

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040104.D
 Acq On : 06 Jun 2023 15:16
 Operator : MA/JU
 Sample : PB153183BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153183BL

Quant Time: Jun 06 16:53:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	326949	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1425920	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	851645	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1743856	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1357091	20.000	ng	0.00
86) Perylene-d12	23.991	264	1281202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	2950099	138.409	ng	0.00
7) Phenol-d6	7.157	99	3702227	133.154	ng	0.00
23) Nitrobenzene-d5	9.163	82	1998211	75.617	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	1536618	139.014	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	5164751	71.529	ng	0.00
79) Terphenyl-d14	19.992	244	8648254	98.948	ng	0.00

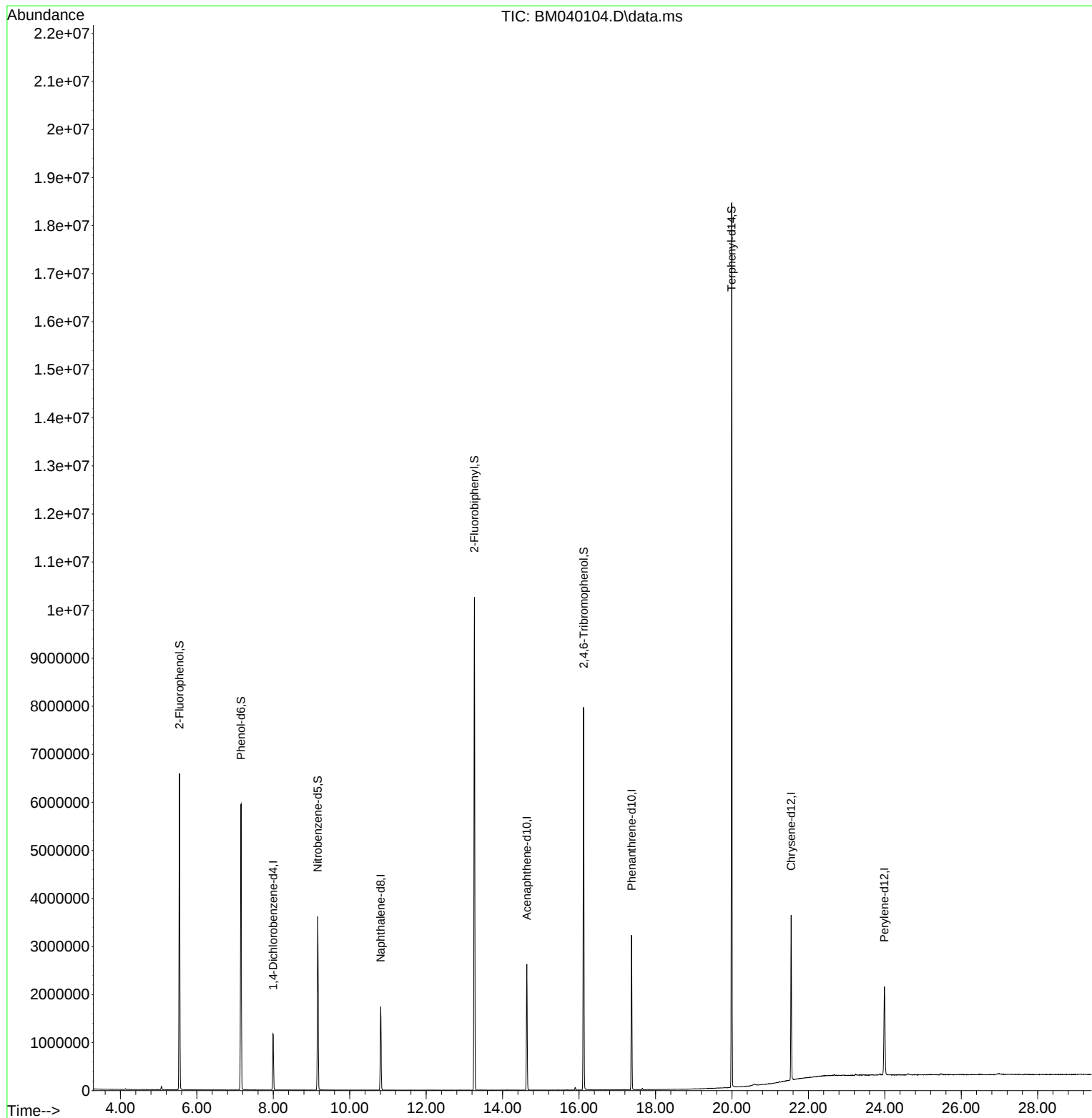
Target Compounds	Qvalue

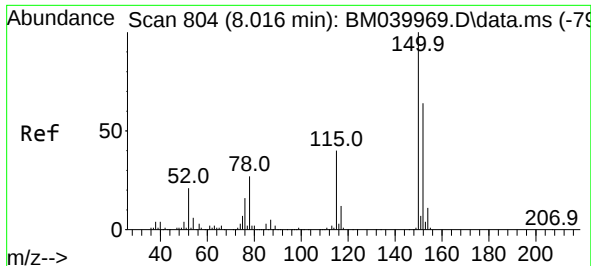
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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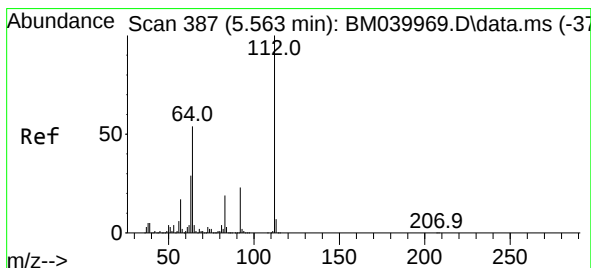
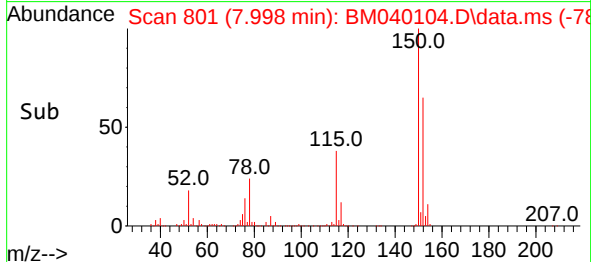
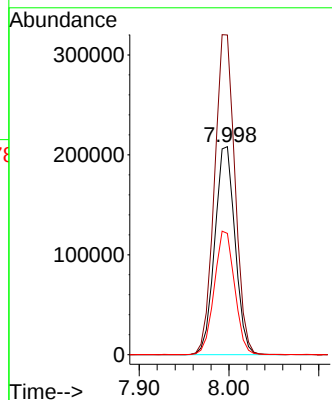
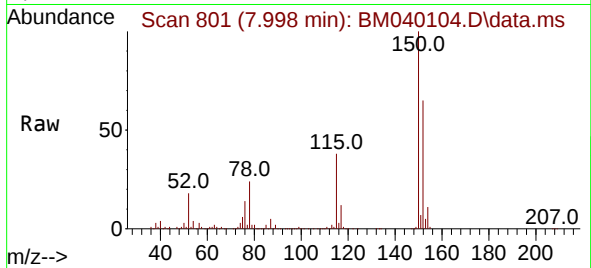




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 801
Delta R.T. -0.001 min
Lab File: BM040104.D
Acq: 06 Jun 2023 15:16

