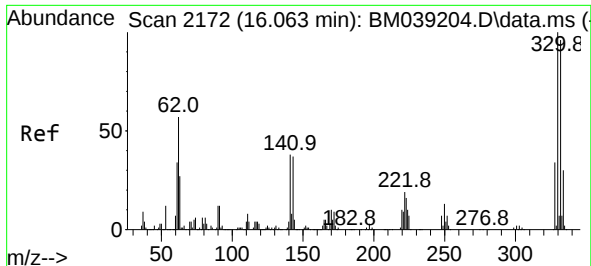
Tgt Ion: 82 Resp: 811536
Ion Ratio Lower Upper
82 100
128 41.5 35.1 52.7
54 49.9 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.521 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BM039382.D
Acq: 10 Apr 2023 17:58

Tgt Ion:164 Resp: 537105
Ion Ratio Lower Upper
164 100
162 99.0 79.1 118.7
160 44.6 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 61.582 ng

RT: 16.015 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039382.D

Acq: 10 Apr 2023 17:58

Instrument :

BNA_M

ClientSampleId :

SP-1E

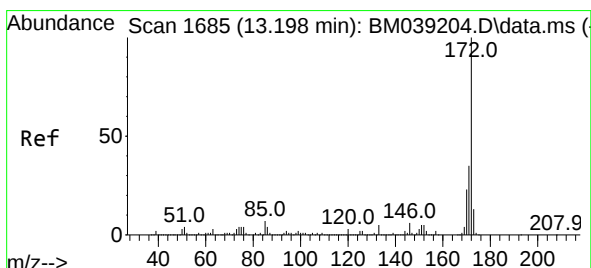
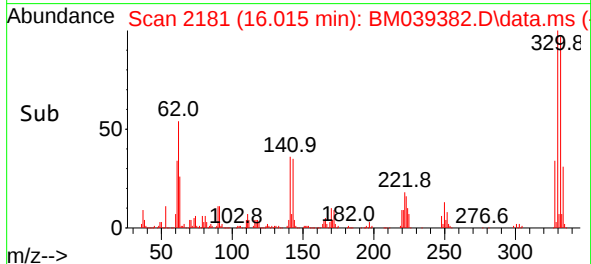
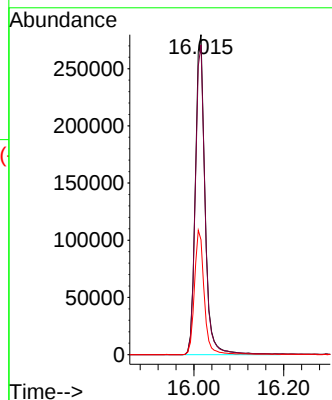
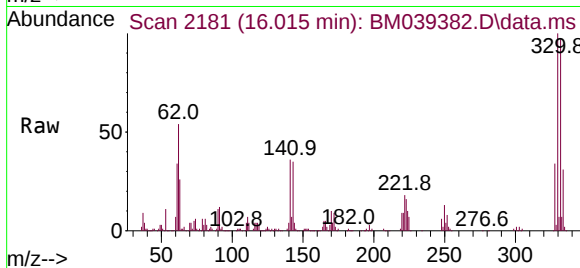
Tgt Ion:330 Resp: 419867

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 38.8 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 44.386 ng

RT: 13.145 min Scan# 1693

Delta R.T. -0.000 min

Lab File: BM039382.D

Acq: 10 Apr 2023 17:58

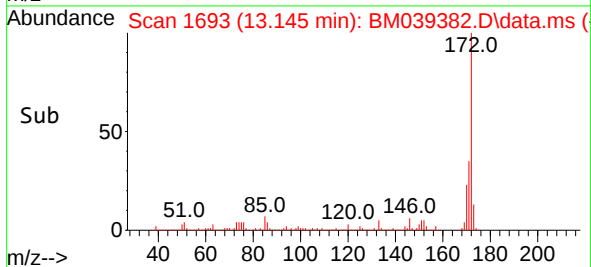
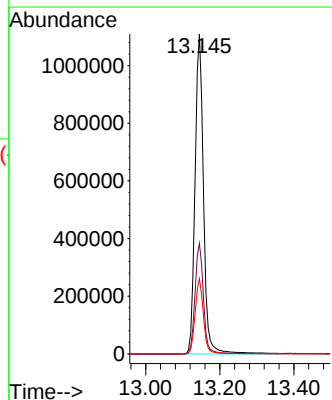
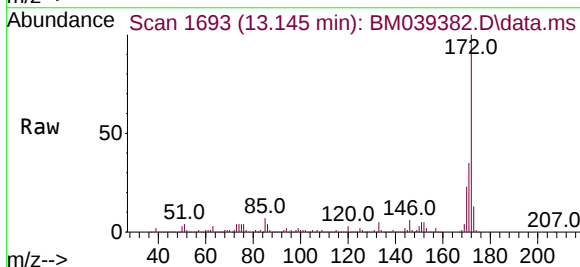
Tgt Ion:172 Resp: 1759512

