

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041188.D
 Acq On : 31 Jul 2023 14:20
 Operator : MA/JU
 Sample : 03742-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP-03

Quant Time: Jul 31 16:34:14 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	7.798	152	143091	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	568515	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	332751	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	702475	20.000	ng	0.00
76) Chrysene-d12	21.421	240	664004	20.000	ng	0.00
86) Perylene-d12	23.791	264	750767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	598582	62.522	ng	0.00
7) Phenol-d6	6.975	99	828011	66.720	ng	0.00
23) Nitrobenzene-d5	8.975	82	489947	40.078	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	318463	67.663	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1143136	43.398	ng	0.00
79) Terphenyl-d14	19.856	244	1693523	46.114	ng	0.00

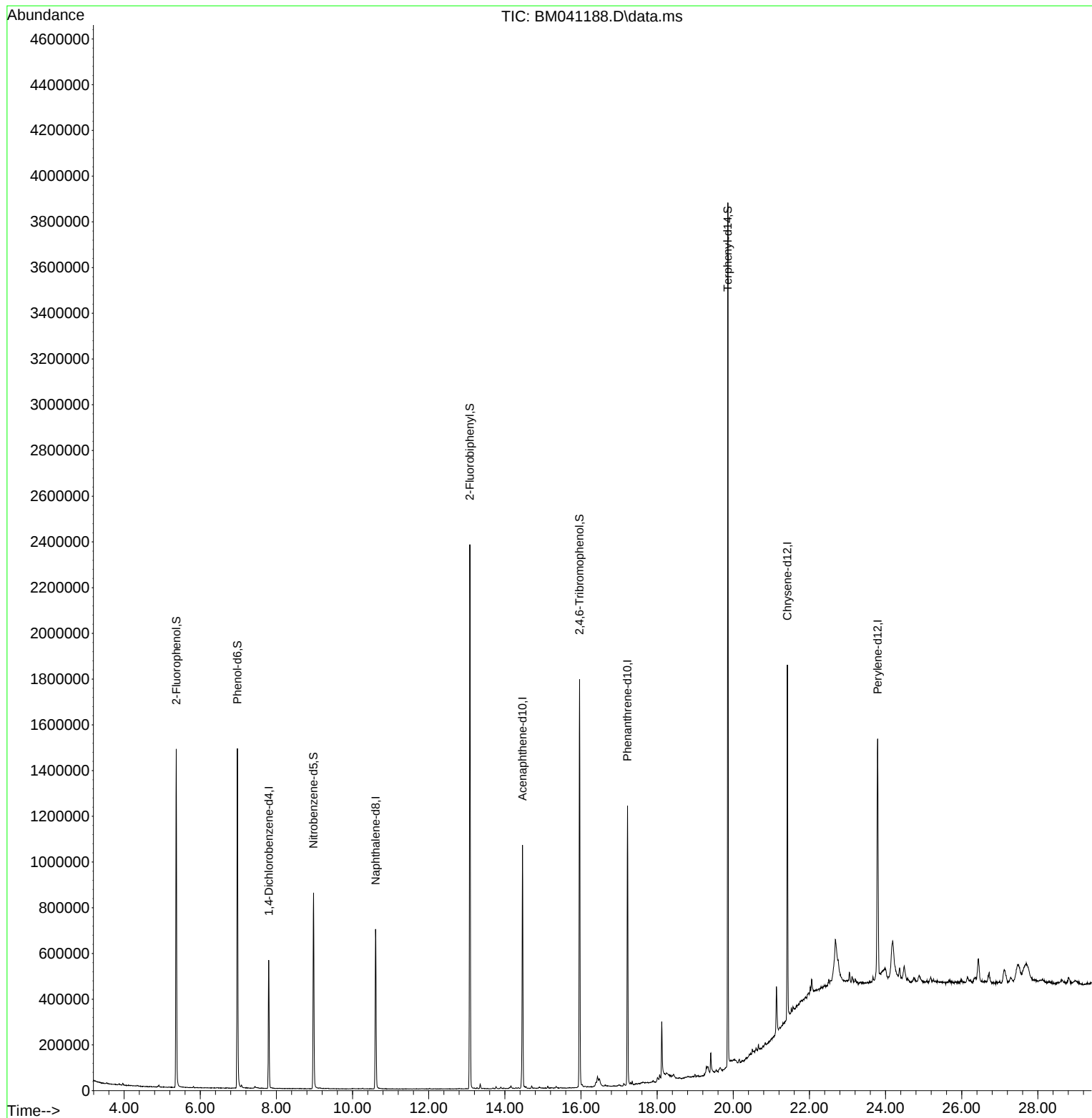
Target Compounds	Qvalue

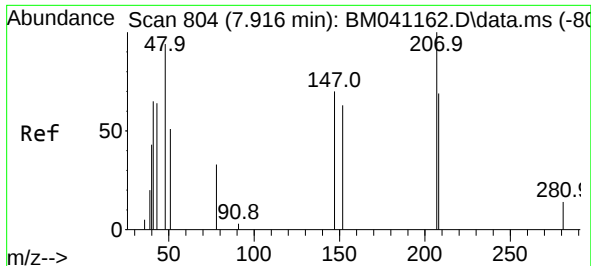
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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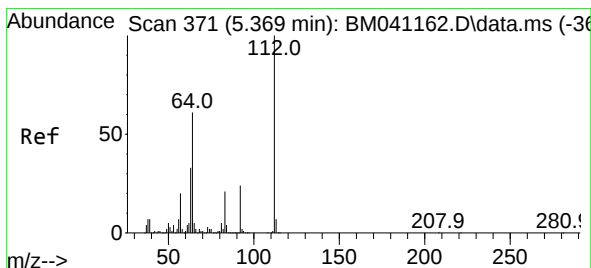
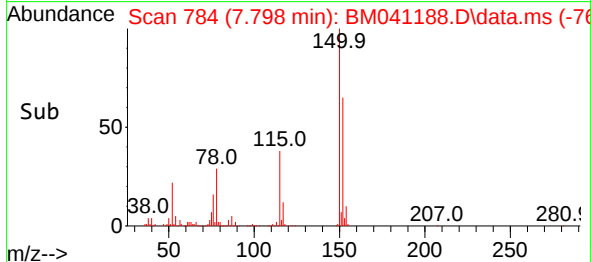
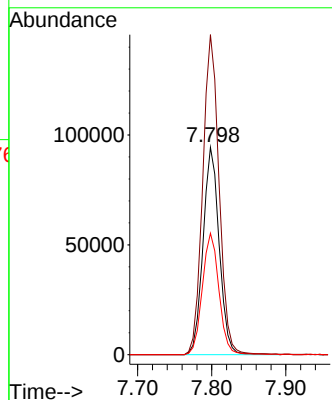
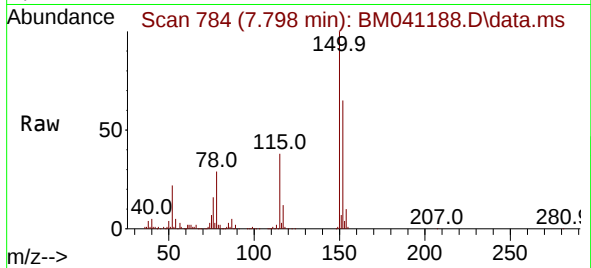




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041188.D
Acq: 31 Jul 2023 14:20