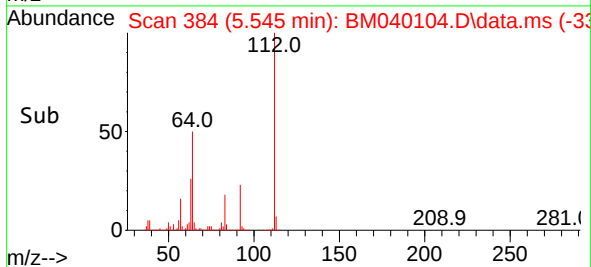
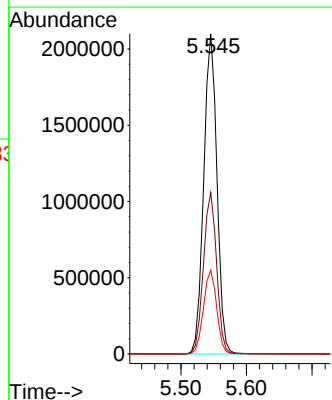
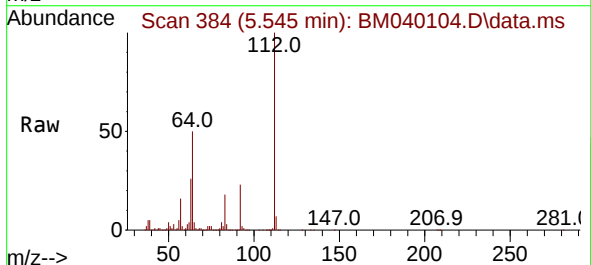
Instrument :
BNA_M
ClientSampleId :
PB153183BL

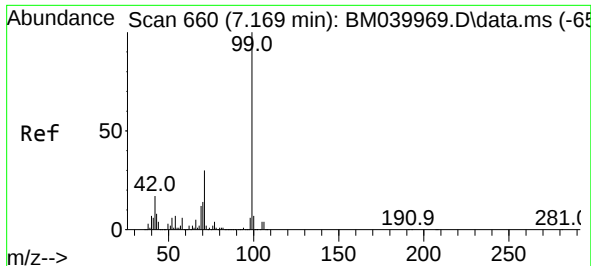
Tgt Ion:152 Resp: 326949
Ion Ratio Lower Upper
152 100
150 153.8 125.5 188.3
115 58.3 50.2 75.2



#5
2-Fluorophenol
Concen: 138.409 ng
RT: 5.545 min Scan# 384
Delta R.T. 0.005 min
Lab File: BM040104.D
Acq: 06 Jun 2023 15:16

Tgt Ion:112 Resp: 2950099
Ion Ratio Lower Upper
112 100
64 50.5 43.0 64.4
63 26.1 22.9 34.3



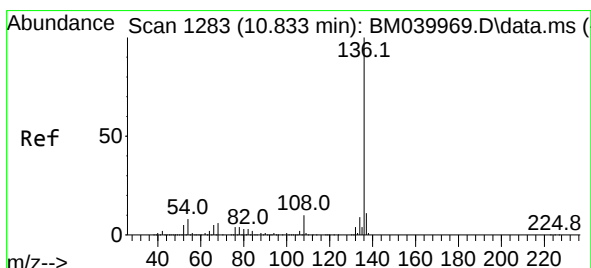
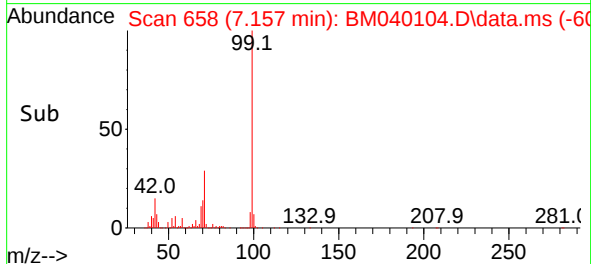
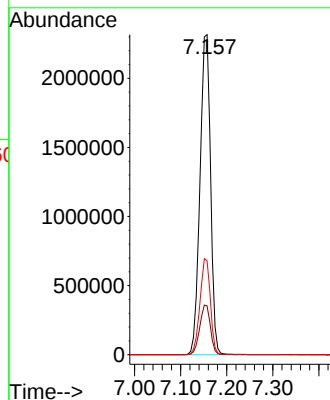
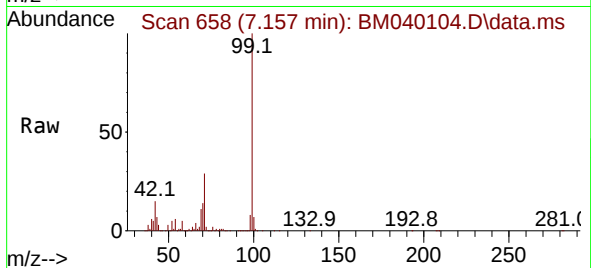