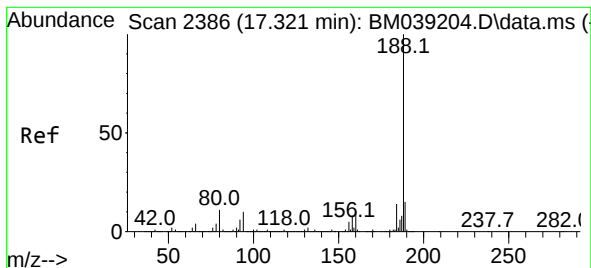
Ion Ratio Lower Upper

172 100

171 34.5 28.0 42.0

170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.268 min Scan# 2401

Delta R.T. -0.000 min

Lab File: BM039382.D

Acq: 10 Apr 2023 17:58

Instrument :

BNA_M

ClientSampleId :

SP-1E

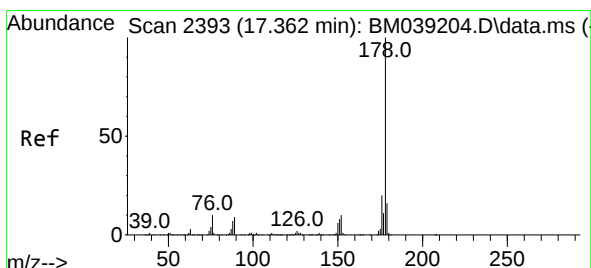
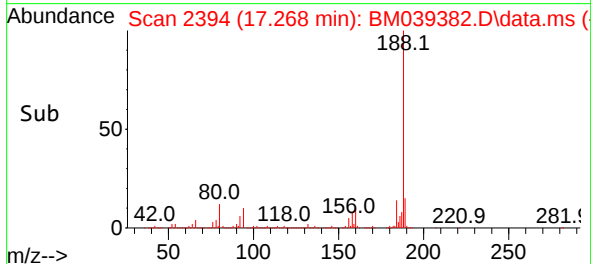
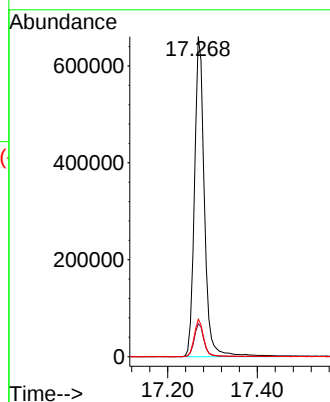
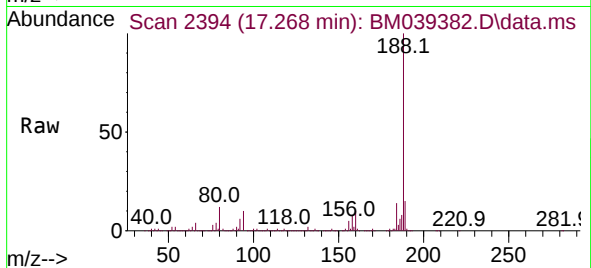
Tgt Ion:188 Resp: 1011068

