

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
 Data File : BM044752.D
 Acq On : 25 Mar 2024 12:51
 Operator : MA/JU
 Sample : PB159758BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159758BL

Quant Time: Mar 25 13:27:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.686	152	230276	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	907715	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	510417	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	1094365	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	1062314	20.000	ng	-0.02
86) Perylene-d12	23.527	264	1116160	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	2006498	125.106	ng	0.00
7) Phenol-d6	6.869	99	2464242	119.429	ng	-0.01
23) Nitrobenzene-d5	8.851	82	1518111	80.572	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	804097	142.831	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	2989242	80.656	ng	-0.02
79) Terphenyl-d14	19.733	244	4672756	76.948	ng	-0.01

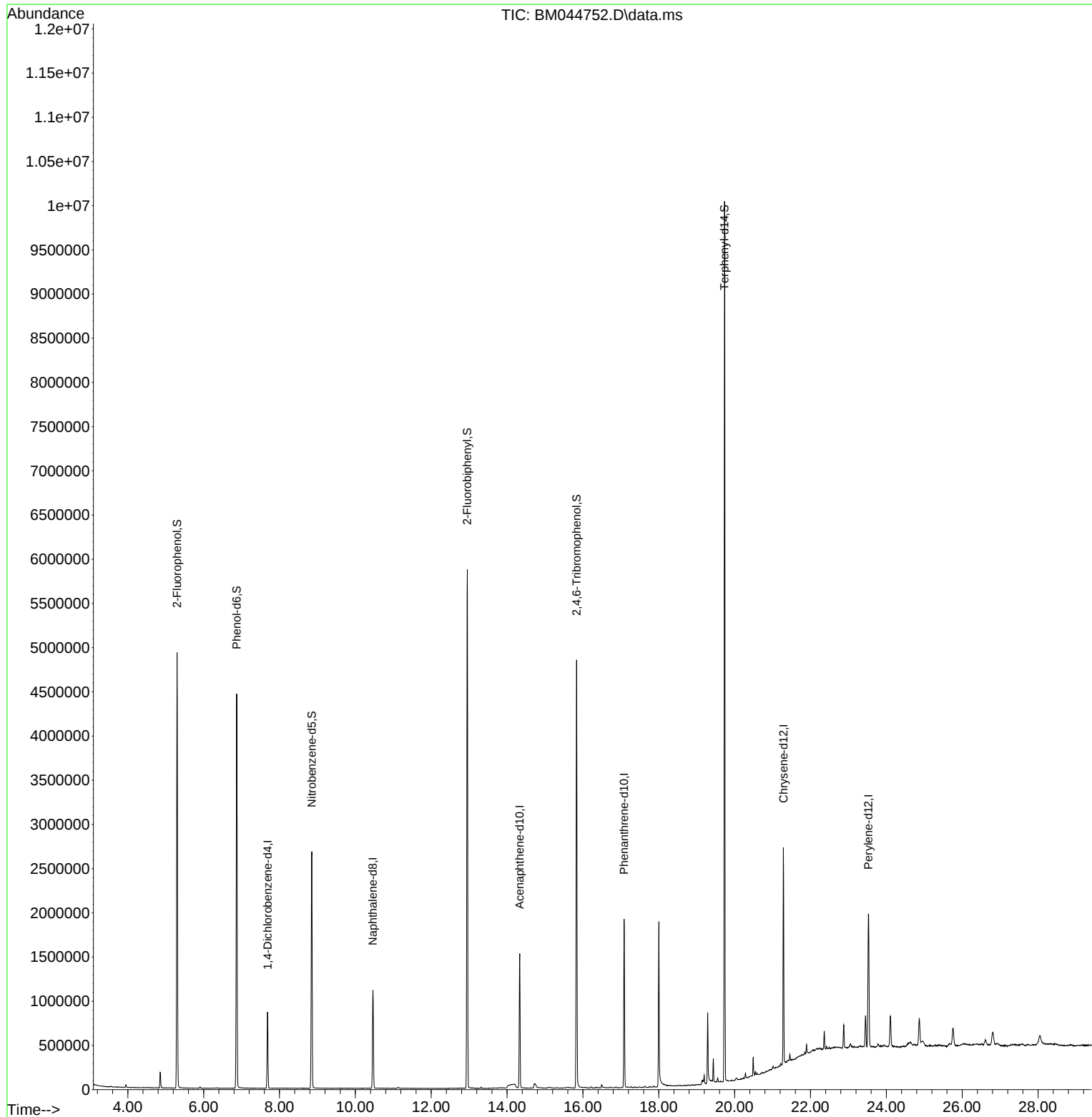
Target Compounds	Qvalue

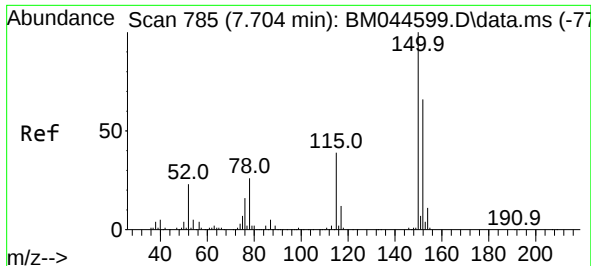
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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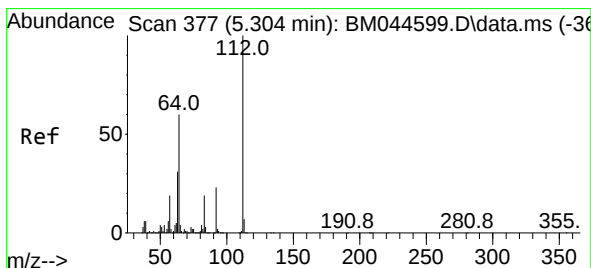
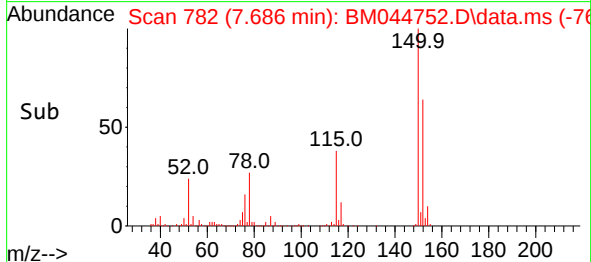
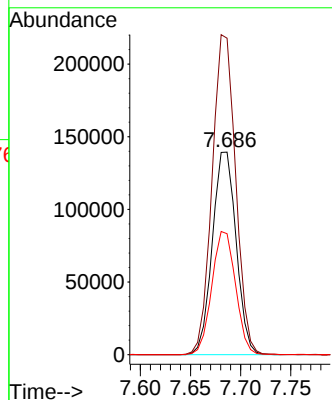
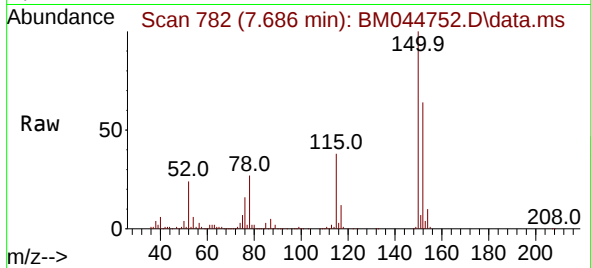




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.686 min Scan# 71
Delta R.T. -0.018 min
Lab File: BM044752.D
Acq: 25 Mar 2024 12:51