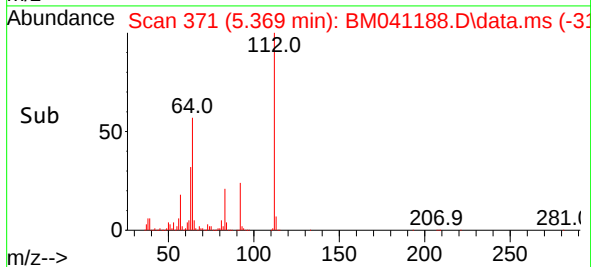
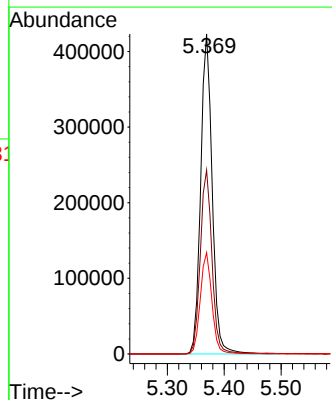
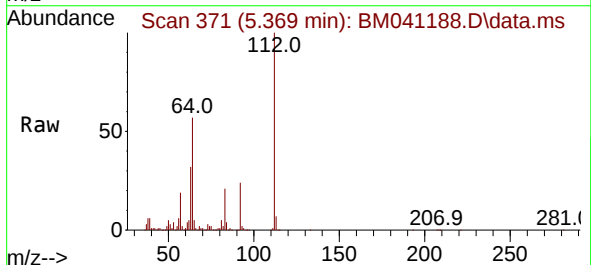
Instrument :
BNA_M
ClientSampleId :
DUP-03

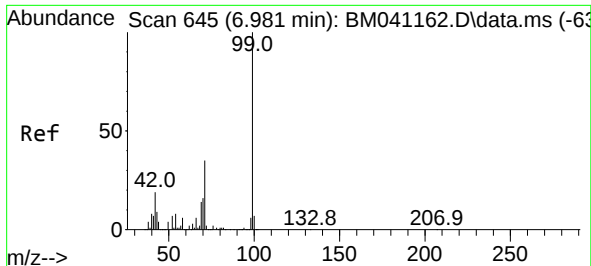
Tgt Ion:152 Resp: 143091
Ion Ratio Lower Upper
152 100
150 154.3 125.5 188.3
115 58.6 48.0 72.0



#5
2-Fluorophenol
Concen: 62.522 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041188.D
Acq: 31 Jul 2023 14:20

Tgt Ion:112 Resp: 598582
Ion Ratio Lower Upper
112 100
64 57.5 48.5 72.7
63 31.6 26.5 39.7

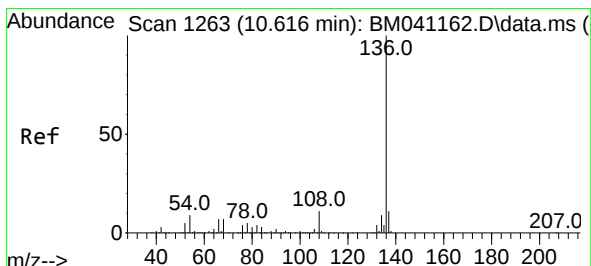
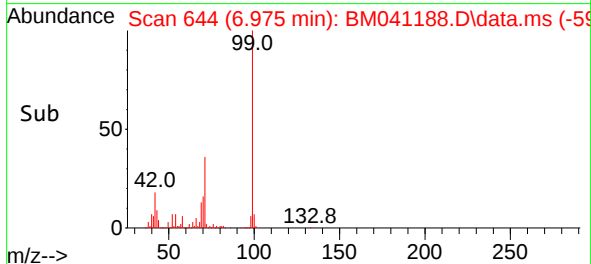
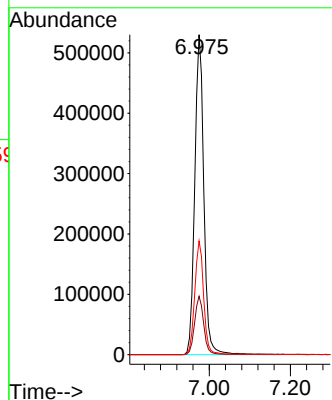
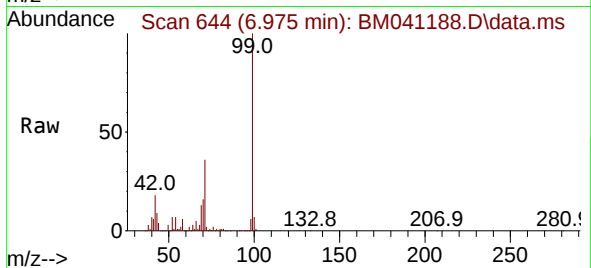




