

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041184.D
 Acq On : 31 Jul 2023 11:52
 Operator : MA/JU
 Sample : PB154262BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154262BL

Quant Time: Jul 31 16:32:55 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	129921	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	494424	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	271484	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	577997	20.000	ng	0.00
76) Chrysene-d12	21.427	240	578169	20.000	ng	0.00
86) Perylene-d12	23.791	264	653680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	734977	84.550	ng	0.00
7) Phenol-d6	6.975	99	897415	79.643	ng	0.00
23) Nitrobenzene-d5	8.975	82	844207	79.404	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	308333	80.295	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1767659	82.251	ng	0.00
79) Terphenyl-d14	19.862	244	2953687	92.368	ng	0.00

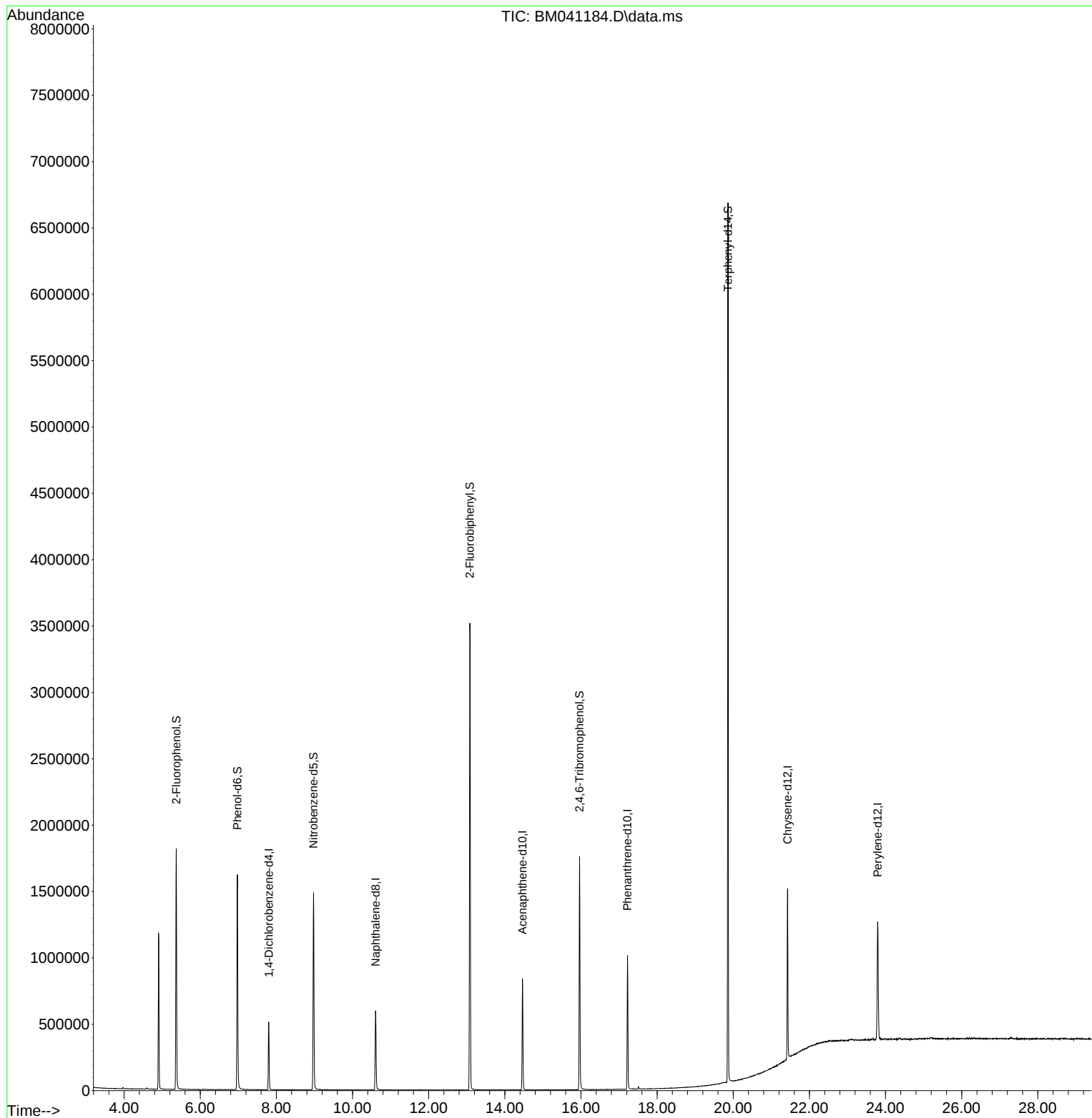
Target Compounds	Qvalue

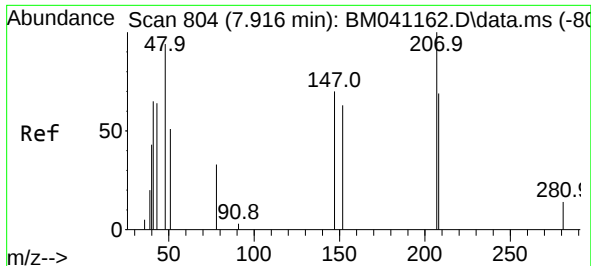
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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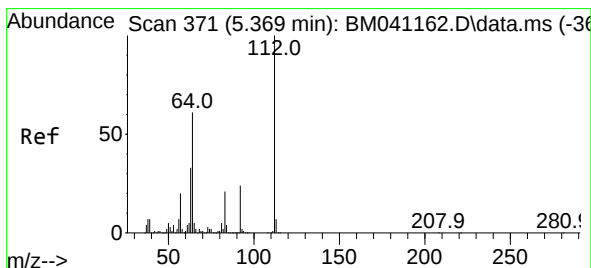
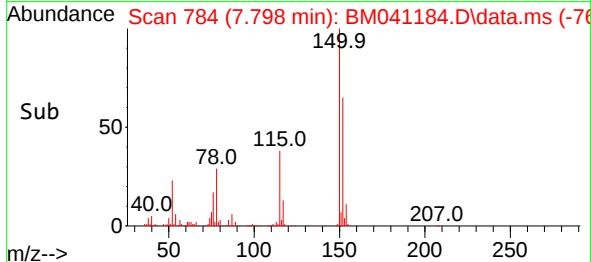
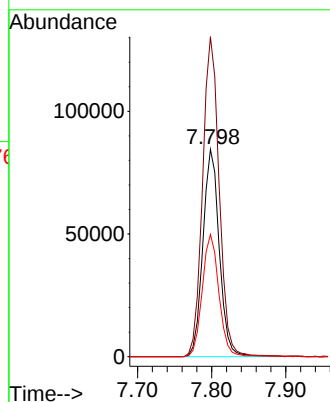
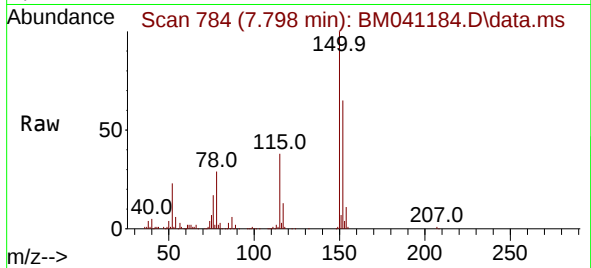




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041184.D
Acq: 31 Jul 2023 11:52