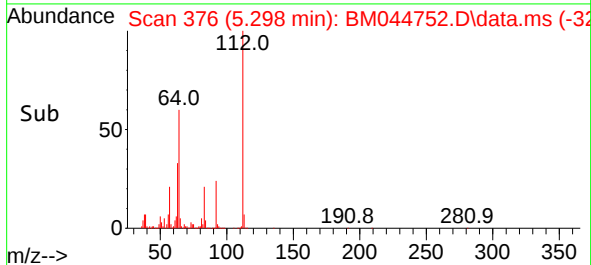
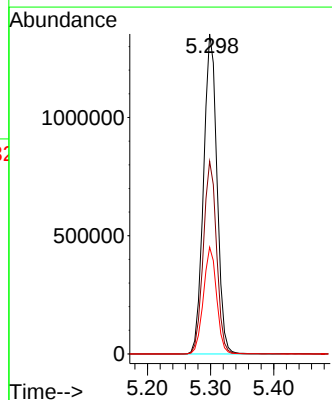
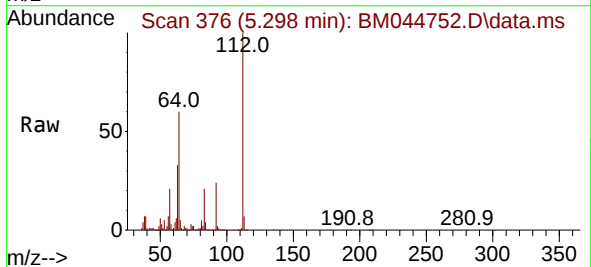
Instrument :
BNA_M
ClientSampleId :
PB159758BL

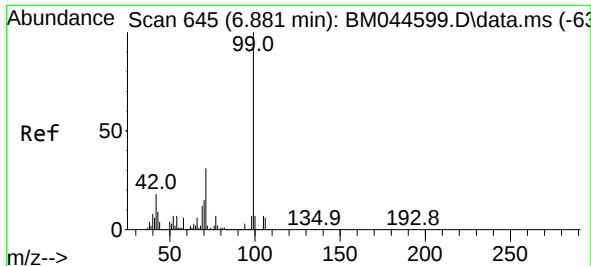
Tgt Ion:152 Resp: 230276
Ion Ratio Lower Upper
152 100
150 156.3 121.9 182.9
115 59.8 47.1 70.7



#5
2-Fluorophenol
Concen: 125.106 ng
RT: 5.298 min Scan# 376
Delta R.T. -0.006 min
Lab File: BM044752.D
Acq: 25 Mar 2024 12:51

Tgt Ion:112 Resp: 2006498
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 33.4 25.0 37.4

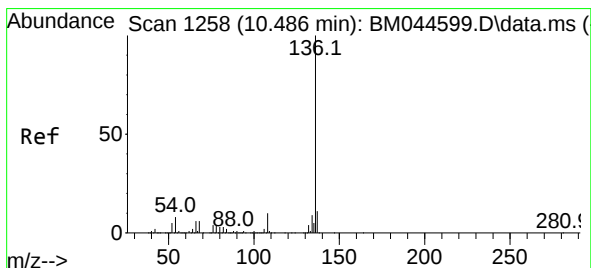
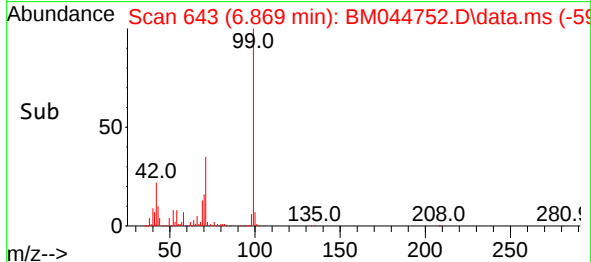
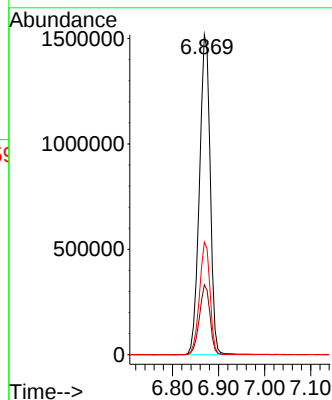
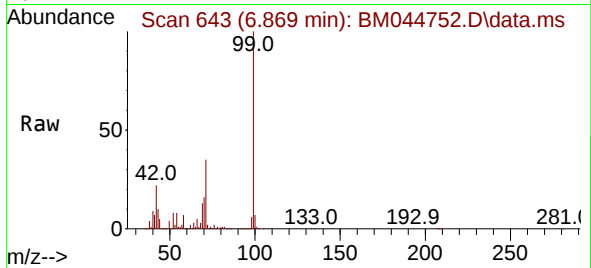




