

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040224\
 Data File : BM044886.D
 Acq On : 02 Apr 2024 20:28
 Operator : MA/JU
 Sample : PB159911BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159911BL

Quant Time: Apr 03 00:52:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 03 00:28:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	94484	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	341381	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	194789	20.000	ng	0.00
64) Phenanthrene-d10	17.056	188	384331	20.000	ng	0.00
76) Chrysene-d12	21.262	240	370953	20.000	ng	0.00
86) Perylene-d12	23.491	264	487120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	875368	139.876	ng	0.00
7) Phenol-d6	6.828	99	1028749	124.532	ng	0.00
23) Nitrobenzene-d5	8.810	82	605119	87.294	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	347730	122.161	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	1280841	89.185	ng	0.00
79) Terphenyl-d14	19.703	244	1973764	90.915	ng	0.00

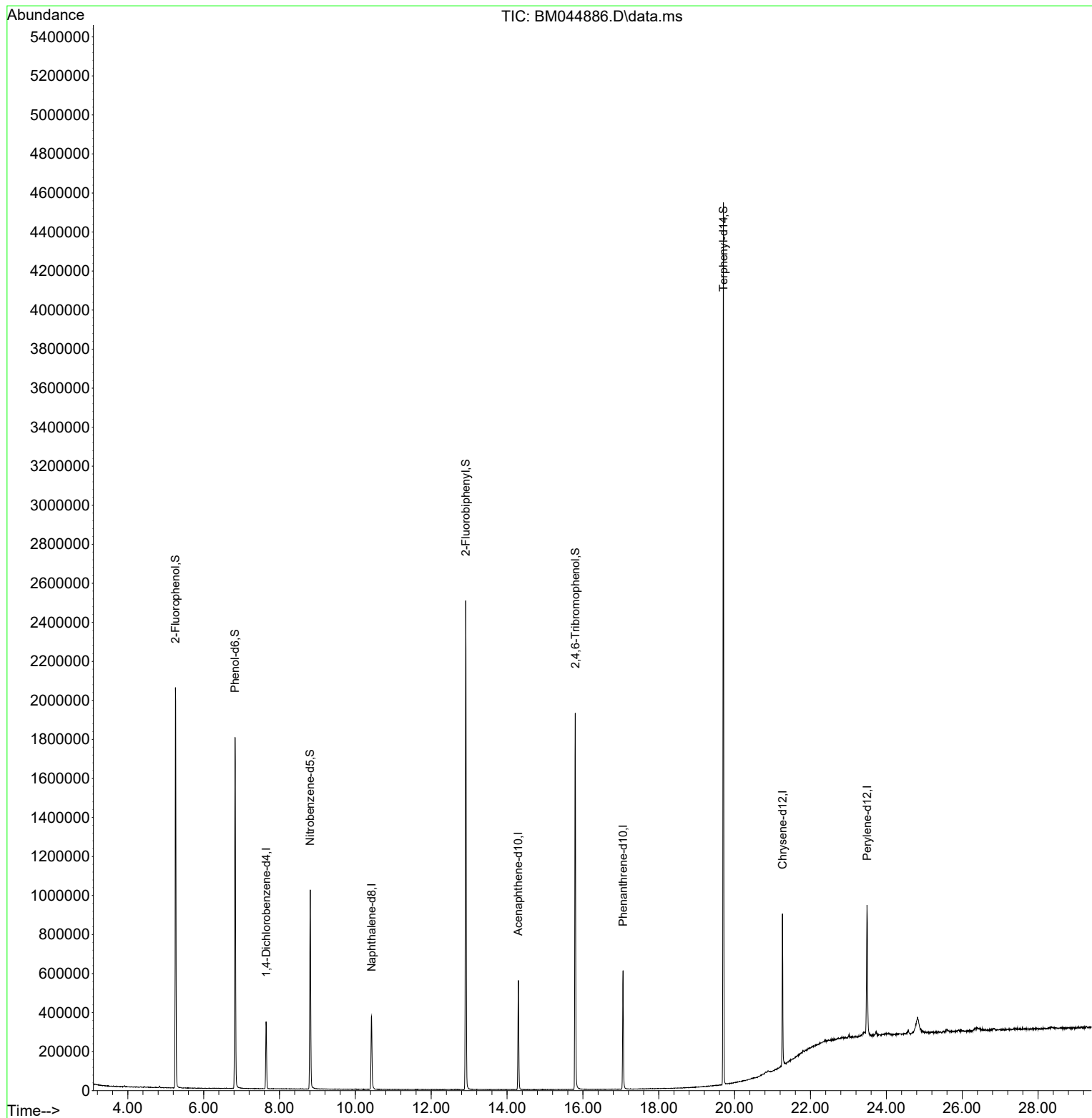
Target Compounds	Qvalue

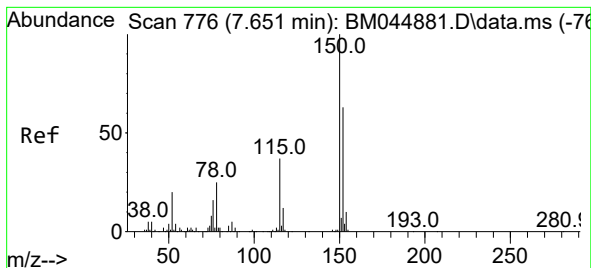
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.645 min Scan# 7

Delta R.T. -0.006 min

Lab File: BM044886.D

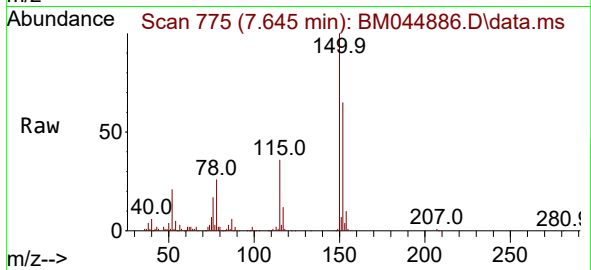
Acq: 02 Apr 2024 20:28

Instrument :

BNA_M

ClientSampleId :

PB159911BL



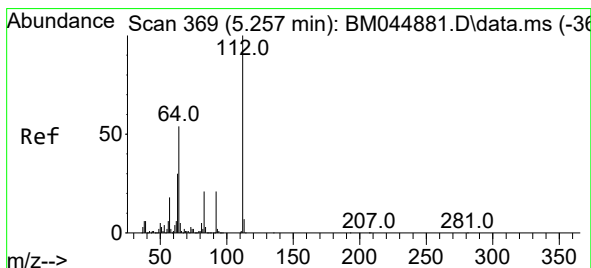
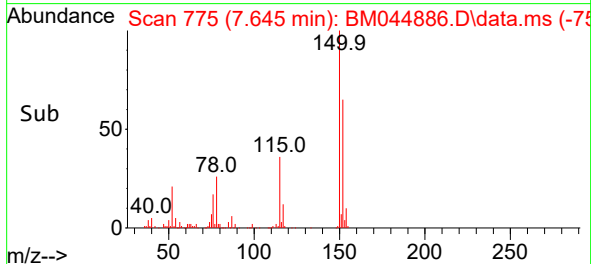
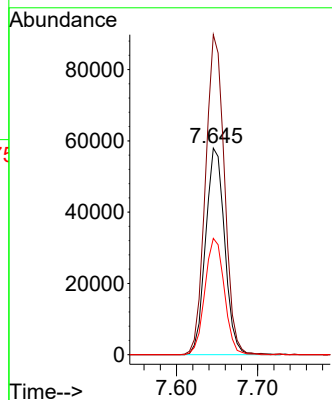
Tgt Ion:152 Resp: 94484