#7
Phenol-d6
Concen: 133.154 ng
RT: 7.157 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM040104.D
Acq: 06 Jun 2023 15:16

Instrument :
BNA_M
ClientSampleId :
PB153183BL

Tgt Ion: 99 Resp: 3702227

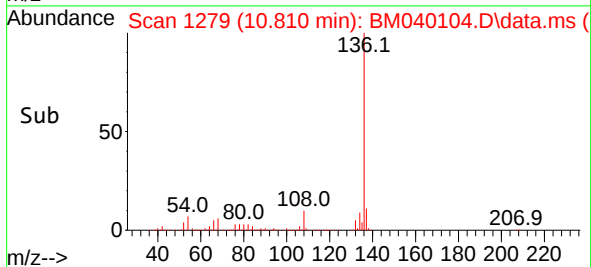
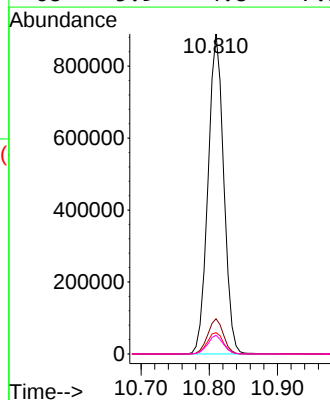
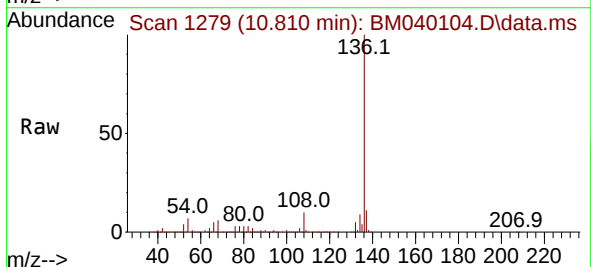
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.8	20.6
71	29.3	24.4	36.6

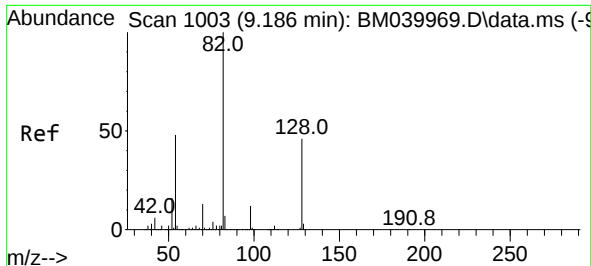


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BM040104.D
Acq: 06 Jun 2023 15:16