#7
Phenol-d6
Concen: 119.429 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BM044752.D
Acq: 25 Mar 2024 12:51

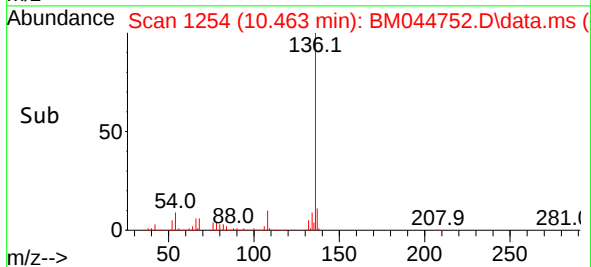
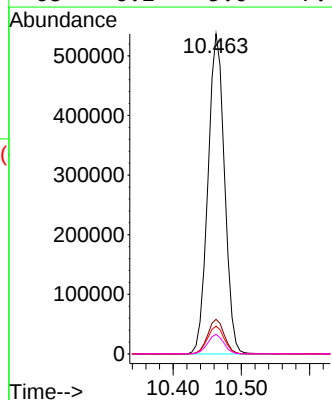
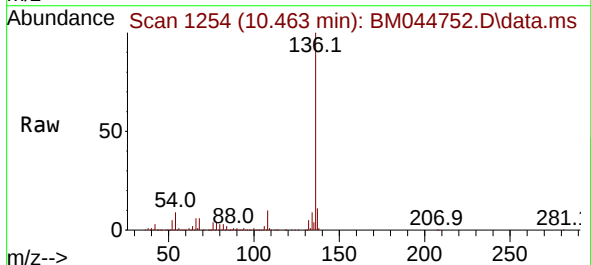
Instrument :
BNA_M
ClientSampleId :
PB159758BL

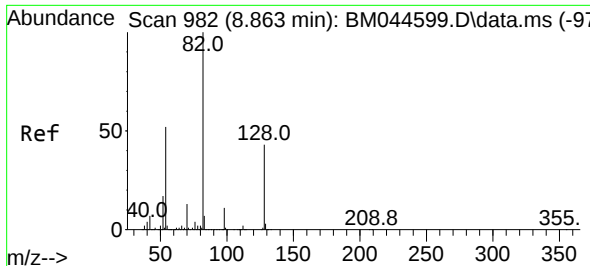
Tgt Ion: 99 Resp: 2464242
Ion Ratio Lower Upper
99 100
42 21.8 14.3 21.5#
71 35.2 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.024 min
Lab File: BM044752.D
Acq: 25 Mar 2024 12:51

Tgt Ion: 136 Resp: 907715
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.7 6.6 10.0
68 6.2 5.0 7.4

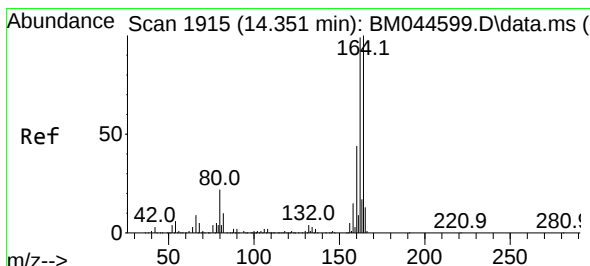
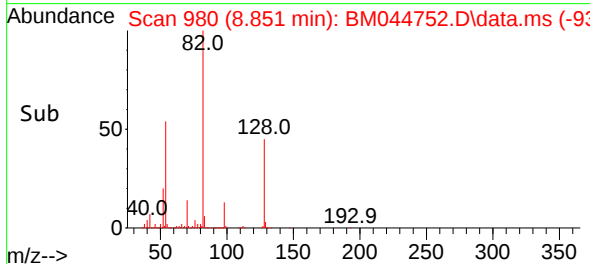
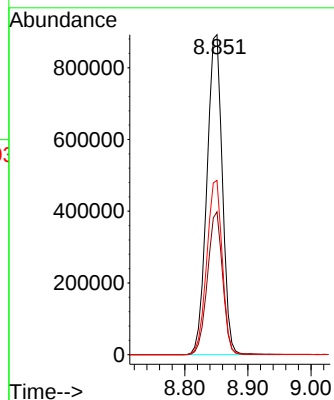
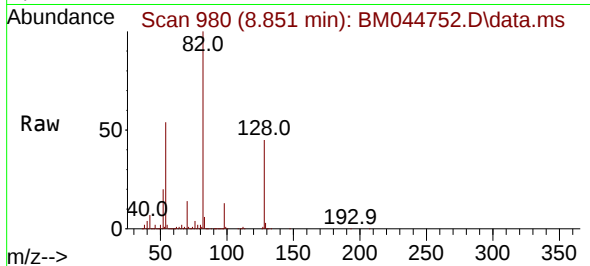