Ion Ratio Lower Upper

152 100

150 154.9 126.5 189.7

115 56.3 47.3 70.9



#5

2-Fluorophenol

Concen: 139.876 ng

RT: 5.257 min Scan# 369

Delta R.T. -0.000 min

Lab File: BM044886.D

Acq: 02 Apr 2024 20:28

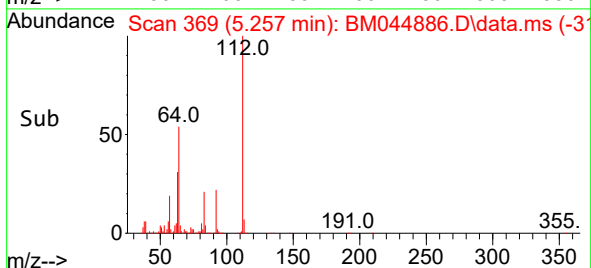
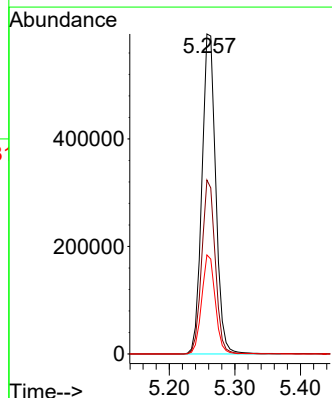
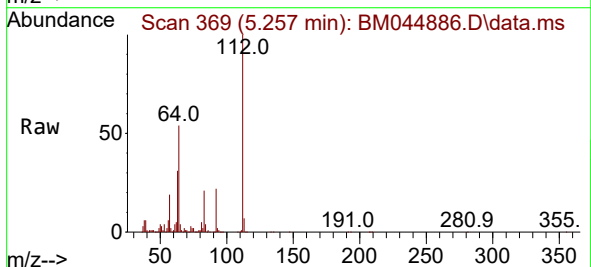
Tgt Ion:112 Resp: 875368

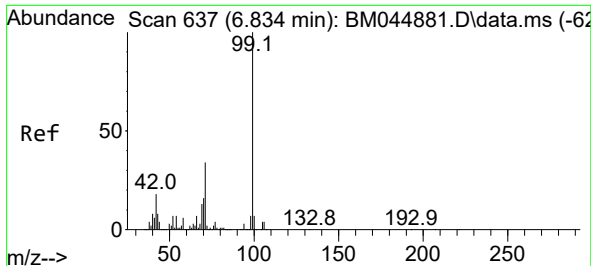
Ion Ratio Lower Upper

112 100

64 54.3 43.0 64.4

63 30.9 24.3 36.5

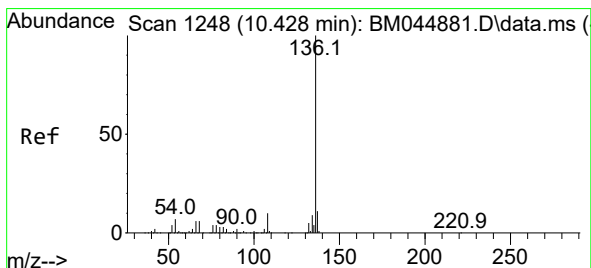
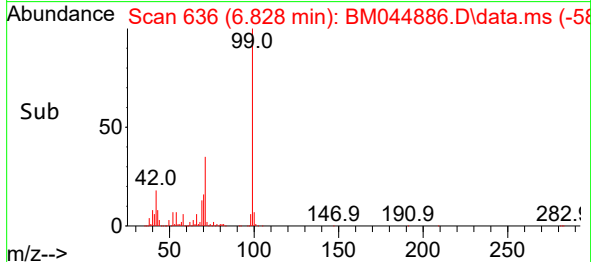
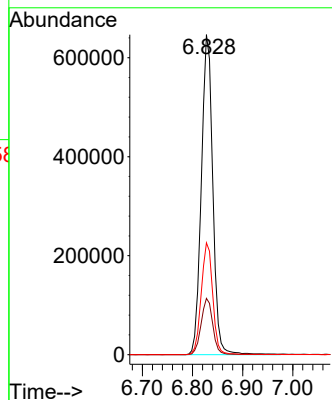
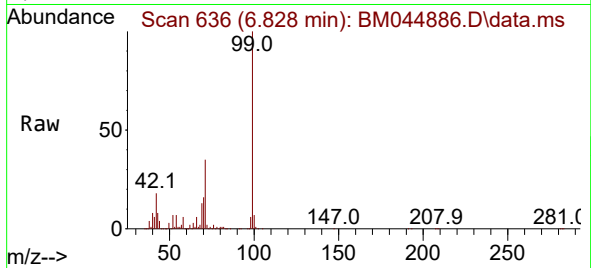




