

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041185.D
 Acq On : 31 Jul 2023 12:29
 Operator : MA/JU
 Sample : PB154164BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154164BL

Quant Time: Jul 31 16:33:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	134619	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	505403	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	269514	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	523048	20.000	ng	0.00
76) Chrysene-d12	21.421	240	511045	20.000	ng	0.00
86) Perylene-d12	23.792	264	593112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1374231	152.572	ng	0.00
7) Phenol-d6	6.981	99	1682139	144.076	ng	0.00
23) Nitrobenzene-d5	8.975	82	1047319	96.369	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	531279	139.365	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	2138061	100.214	ng	0.00
79) Terphenyl-d14	19.863	244	3054613	108.071	ng	0.00

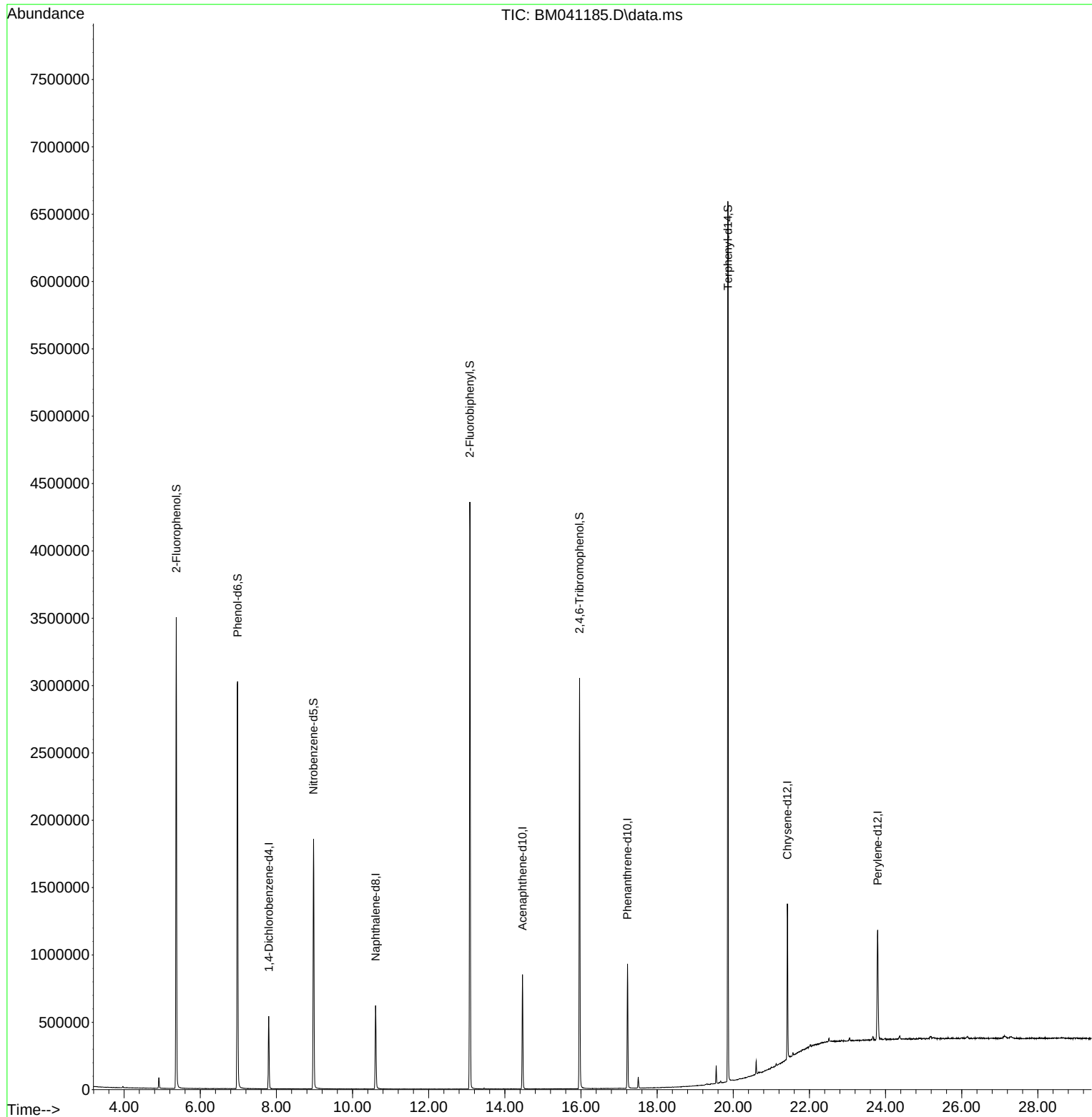
Target Compounds	Qvalue
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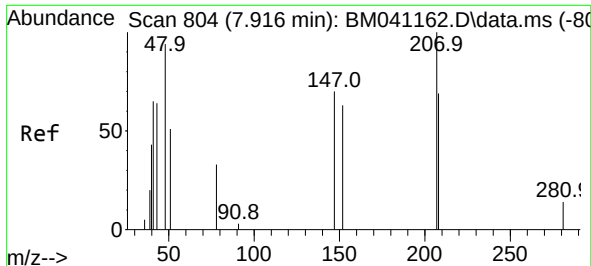
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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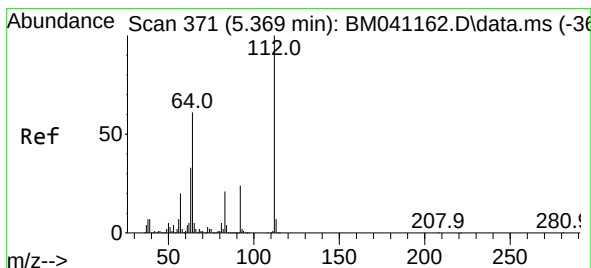
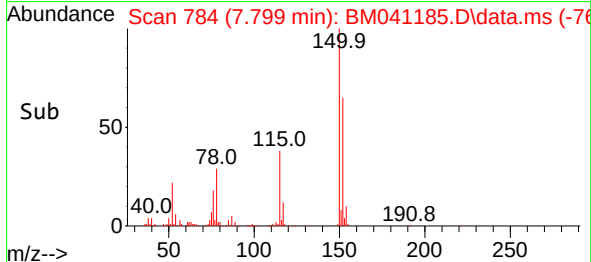
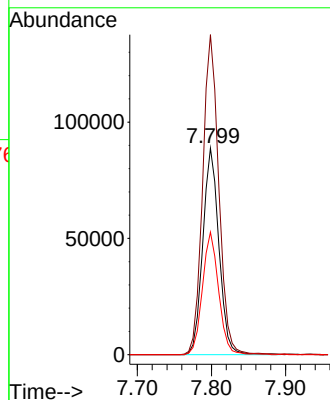
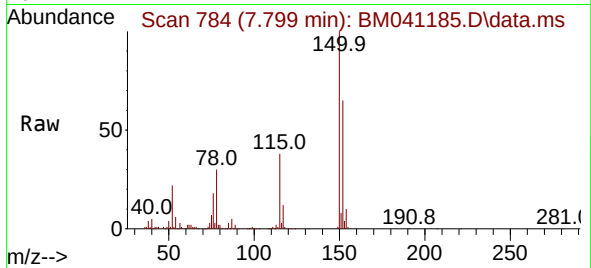




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 71
Delta R.T. 0.001 min
Lab File: BM041185.D
Acq: 31 Jul 2023 12:29