#7
Phenol-d6
Concen: 66.720 ng
RT: 6.975 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041188.D
Acq: 31 Jul 2023 14:20

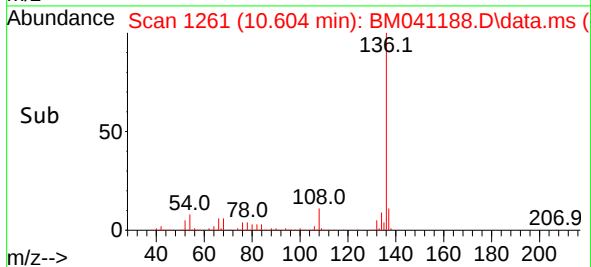
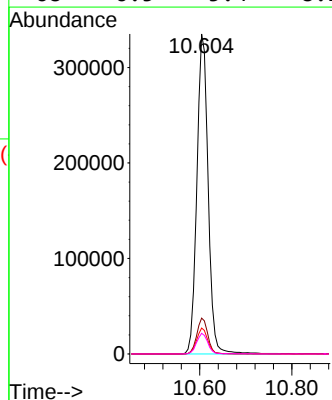
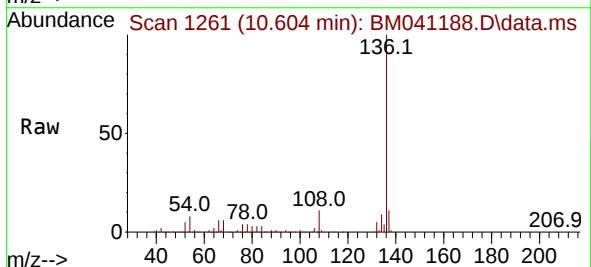
Instrument :
BNA_M
ClientSampleId :
DUP-03

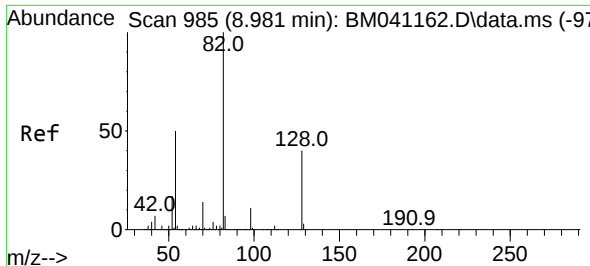
Tgt Ion: 99 Resp: 828011
Ion Ratio Lower Upper
99 100
42 18.3 15.4 23.0
71 35.6 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041188.D
Acq: 31 Jul 2023 14:20

Tgt Ion: 136 Resp: 568515
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.1 6.9 10.3
68 6.5 5.4 8.2