Tgt Ion: 136 Resp: 1425920

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.7	6.1	9.1
68	5.9	4.8	7.2

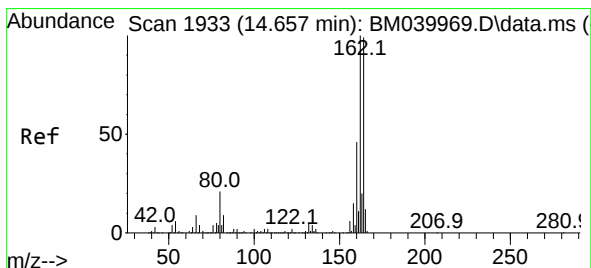
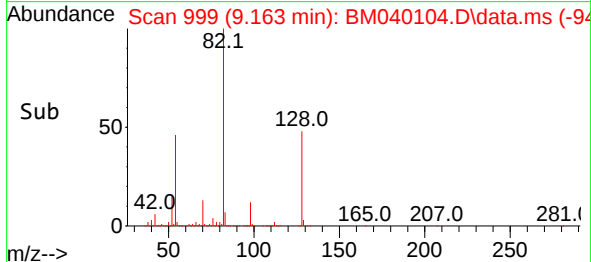
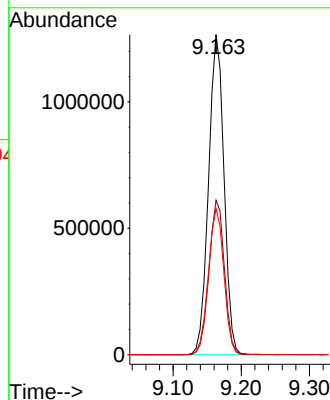
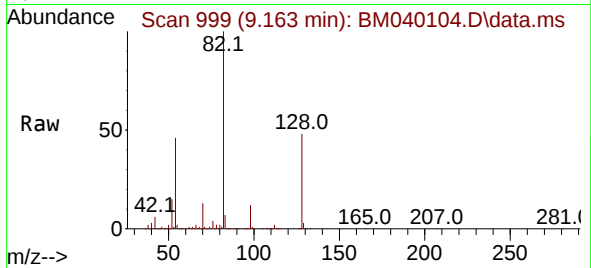




#23
Nitrobenzene-d5
Concen: 75.617 ng
RT: 9.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM040104.D
Acq: 06 Jun 2023 15:16

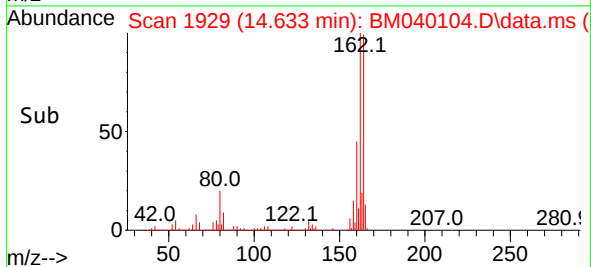
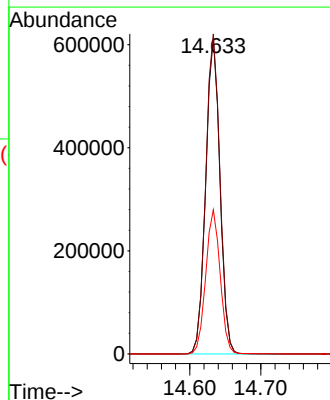
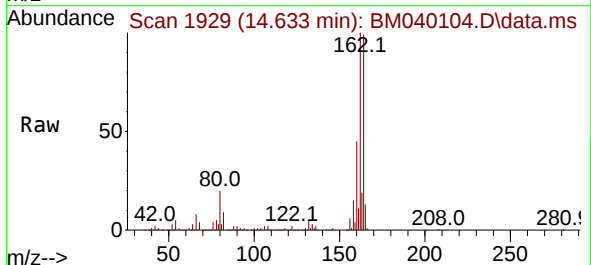
Instrument :
BNA_M
ClientSampleId :
PB153183BL

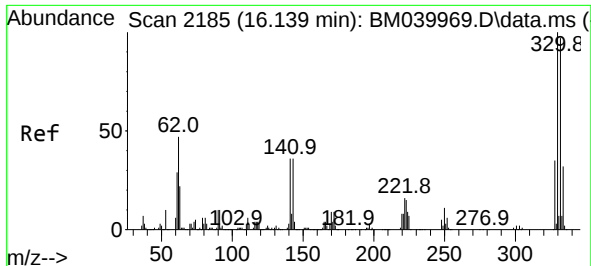
Tgt Ion: 82 Resp: 1998211
Ion Ratio Lower Upper
82 100
128 48.2 36.5 54.7
54 45.6 38.3 57.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BM040104.D
Acq: 06 Jun 2023 15:16

Tgt Ion:164 Resp: 851645
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 45.7 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 139.014 ng

RT: 16.121 min Scan# 2185

Delta R.T. -0.000 min

Lab File: BM040104.D

Acq: 06 Jun 2023 15:16

Instrument :