#23
Nitrobenzene-d5
Concen: 80.572 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044752.D
Acq: 25 Mar 2024 12:51

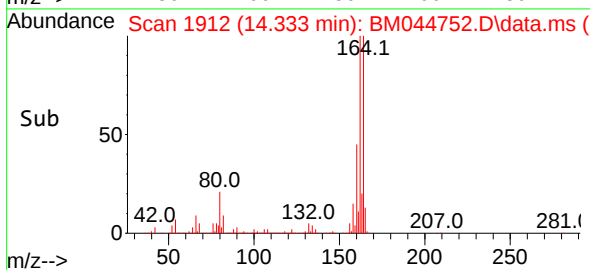
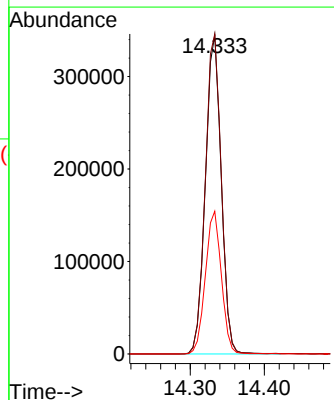
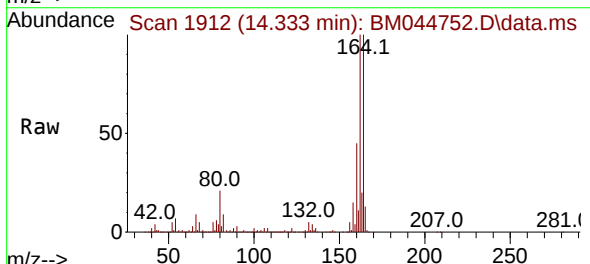
Instrument :
BNA_M
ClientSampleId :
PB159758BL

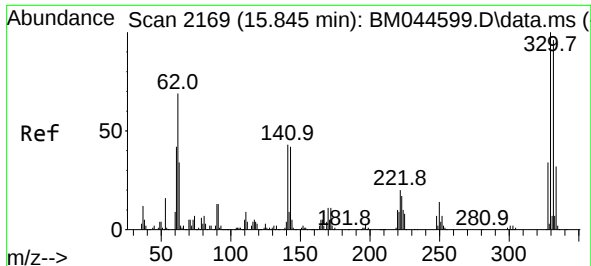
Tgt Ion: 82 Resp: 1518111
Ion Ratio Lower Upper
82 100
128 44.6 34.2 51.4
54 54.5 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BM044752.D
Acq: 25 Mar 2024 12:51

Tgt Ion: 164 Resp: 510417
Ion Ratio Lower Upper
164 100
162 100.4 79.3 118.9
160 44.8 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 142.831 ng

RT: 15.833 min Scan# 2167

Delta R.T. -0.012 min

Lab File: BM044752.D

Acq: 25 Mar 2024 12:51

Instrument :

BNA_M

ClientSampleId :