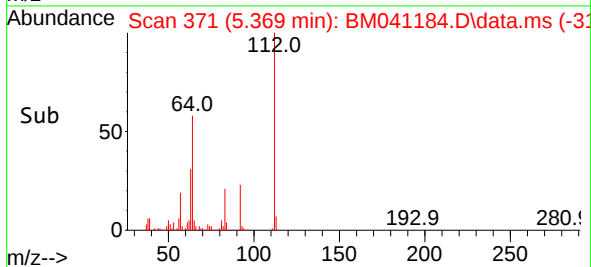
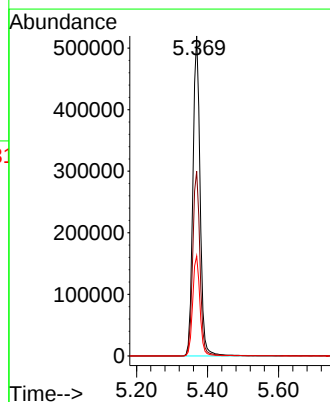
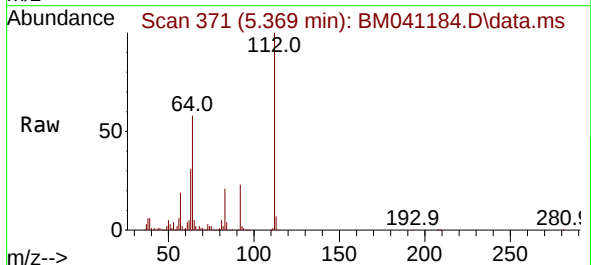
Instrument :
BNA_M
ClientSampleId :
PB154262BL

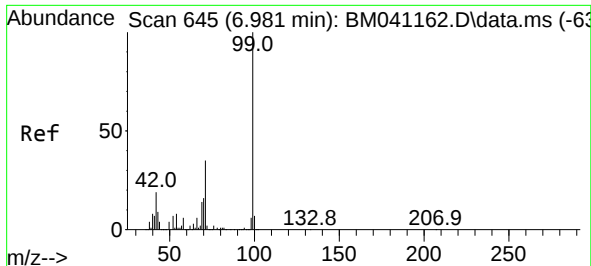
Tgt Ion:152 Resp: 129921
Ion Ratio Lower Upper
152 100
150 154.3 125.5 188.3
115 58.9 48.0 72.0



#5
2-Fluorophenol
Concen: 84.550 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041184.D
Acq: 31 Jul 2023 11:52

Tgt Ion:112 Resp: 734977
Ion Ratio Lower Upper
112 100
64 57.7 48.5 72.7
63 31.3 26.5 39.7

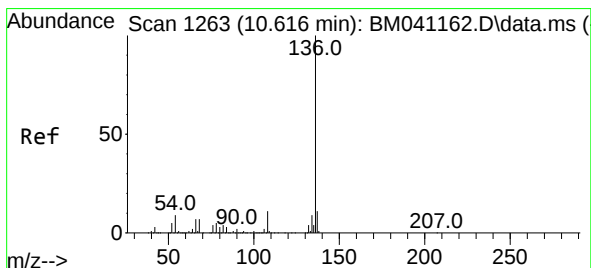
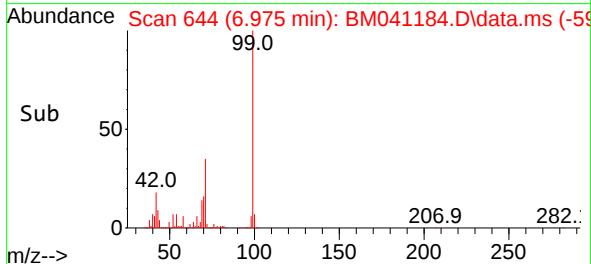
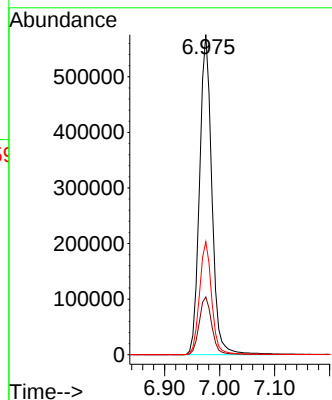
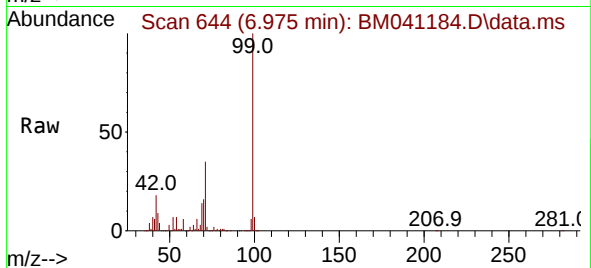