#7
Phenol-d6
Concen: 124.532 ng
RT: 6.828 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044886.D
Acq: 02 Apr 2024 20:28

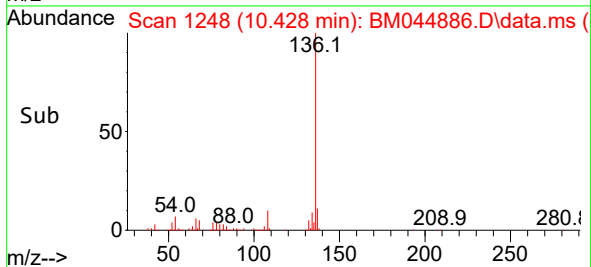
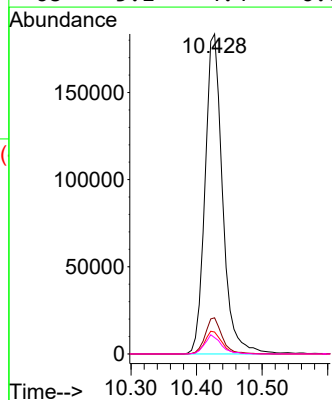
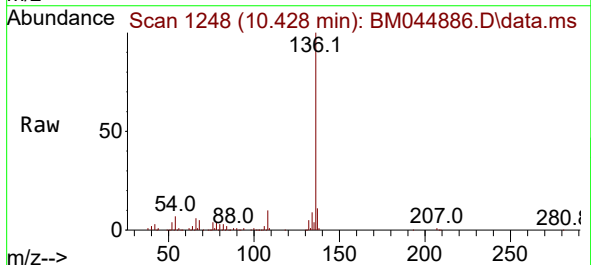
Instrument :
BNA_M
ClientSampleId :
PB159911BL

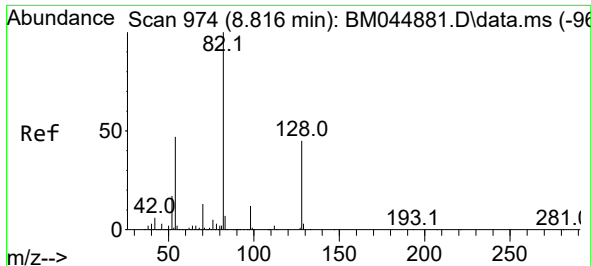
Tgt Ion: 99 Resp: 1028749
Ion Ratio Lower Upper
99 100
42 17.6 14.2 21.4
71 34.9 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BM044886.D
Acq: 02 Apr 2024 20:28

Tgt Ion: 136 Resp: 341381
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 6.8 5.9 8.9
68 5.1 4.4 6.6





#23

Nitrobenzene-d5

Concen: 87.294 ng

RT: 8.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM044886.D

Acq: 02 Apr 2024 20:28

Instrument :

BNA_M

ClientSampleId :