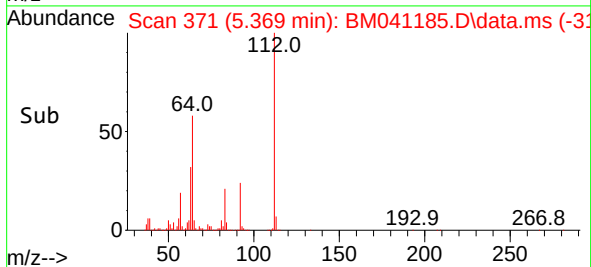
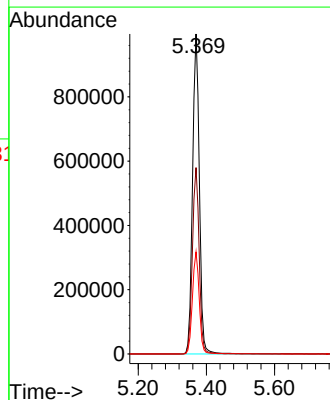
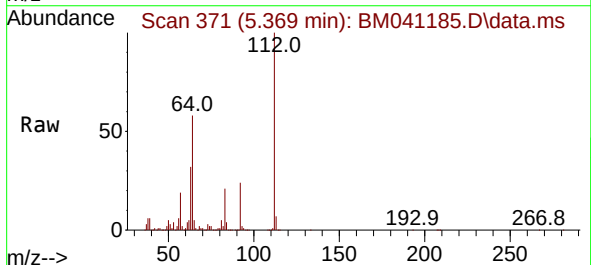
Instrument :
BNA_M
ClientSampleId :
PB154164BL

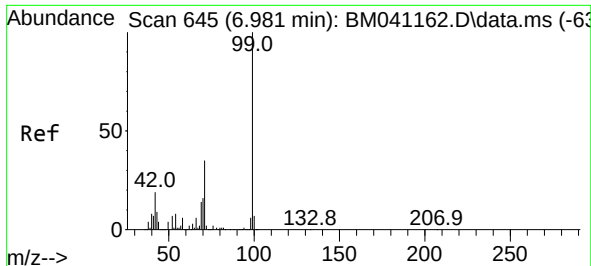
Tgt Ion:152 Resp: 134619
Ion Ratio Lower Upper
152 100
150 154.9 125.5 188.3
115 59.3 48.0 72.0



#5
2-Fluorophenol
Concen: 152.572 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041185.D
Acq: 31 Jul 2023 12:29

Tgt Ion:112 Resp: 1374231
Ion Ratio Lower Upper
112 100
64 58.2 48.5 72.7
63 31.9 26.5 39.7



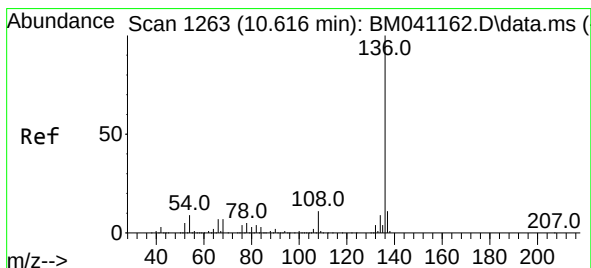
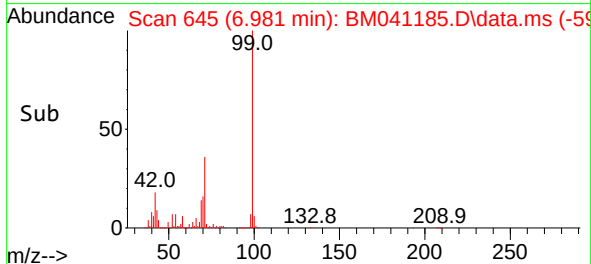
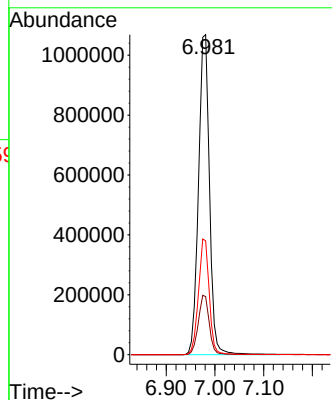
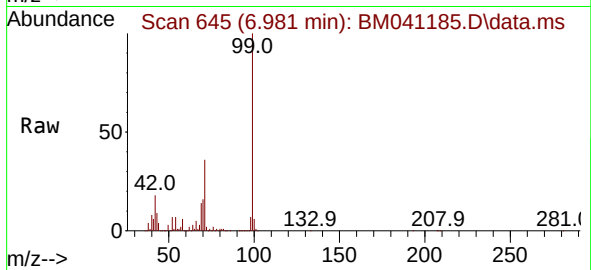