#7
Phenol-d6
Concen: 79.643 ng
RT: 6.975 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041184.D
Acq: 31 Jul 2023 11:52

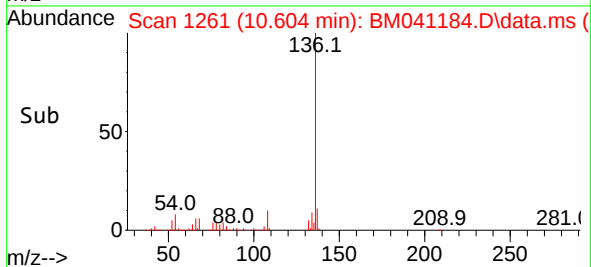
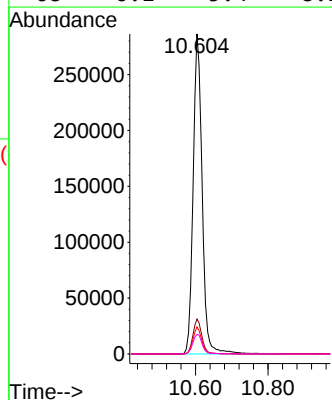
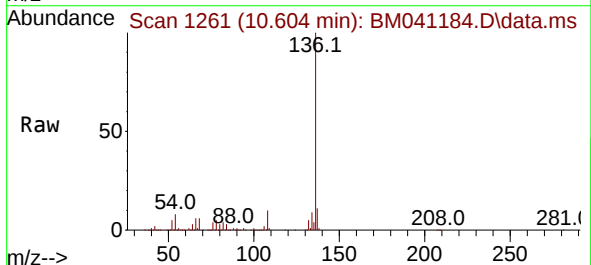
Instrument :
BNA_M
ClientSampleId :
PB154262BL

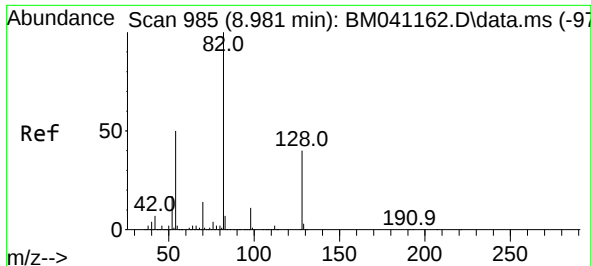
Tgt Ion: 99 Resp: 897415
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 35.3 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041184.D
Acq: 31 Jul 2023 11:52

Tgt Ion: 136 Resp: 494424
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.4 6.9 10.3
68 6.1 5.4 8.2

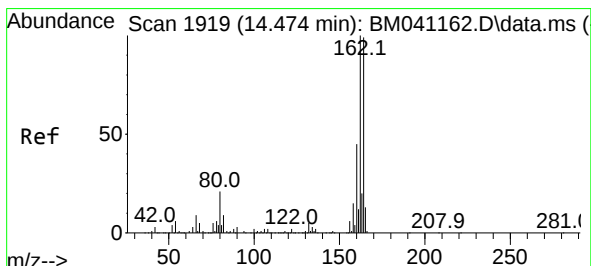
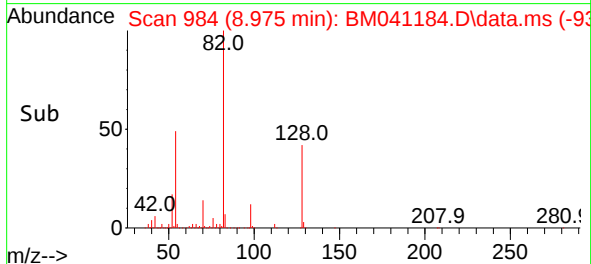
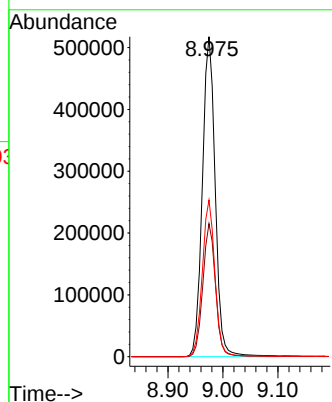
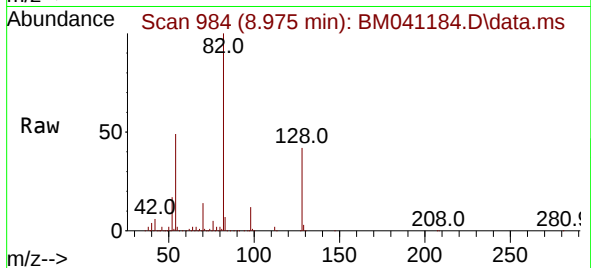