BNA_M

ClientSampleId :

PB153183BL

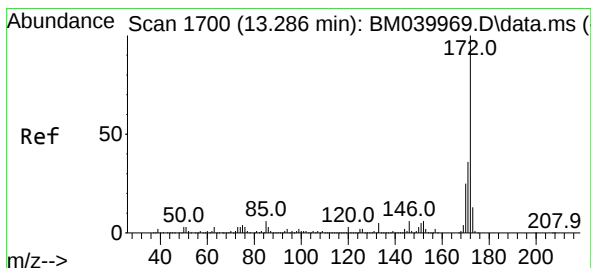
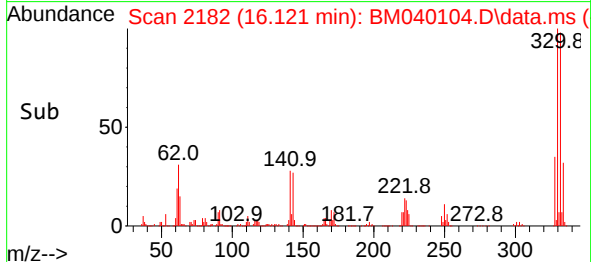
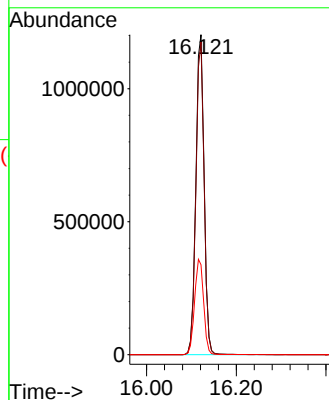
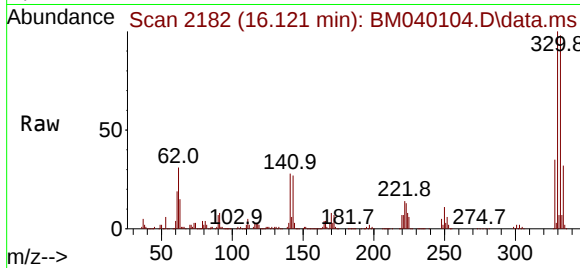
Tgt Ion:330 Resp: 1536618

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

141 32.6 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 71.529 ng

RT: 13.263 min Scan# 1696

Delta R.T. -0.000 min

Lab File: BM040104.D

Acq: 06 Jun 2023 15:16

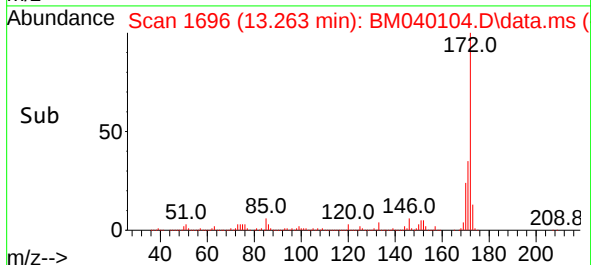
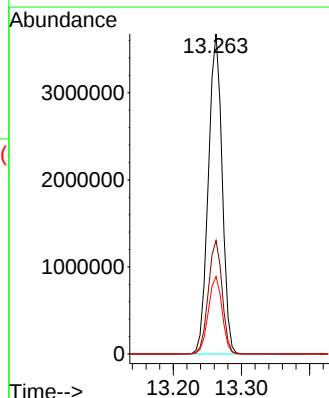
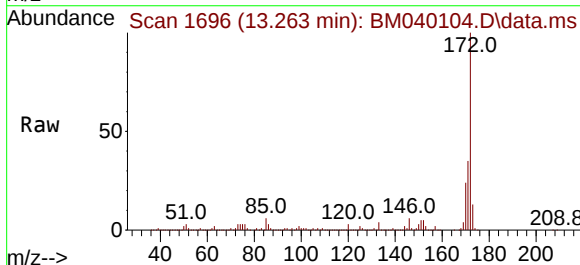
Tgt Ion:172 Resp: 5164751