#7
Phenol-d6
Concen: 144.076 ng
RT: 6.981 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041185.D
Acq: 31 Jul 2023 12:29

Instrument :
BNA_M
ClientSampleId :
PB154164BL

Tgt Ion: 99 Resp: 1682139

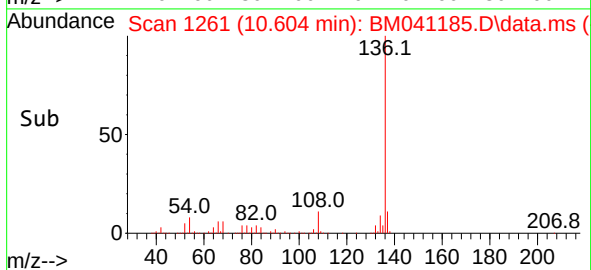
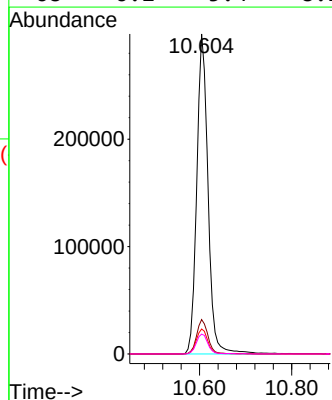
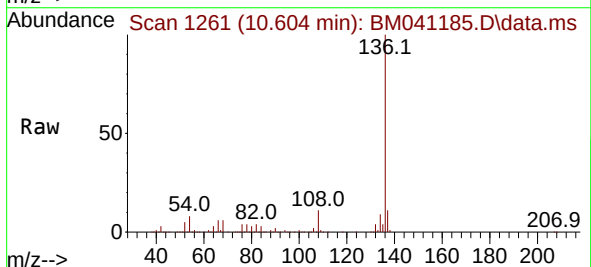
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.4	23.0
71	35.6	28.2	42.4

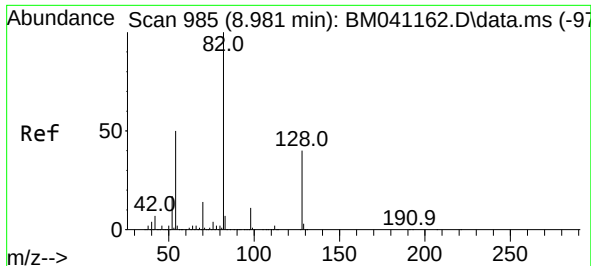


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BM041185.D
Acq: 31 Jul 2023 12:29