#23
Nitrobenzene-d5
Concen: 79.404 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041184.D
Acq: 31 Jul 2023 11:52

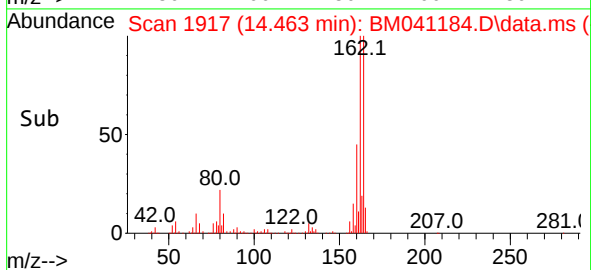
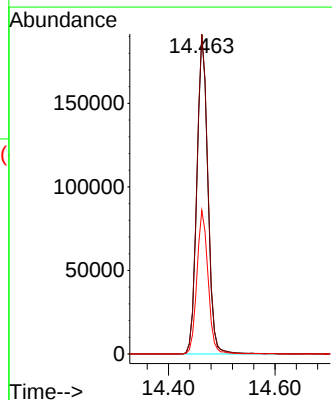
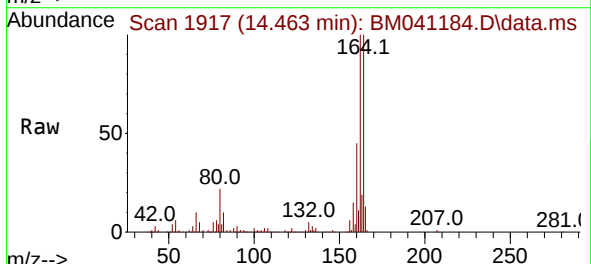
Instrument :
BNA_M
ClientSampleId :
PB154262BL

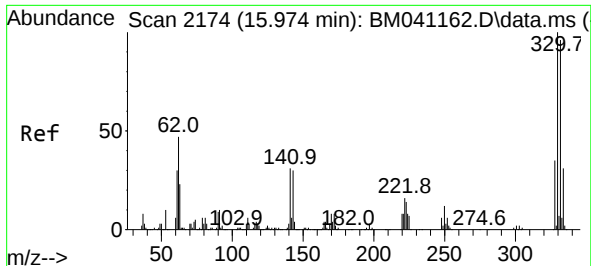
Tgt Ion: 82 Resp: 844207
Ion Ratio Lower Upper
82 100
128 41.6 31.8 47.6
54 48.9 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041184.D
Acq: 31 Jul 2023 11:52

Tgt Ion: 164 Resp: 271484
Ion Ratio Lower Upper
164 100
162 100.3 80.4 120.6
160 45.0 36.2 54.2