PB159758BL

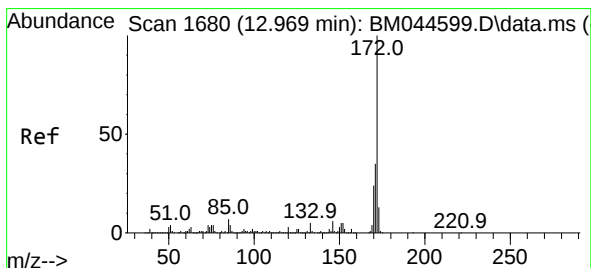
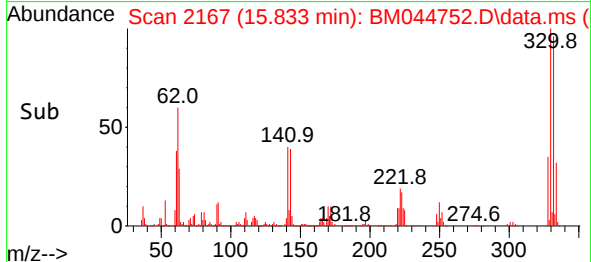
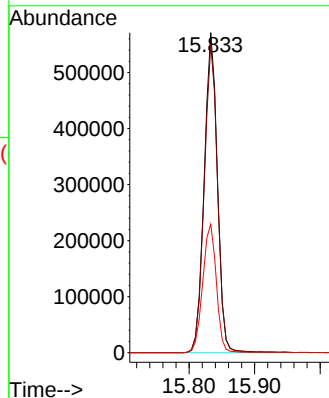
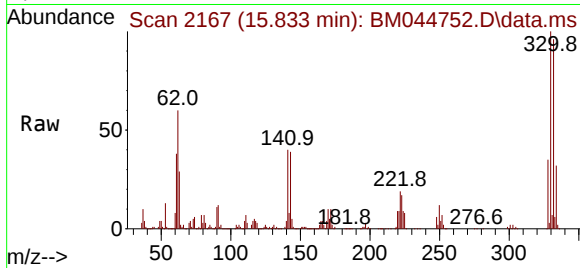
Tgt Ion:330 Resp: 804097

Ion Ratio Lower Upper

330 100

332 96.9 77.8 116.8

141 41.4 33.4 50.0



#45

2-Fluorobiphenyl

Concen: 80.656 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.018 min

Lab File: BM044752.D

Acq: 25 Mar 2024 12:51

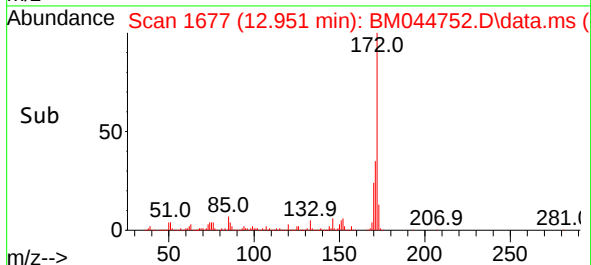
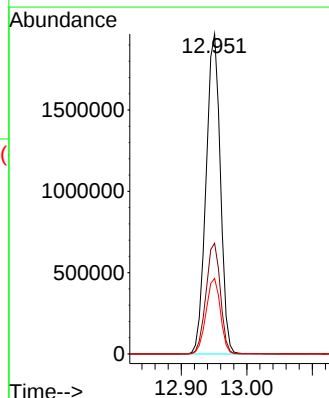
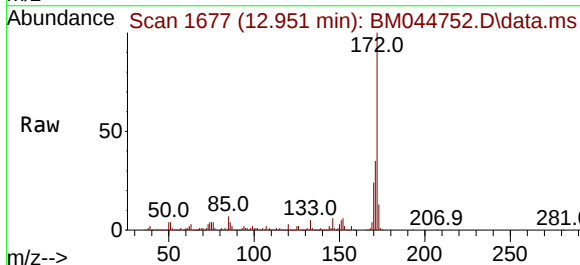
Tgt Ion:172 Resp: 2989242