Tgt Ion: 136 Resp: 505403

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.8	6.9	10.3
68	6.2	5.4	8.2

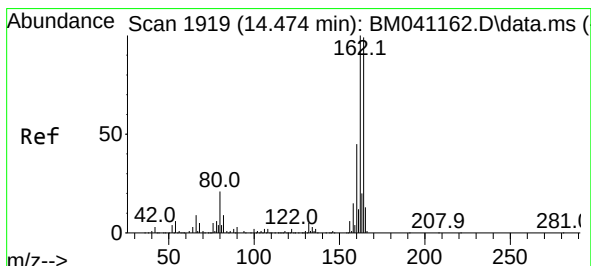
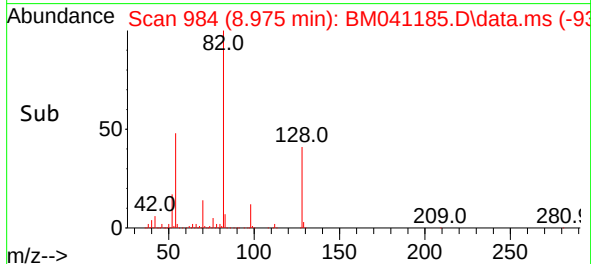
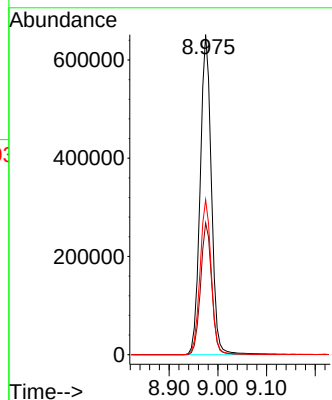
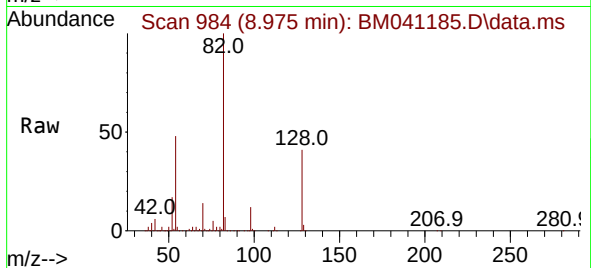




#23
Nitrobenzene-d5
Concen: 96.369 ng
RT: 8.975 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM041185.D
Acq: 31 Jul 2023 12:29

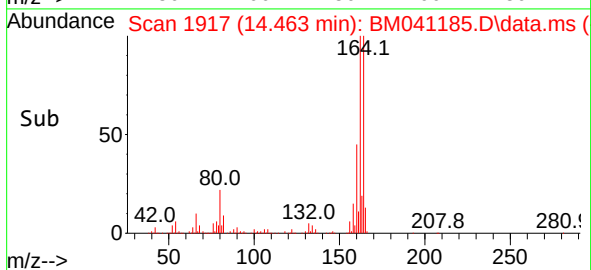
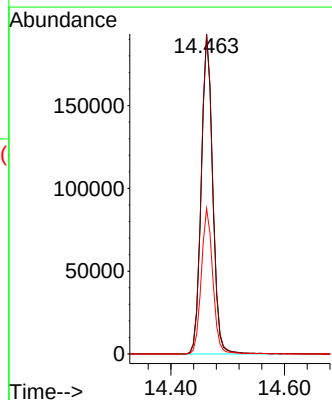
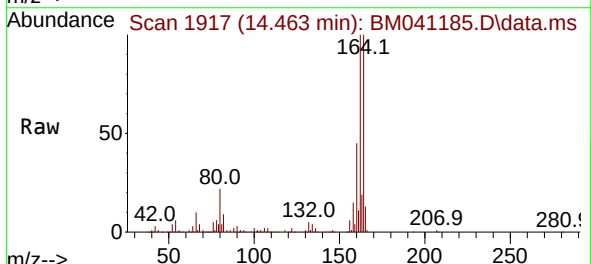
Instrument :
BNA_M
ClientSampleId :
PB154164BL

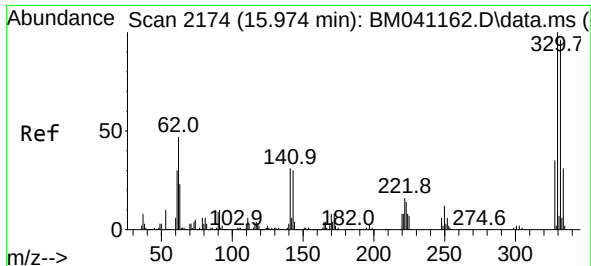
Tgt Ion: 82 Resp: 1047319
Ion Ratio Lower Upper
82 100
128 41.1 31.8 47.6
54 48.4 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BM041185.D
Acq: 31 Jul 2023 12:29

Tgt Ion: 164 Resp: 269514
Ion Ratio Lower Upper
164 100
162 99.8 80.4 120.6
160 45.4 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 139.365 ng

RT: 15.963 min Scan# 2174

Delta R.T. 0.000 min

Lab File: BM041185.D

Acq: 31 Jul 2023 12:29

Instrument :