PB159911BL

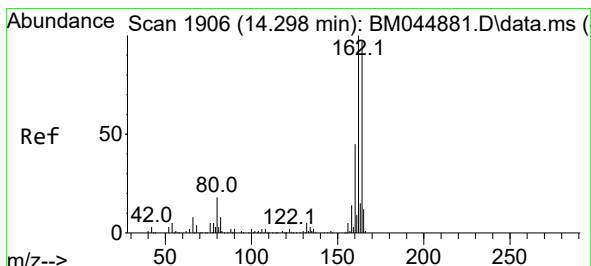
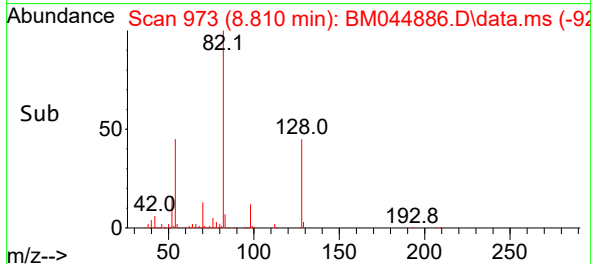
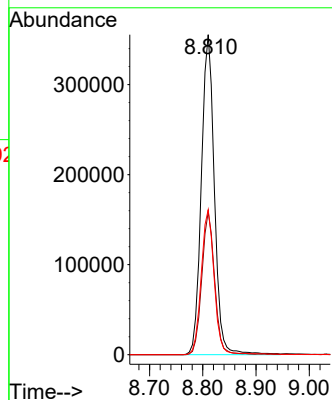
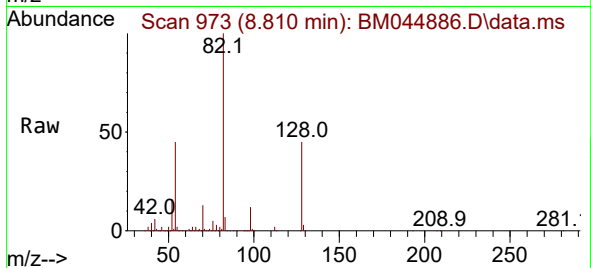
Tgt Ion: 82 Resp: 605119

Ion Ratio Lower Upper

82 100

128 44.7 36.2 54.4

54 45.3 37.5 56.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.298 min Scan# 1906

Delta R.T. -0.000 min

Lab File: BM044886.D

Acq: 02 Apr 2024 20:28

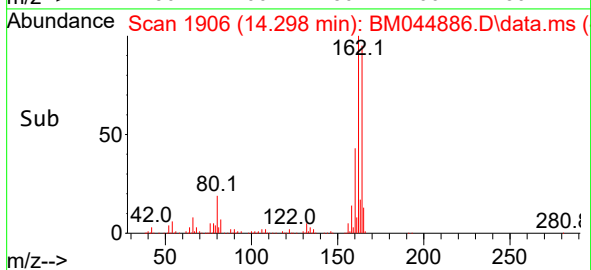
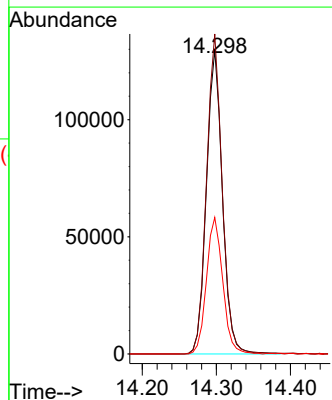
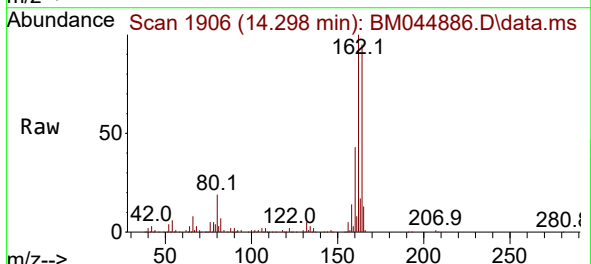
Tgt Ion:164 Resp: 194789