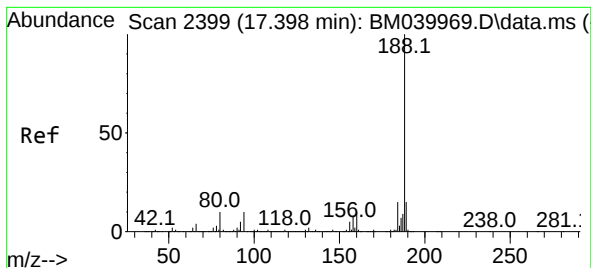
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.2 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.374 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040104.D

Acq: 06 Jun 2023 15:16

Instrument :

BNA_M

ClientSampleId :

PB153183BL

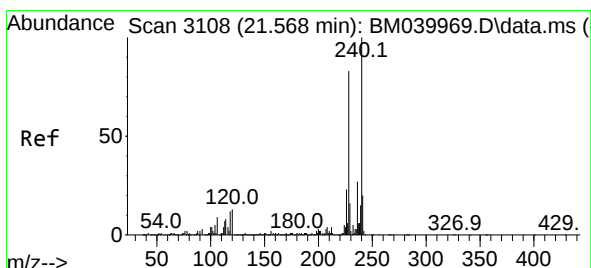
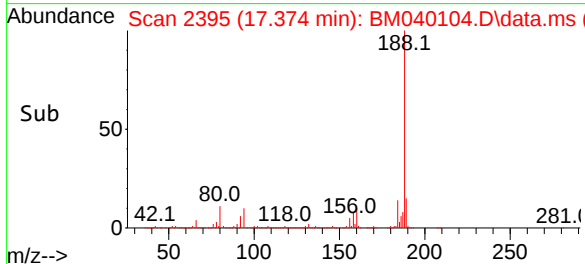
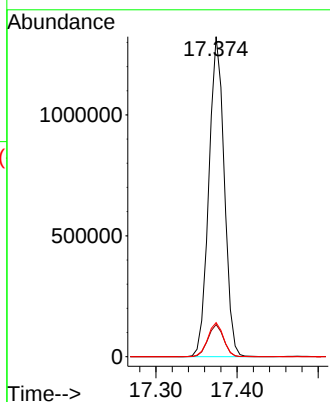
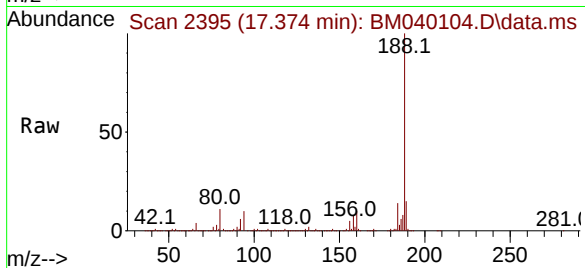
Tgt Ion:188 Resp: 1743856

Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.8

80 10.7 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.550 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BM040104.D

Acq: 06 Jun 2023 15:16

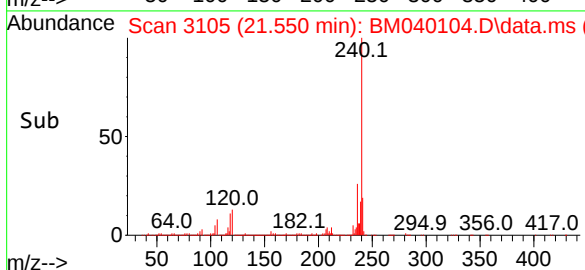
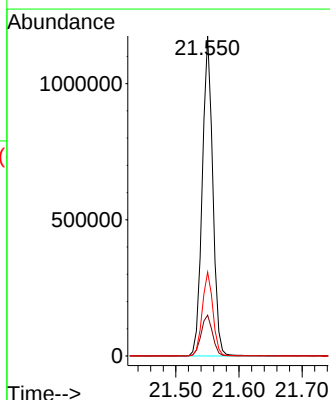
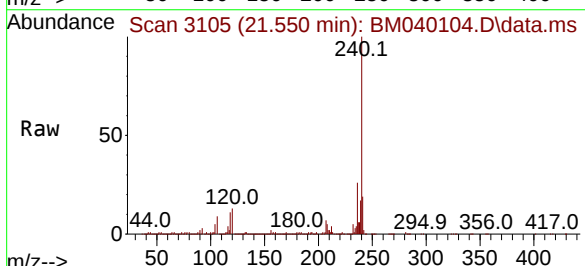
Tgt Ion:240 Resp: 1357091