BNA_M

ClientSampleId :

PB154164BL

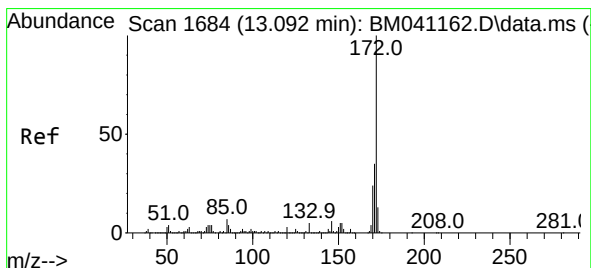
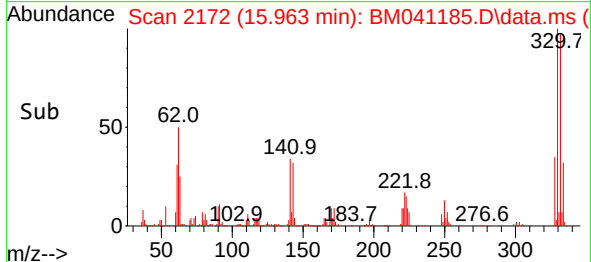
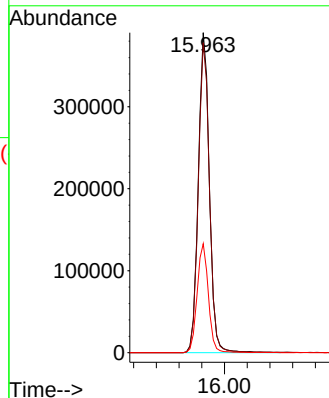
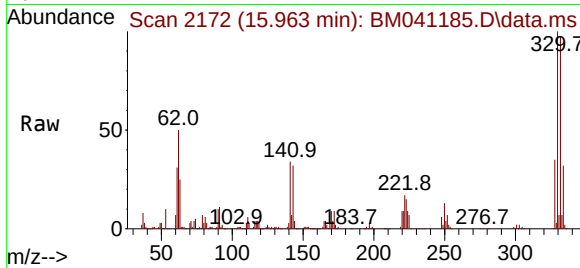
Tgt Ion:330 Resp: 531279

Ion Ratio Lower Upper

330 100

332 97.5 77.7 116.5

141 34.4 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 100.214 ng

RT: 13.081 min Scan# 1682

Delta R.T. -0.006 min

Lab File: BM041185.D

Acq: 31 Jul 2023 12:29

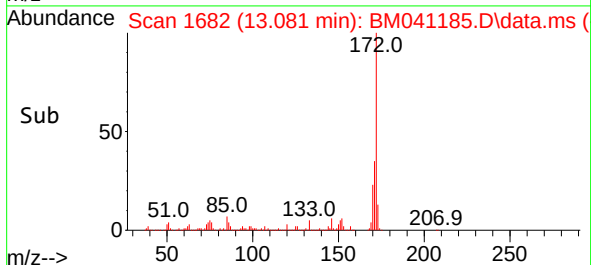
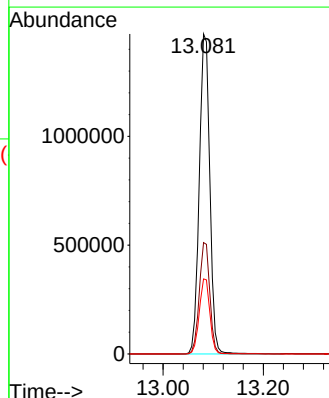
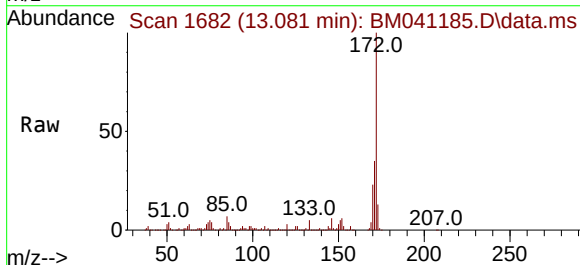
Tgt Ion:172 Resp: 2138061