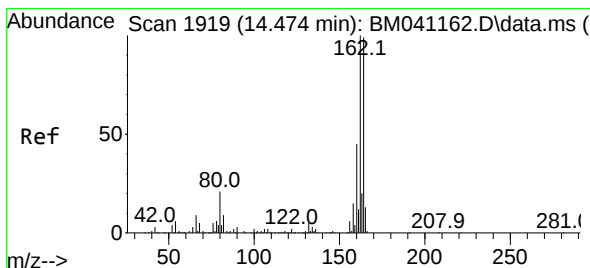
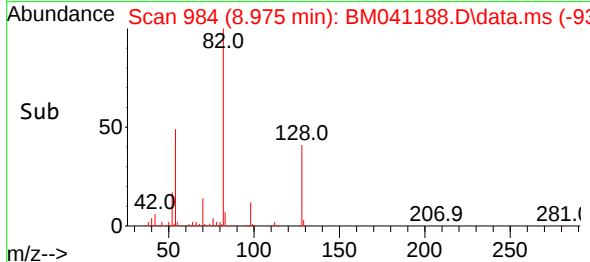
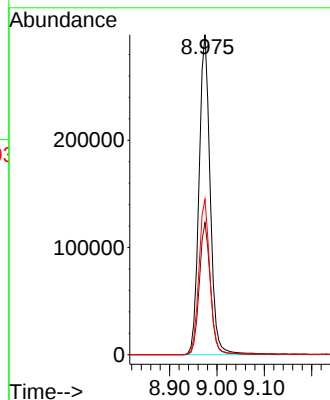
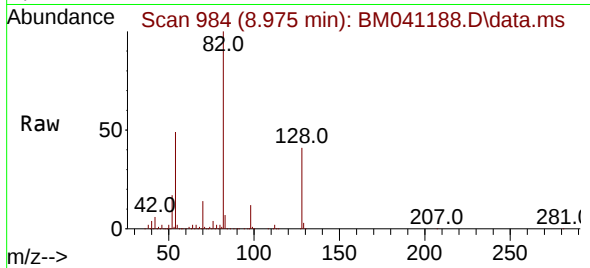




#23
Nitrobenzene-d5
Concen: 40.078 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041188.D
Acq: 31 Jul 2023 14:20

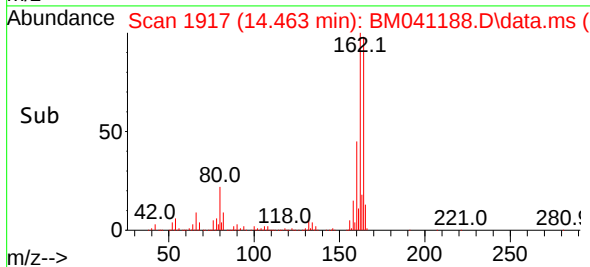
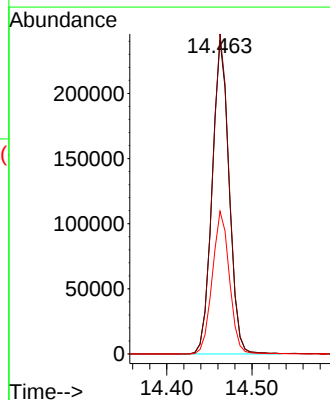
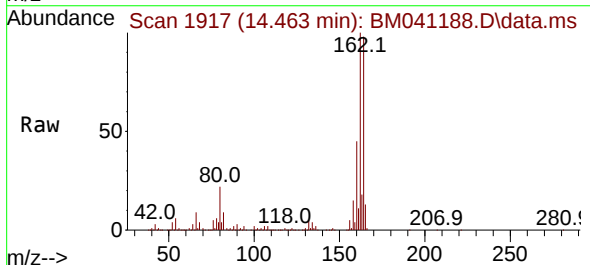
Instrument :
BNA_M
ClientSampleId :
DUP-03

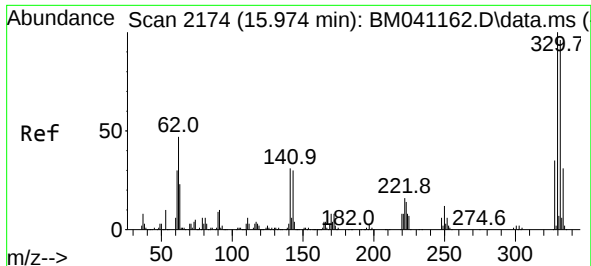
Tgt Ion: 82 Resp: 489947
Ion Ratio Lower Upper
82 100
128 41.3 31.8 47.6
54 48.5 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041188.D
Acq: 31 Jul 2023 14:20

Tgt Ion: 164 Resp: 332751
Ion Ratio Lower Upper
164 100
162 102.0 80.4 120.6
160 45.5 36.2 54.2