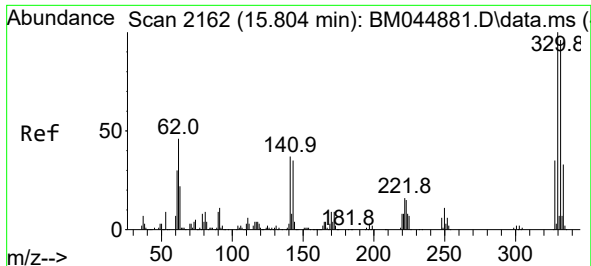
Ion Ratio Lower Upper

164 100

162 105.3 82.1 123.1

160 44.9 36.8 55.2

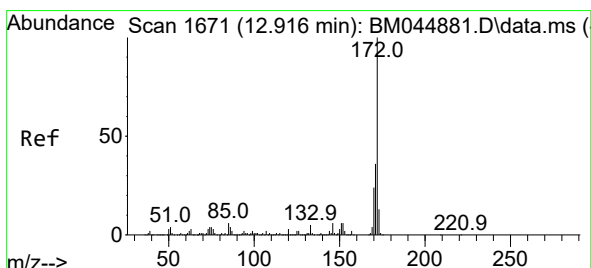
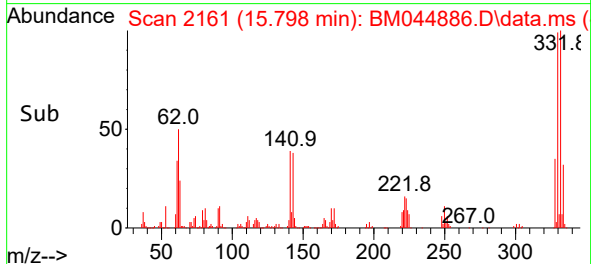
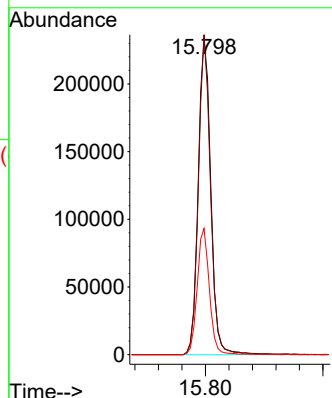
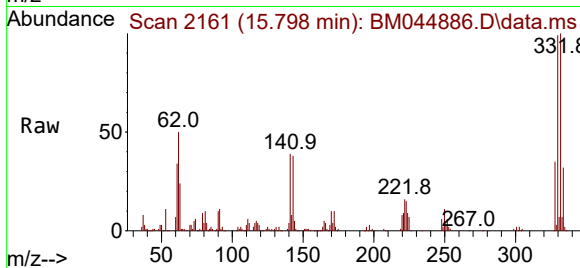




#42
2,4,6-Tribromophenol
Concen: 122.161 ng
RT: 15.798 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BM044886.D
Acq: 02 Apr 2024 20:28

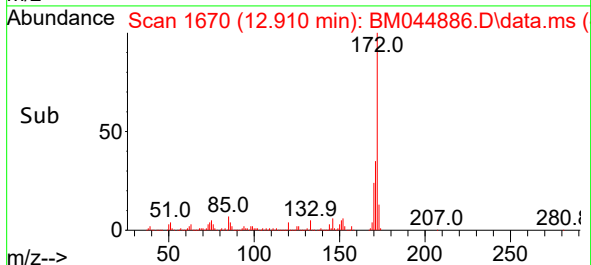
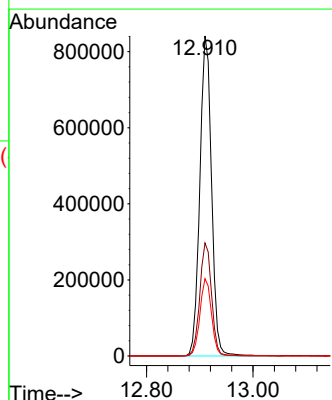
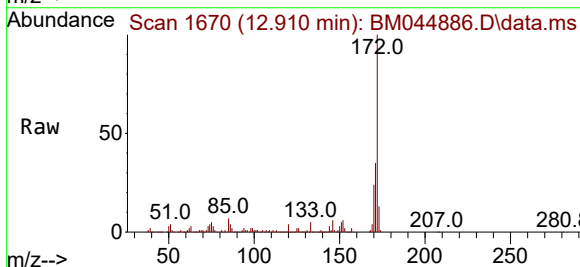
Instrument :
BNA_M
ClientSampleId :
PB159911BL