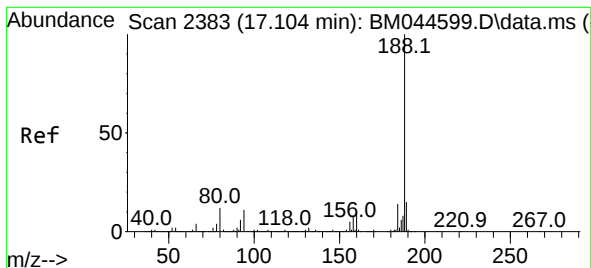
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM044752.D

Acq: 25 Mar 2024 12:51

Instrument :

BNA_M

ClientSampleId :

PB159758BL

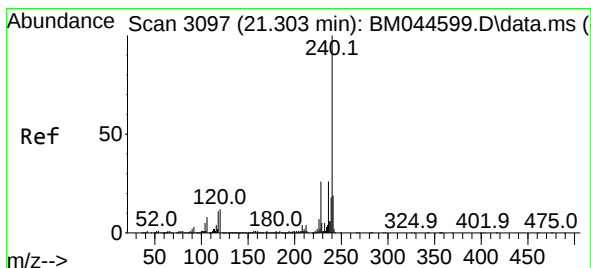
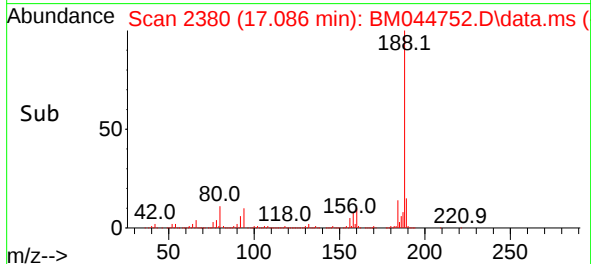
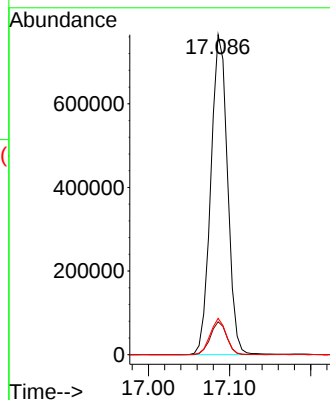
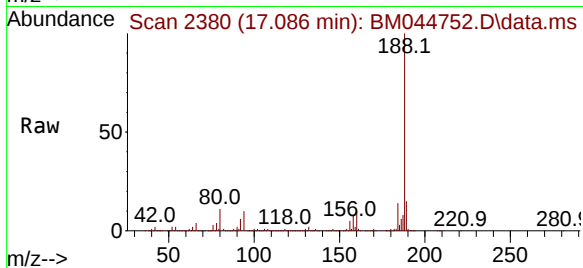
Tgt Ion:188 Resp: 1094365

Ion Ratio Lower Upper

188 100

94 10.3 8.4 12.6

80 11.3 9.4 14.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.286 min Scan# 3094

Delta R.T. -0.018 min

Lab File: BM044752.D

Acq: 25 Mar 2024 12:51

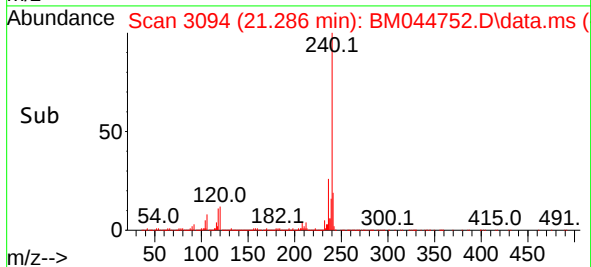
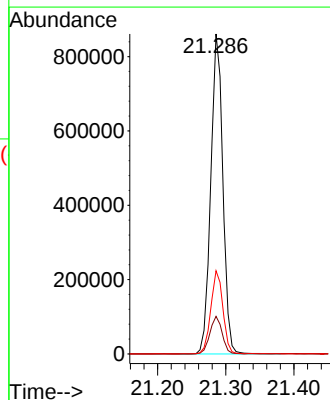
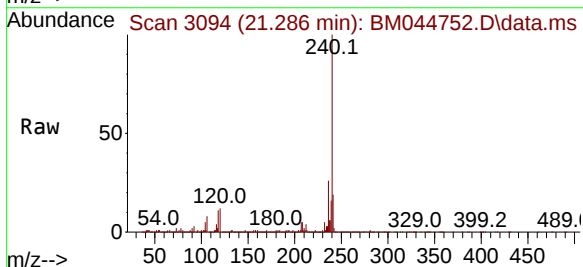
Tgt Ion:240 Resp: 1062314