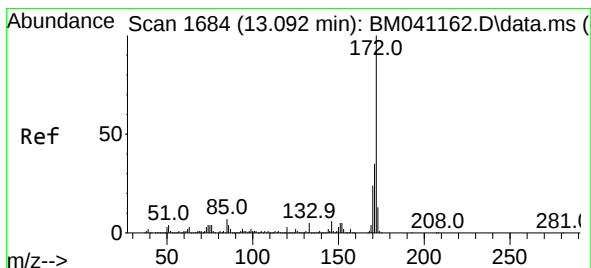
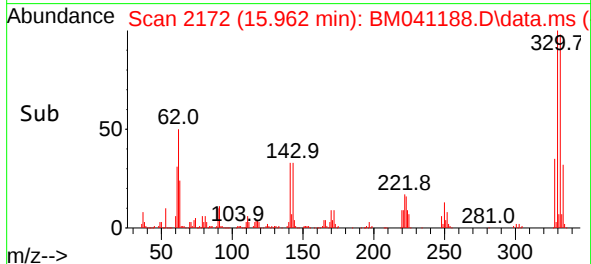
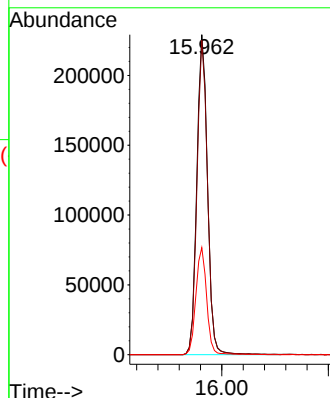
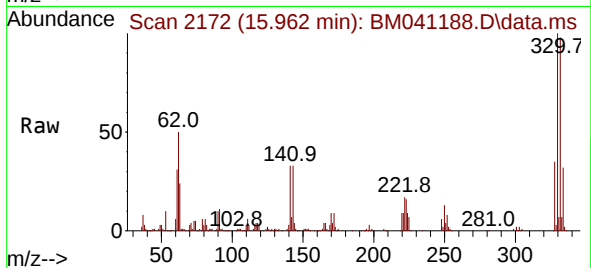




#42
2,4,6-Tribromophenol
Concen: 67.663 ng
RT: 15.962 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM041188.D
Acq: 31 Jul 2023 14:20

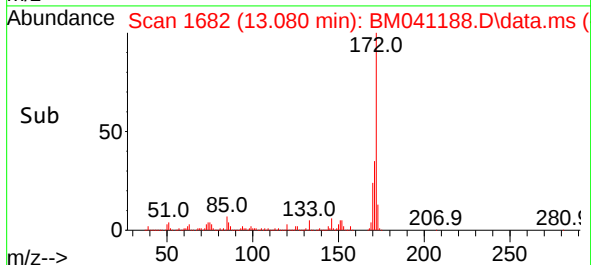
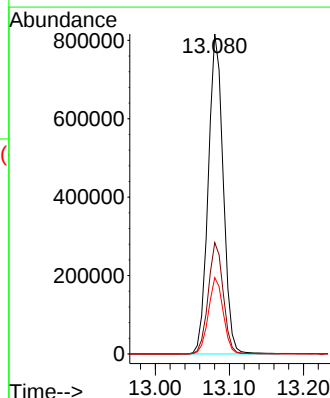
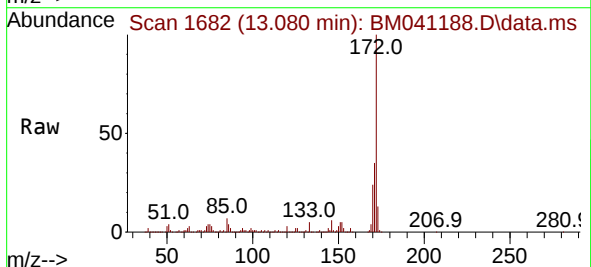
Instrument :
BNA_M
ClientSampleId :
DUP-03