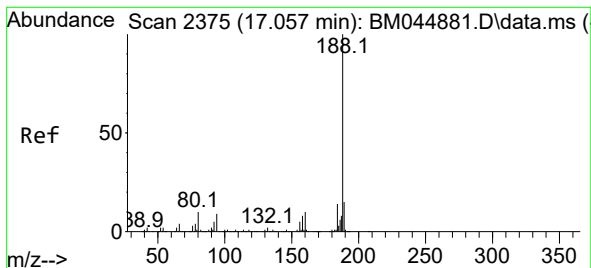
Tgt Ion:330 Resp: 347730
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 38.6 30.9 46.3



#45
2-Fluorobiphenyl
Concen: 89.185 ng
RT: 12.910 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BM044886.D
Acq: 02 Apr 2024 20:28

Tgt Ion:172 Resp: 1280841
Ion Ratio Lower Upper
172 100
171 35.3 28.9 43.3
170 24.2 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.056 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM044886.D

Acq: 02 Apr 2024 20:28

Instrument :

BNA_M

ClientSampleId :

PB159911BL

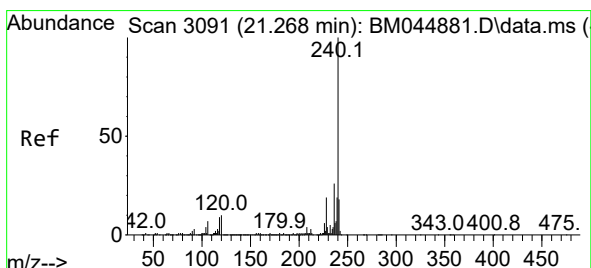
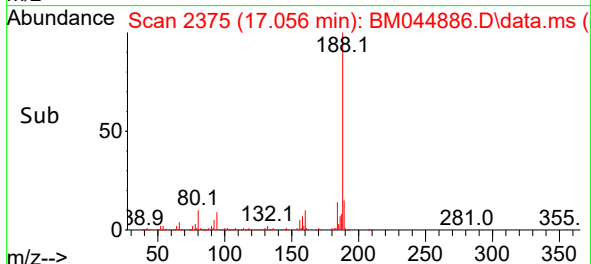
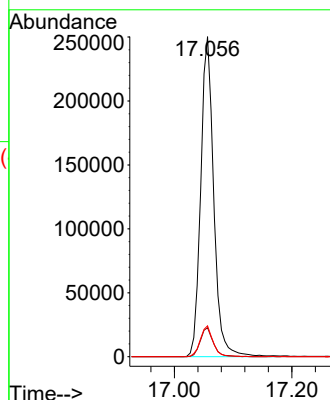
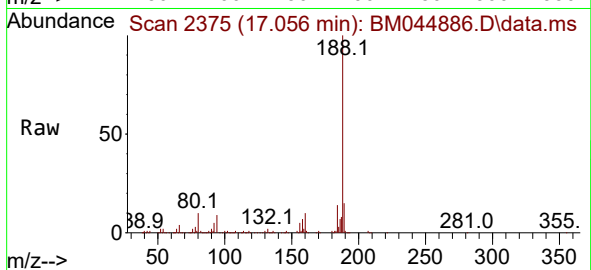
Tgt Ion:188 Resp: 384331

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

80 9.7 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.262 min Scan# 3090

Delta R.T. -0.006 min

Lab File: BM044886.D

Acq: 02 Apr 2024 20:28

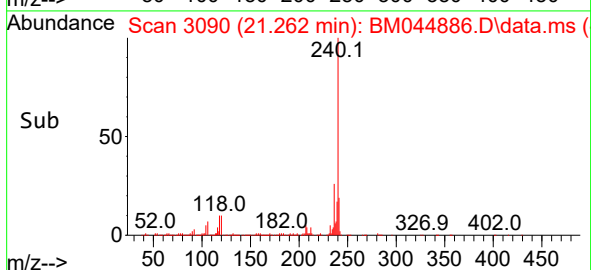
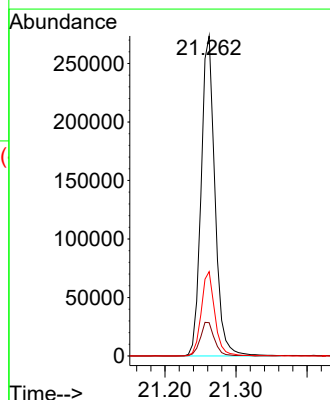
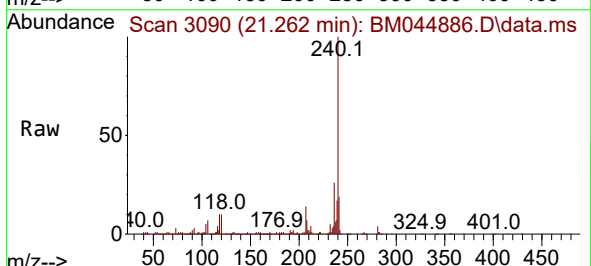
Tgt Ion:240 Resp: 370953