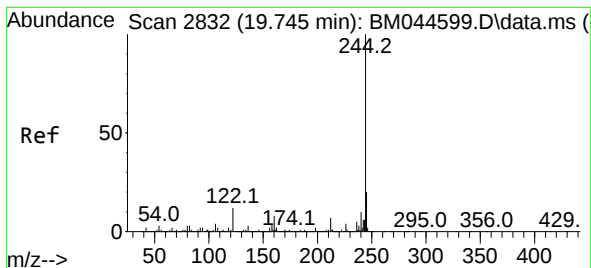
Ion Ratio Lower Upper

240 100

120 11.7 9.7 14.5

236 26.0 21.0 31.4





#79

Terphenyl-d14

Concen: 76.948 ng

RT: 19.733 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044752.D

Acq: 25 Mar 2024 12:51

Instrument :

BNA_M

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PB159758BL

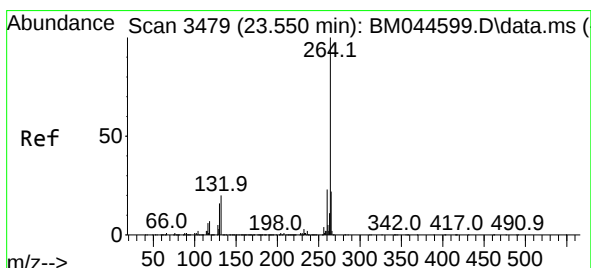
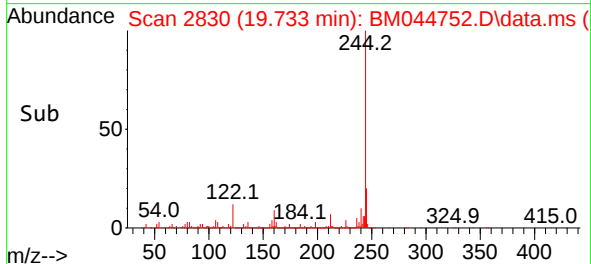
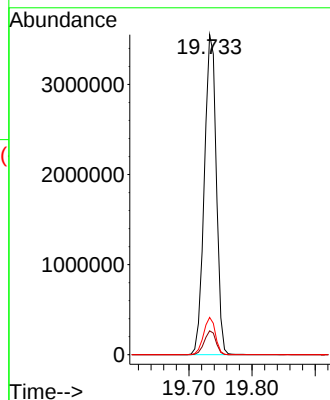
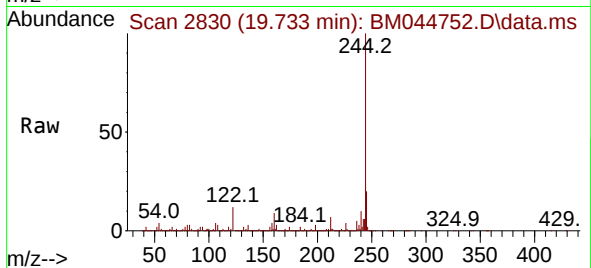
Tgt Ion:244 Resp: 4672756

Ion Ratio Lower Upper

244 100

212 7.5 5.5 8.3

122 11.6 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.527 min Scan# 3475

Delta R.T. -0.024 min

Lab File: BM044752.D

Acq: 25 Mar 2024 12:51

Tgt Ion:264 Resp: 1116160

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 22.0 17.5 26.3