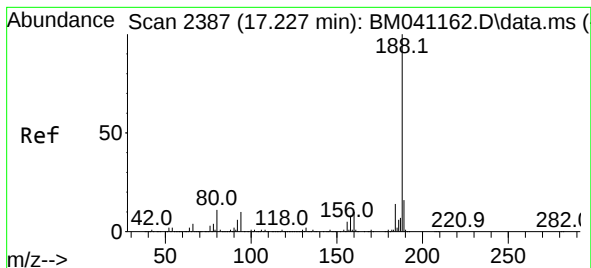
Tgt Ion:330 Resp: 318463
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 33.7 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 43.398 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM041188.D
Acq: 31 Jul 2023 14:20

Tgt Ion:172 Resp: 1143136
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.8 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: BM041188.D

Acq: 31 Jul 2023 14:20

Instrument :

BNA_M

ClientSampleId :

DUP-03

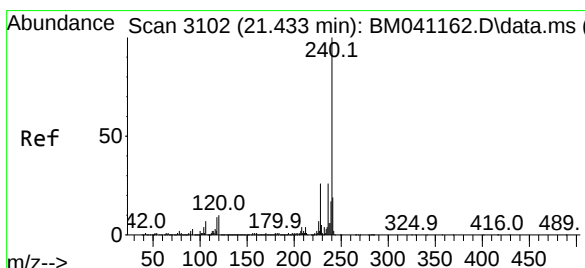
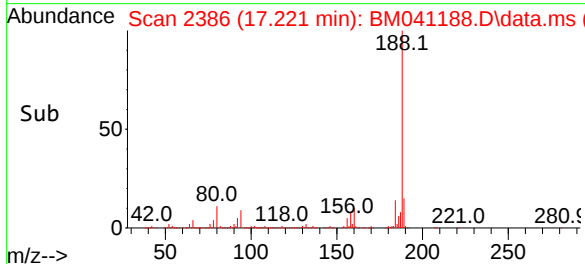
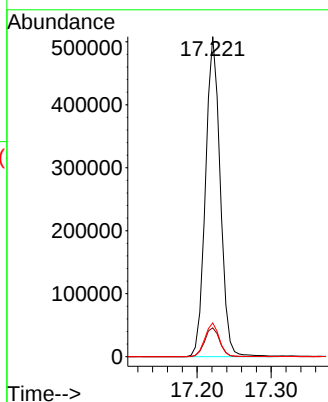
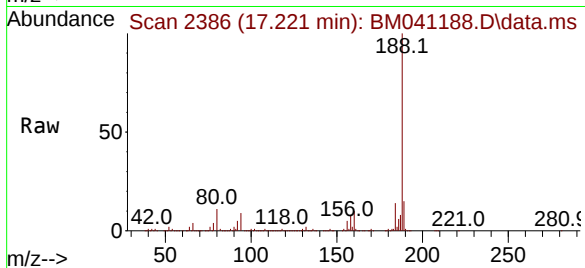
Tgt Ion:188 Resp: 702475

Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.2

80 10.5 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: BM041188.D

Acq: 31 Jul 2023 14:20

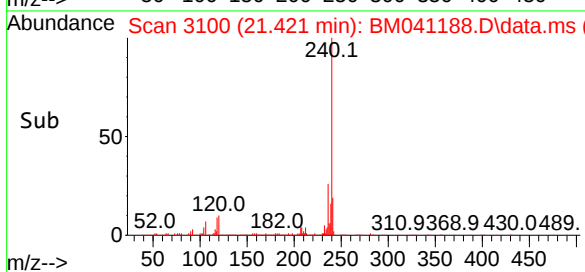
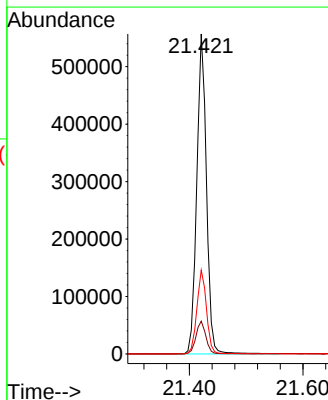
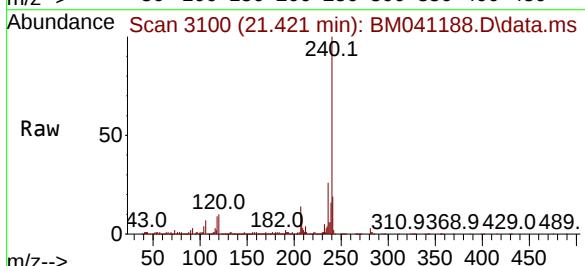
Tgt Ion:240 Resp: 664004