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

80 11.7 8.9 13.3



#71

Phenanthrene

Concen: 2.146 ng

RT: 17.309 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BM039382.D

Acq: 10 Apr 2023 17:58

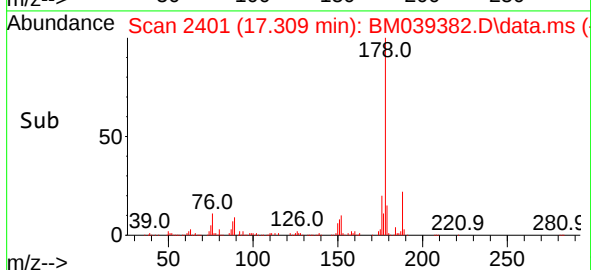
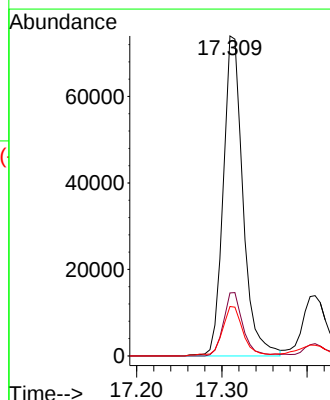
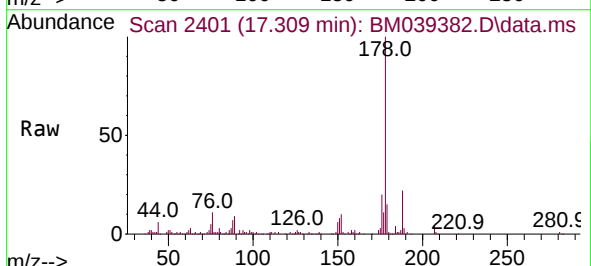
Tgt Ion:178 Resp: 118822

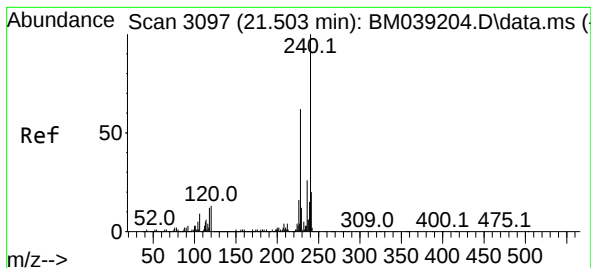
Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

179 15.4 12.4 18.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.456 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039382.D

Acq: 10 Apr 2023 17:58

Instrument :

BNA_M

ClientSampleId :

SP-1E

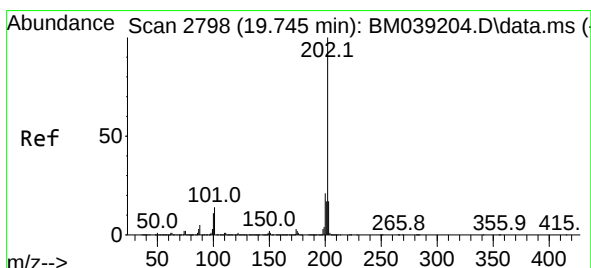
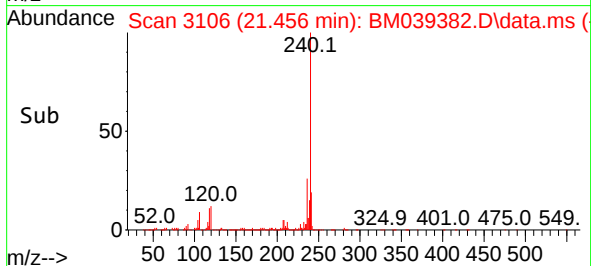
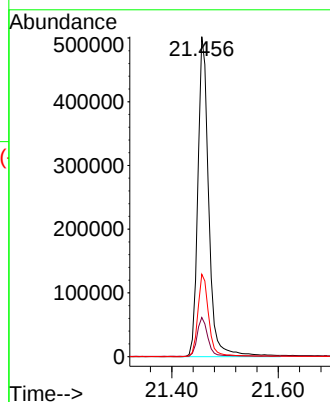
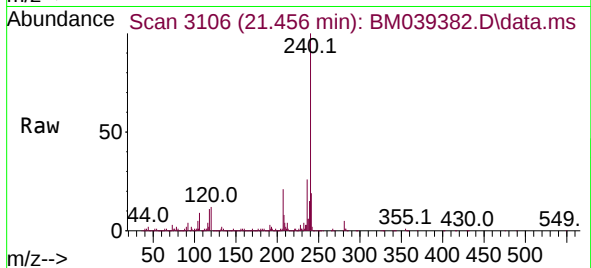
Tgt Ion:240 Resp: 711085