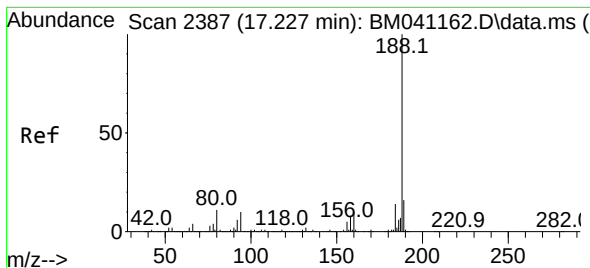
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041185.D

Acq: 31 Jul 2023 12:29

Instrument :

BNA_M

ClientSampleId :

PB154164BL

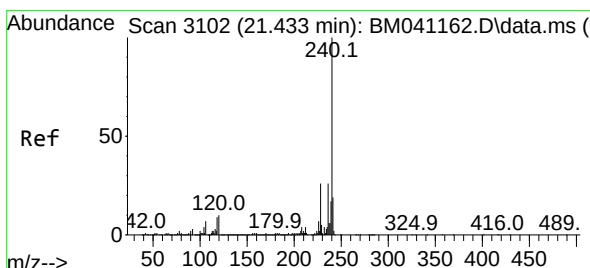
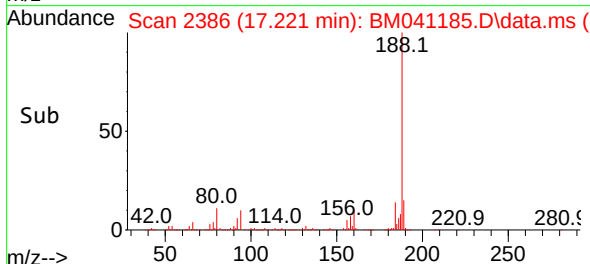
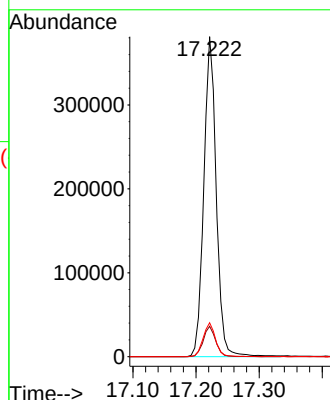
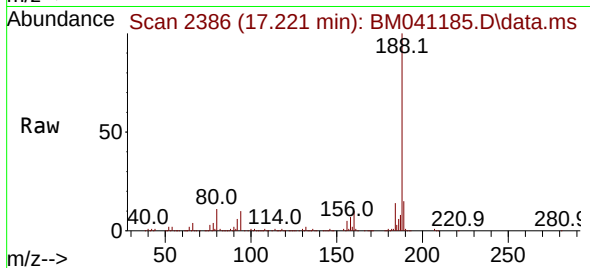
Tgt Ion:188 Resp: 523048

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

80 10.6 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BM041185.D

Acq: 31 Jul 2023 12:29

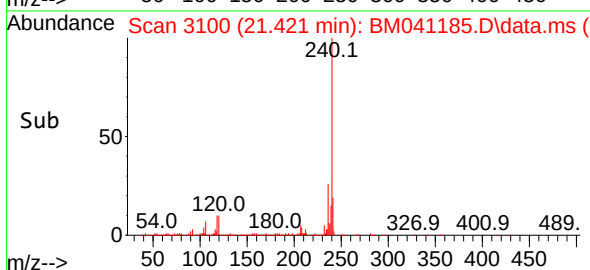
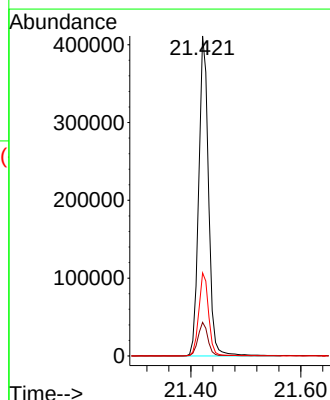
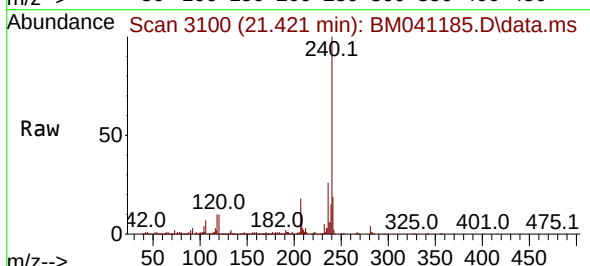
Tgt Ion:240 Resp: 511045