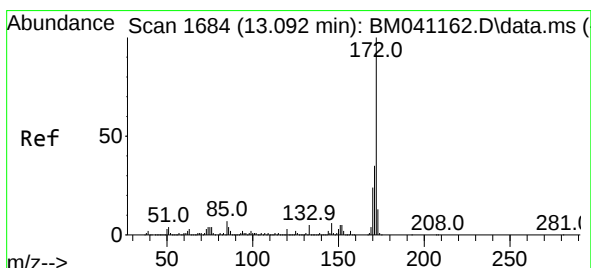
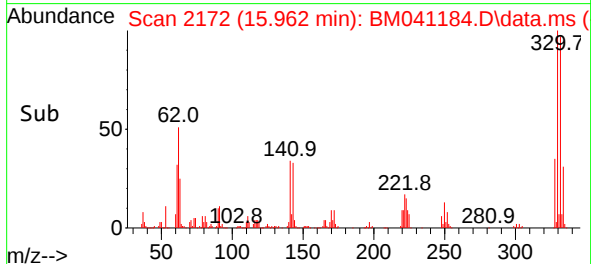
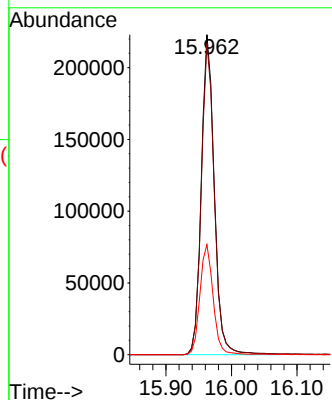
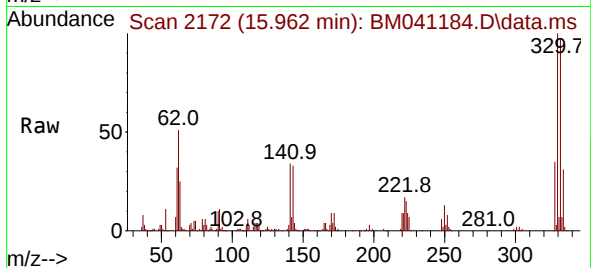




#42
2,4,6-Tribromophenol
Concen: 80.295 ng
RT: 15.962 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM041184.D
Acq: 31 Jul 2023 11:52

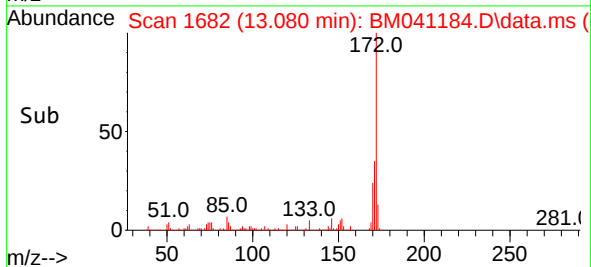
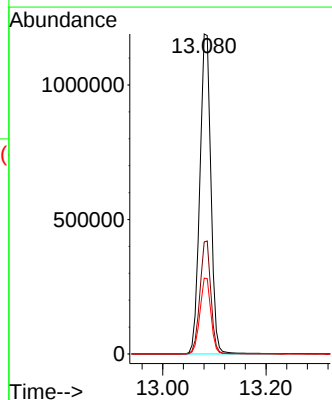
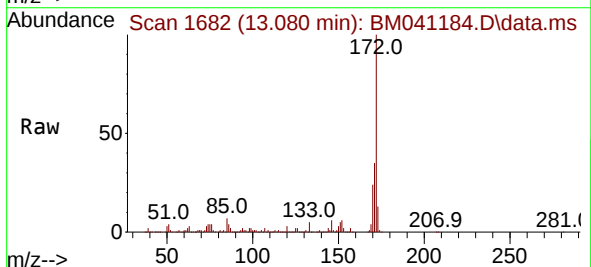
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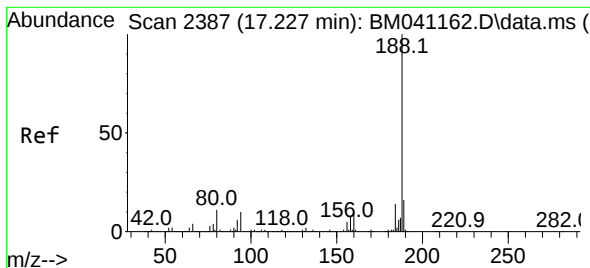
Tgt Ion:330 Resp: 308333
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 35.1 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 82.251 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM041184.D
Acq: 31 Jul 2023 11:52