Ion Ratio Lower Upper

240 100

120 12.2 10.2 15.2

236 25.7 20.9 31.3



#78

Pyrene

Concen: 2.002 ng

RT: 19.692 min Scan# 2806

Delta R.T. -0.006 min

Lab File: BM039382.D

Acq: 10 Apr 2023 17:58

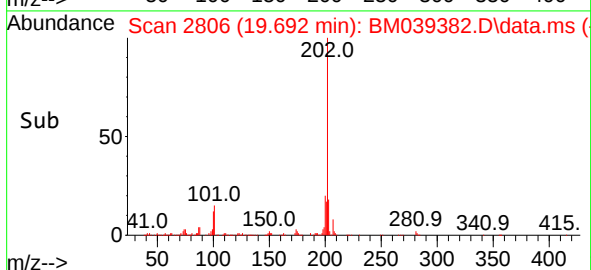
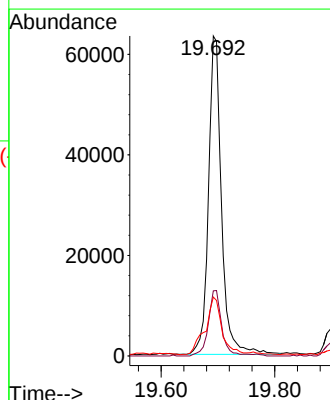
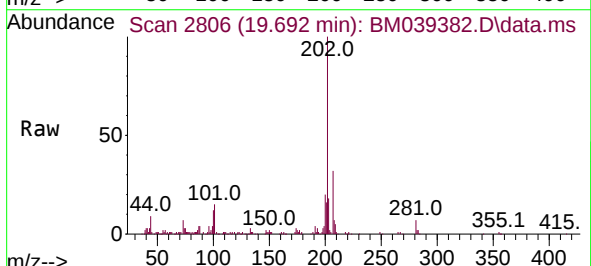
Tgt Ion:202 Resp: 101331

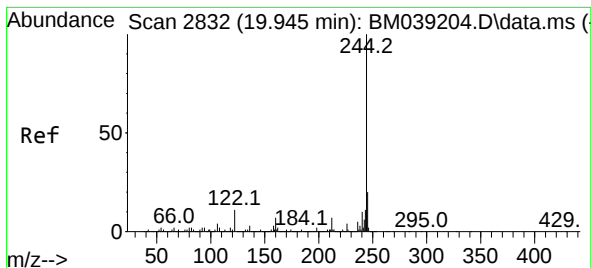
Ion Ratio Lower Upper

202 100

200 20.3 17.1 25.7

203 18.4 13.9 20.9





#79

Terphenyl-d14

Concen: 50.917 ng

RT: 19.898 min Scan# 2832

Delta R.T. -0.000 min

Lab File: BM039382.D

Acq: 10 Apr 2023 17:58

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SP-1E

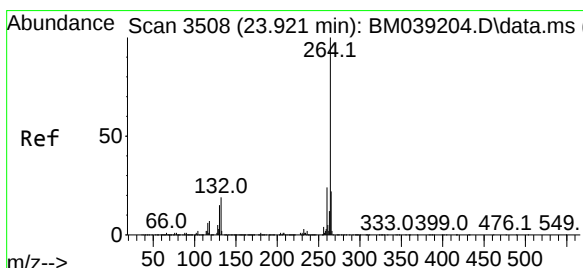
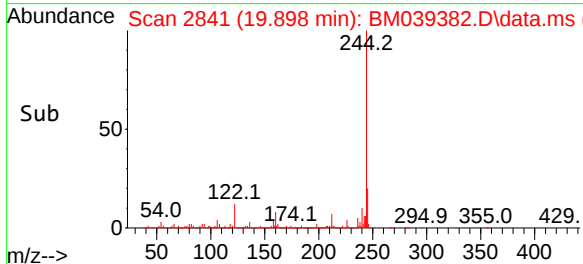
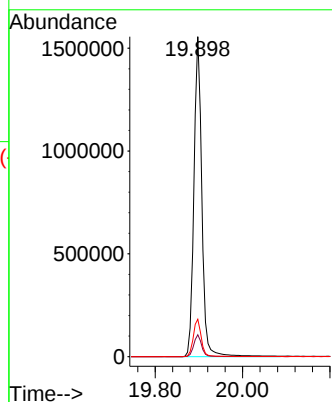
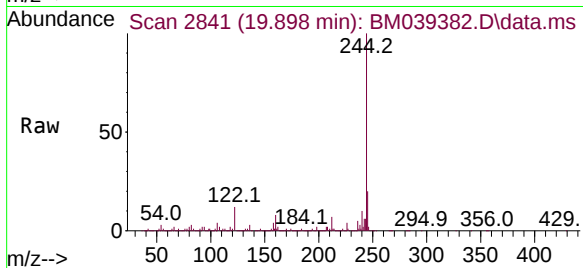
Tgt Ion:244 Resp: 1959699

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 11.7 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: BM039382.D

Acq: 10 Apr 2023 17:58

Tgt Ion:264 Resp: 777343

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 22.6 18.1 27.1