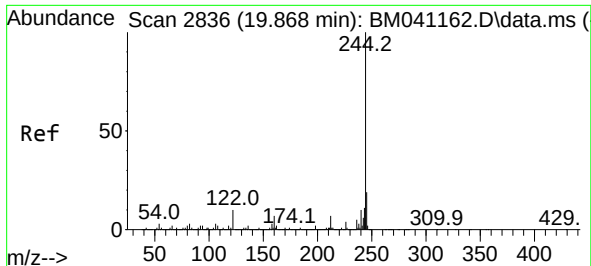
Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

236 26.0 20.6 30.8

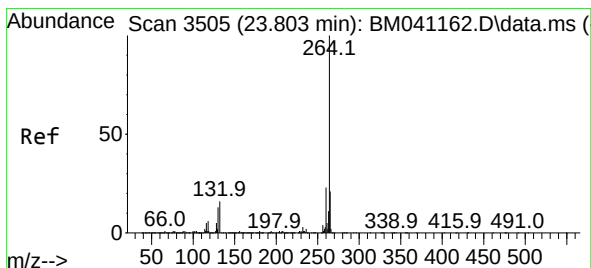
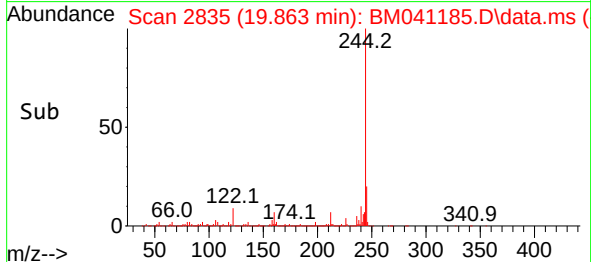
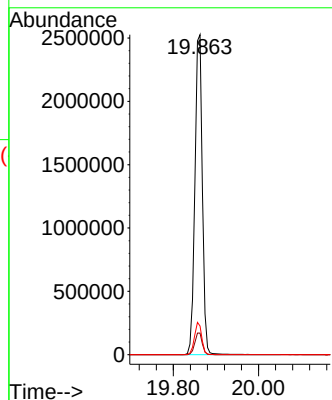
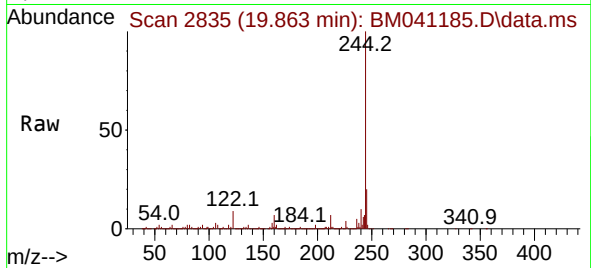




#79
 Terphenyl-d14
 Concen: 108.071 ng
 RT: 19.863 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM041185.D
 Acq: 31 Jul 2023 12:29

Instrument :
 BNA_M
 ClientSampleId :
 PB154164BL

Tgt Ion:244 Resp: 3054613
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 8.9 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.792 min Scan# 3503
 Delta R.T. -0.006 min
 Lab File: BM041185.D
 Acq: 31 Jul 2023 12:29

Tgt Ion:264 Resp: 593112
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.5 27.7
 265 22.2 17.4 26.0