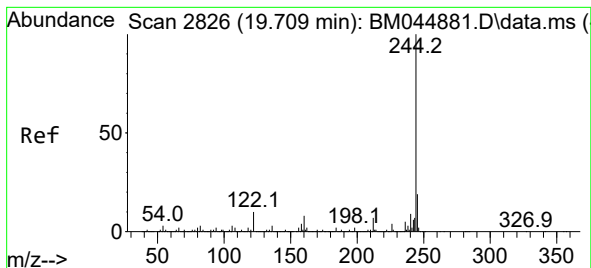
Ion Ratio Lower Upper

240 100

120 10.4 7.8 11.8

236 26.4 20.6 30.8





#79

Terphenyl-d14

Concen: 90.915 ng

RT: 19.703 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044886.D

Acq: 02 Apr 2024 20:28

Instrument :

BNA_M

ClientSampleId :

PB159911BL

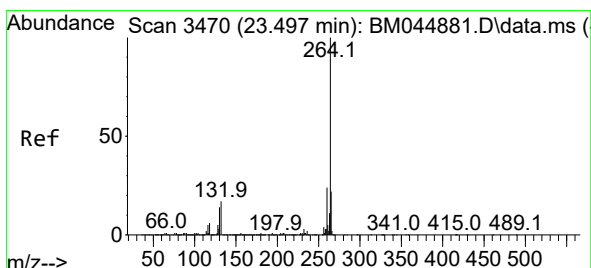
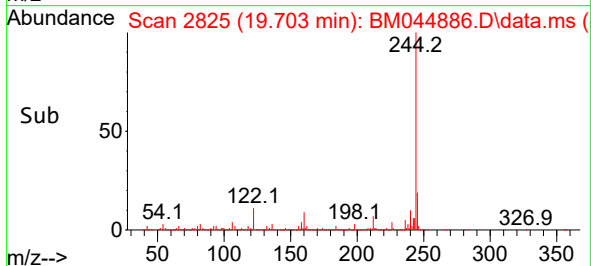
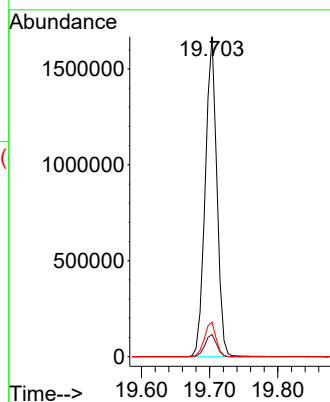
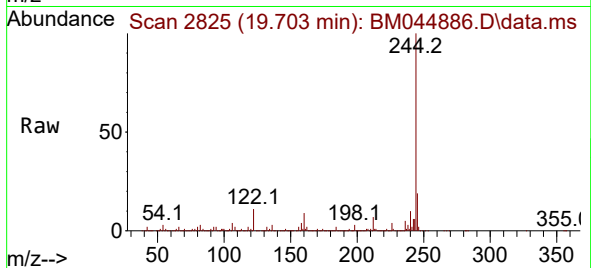
Tgt Ion:244 Resp: 1973764

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 10.7 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.491 min Scan# 3469

Delta R.T. -0.006 min

Lab File: BM044886.D

Acq: 02 Apr 2024 20:28

Tgt Ion:264 Resp: 487120

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.6 17.8 26.6