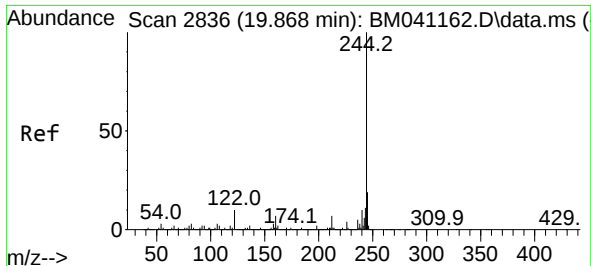
Ion Ratio Lower Upper

240 100

120 10.2 8.3 12.5

236 26.2 20.6 30.8

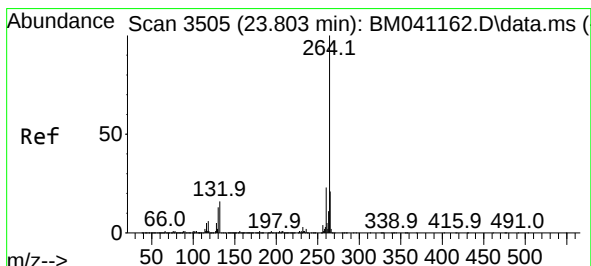
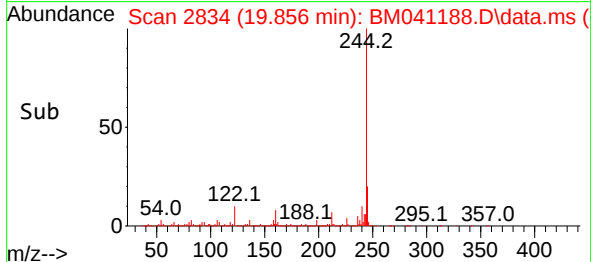
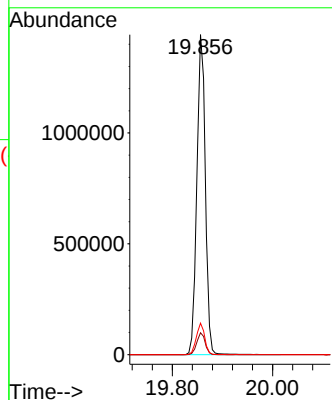
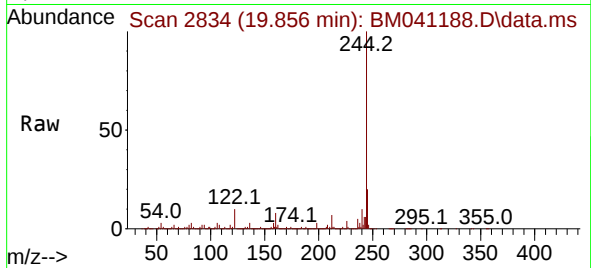




#79
 Terphenyl-d14
 Concen: 46.114 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041188.D
 Acq: 31 Jul 2023 14:20

Instrument :
 BNA_M
 ClientSampleId :
 DUP-03

Tgt Ion:244 Resp: 1693523
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 9.9 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.791 min Scan# 3503
 Delta R.T. -0.006 min
 Lab File: BM041188.D
 Acq: 31 Jul 2023 14:20

Tgt Ion:264 Resp: 750767
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 22.3 17.4 26.0