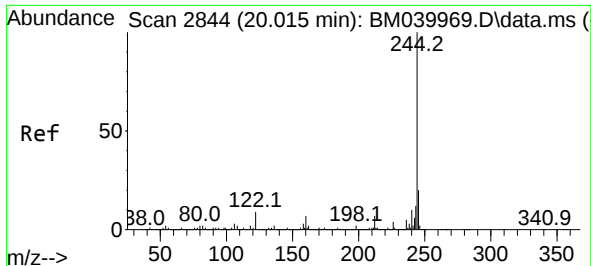
Ion Ratio Lower Upper

240 100

120 12.8 10.1 15.1

236 26.2 21.3 31.9

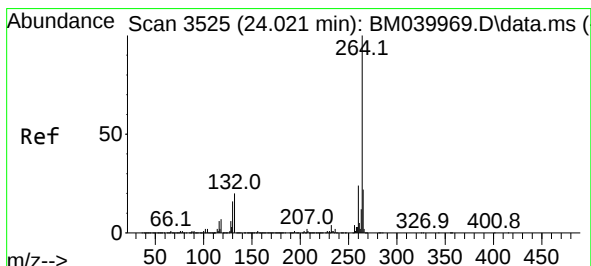
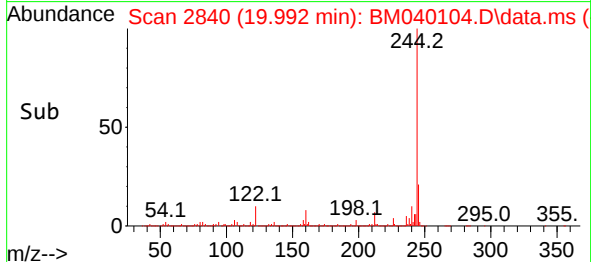
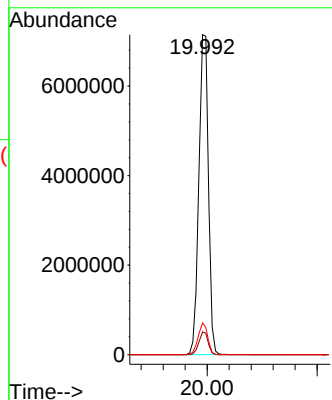
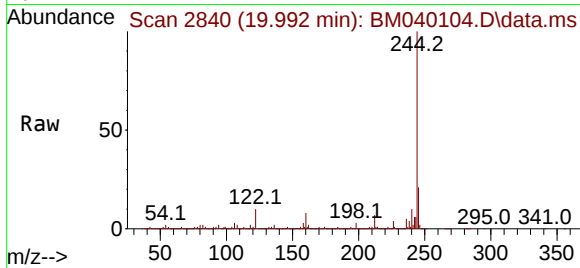




#79
 Terphenyl-d14
 Concen: 98.948 ng
 RT: 19.992 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040104.D
 Acq: 06 Jun 2023 15:16

Instrument :
 BNA_M
 ClientSampleId :
 PB153183BL

Tgt Ion:244 Resp: 8648254
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 10.0 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.991 min Scan# 3520
 Delta R.T. -0.000 min
 Lab File: BM040104.D
 Acq: 06 Jun 2023 15:16

Tgt Ion:264 Resp: 1281202
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.5 17.7 26.5