Tgt Ion:172 Resp: 1767659
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.7 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: BM041184.D

Acq: 31 Jul 2023 11:52

Instrument :

BNA_M

ClientSampleId :

PB154262BL

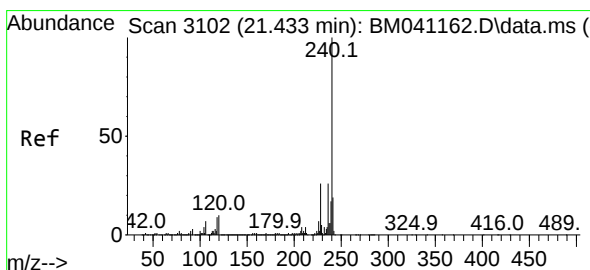
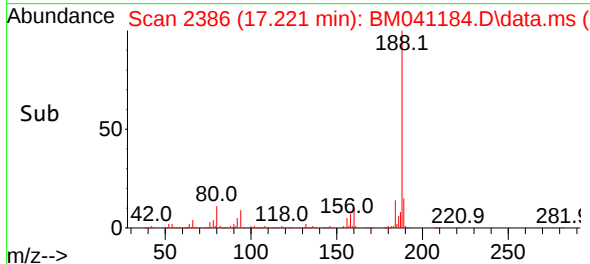
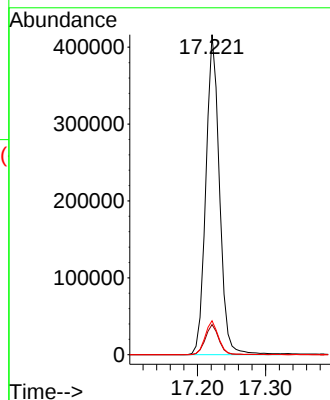
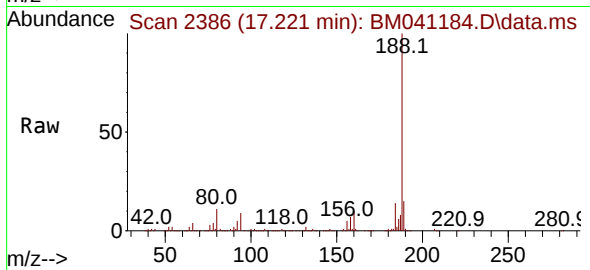
Tgt Ion:188 Resp: 577997

Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.2

80 10.6 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BM041184.D

Acq: 31 Jul 2023 11:52

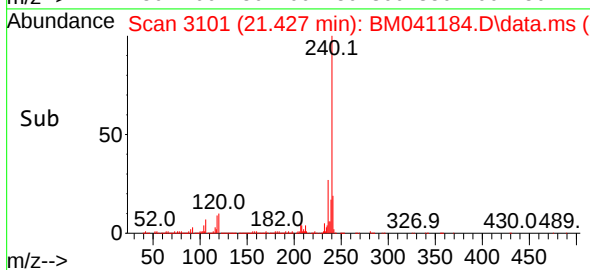
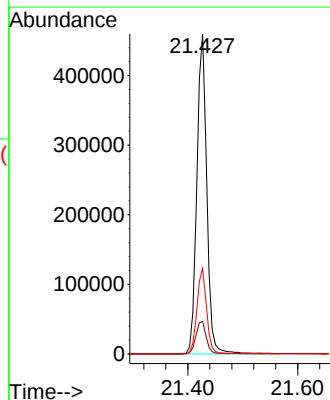
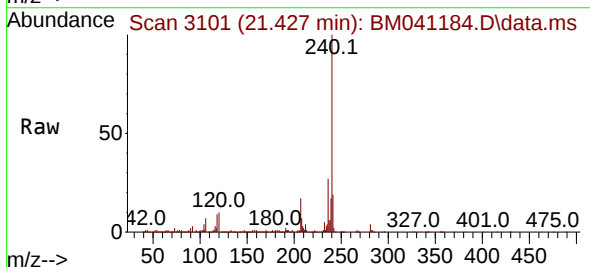
Tgt Ion:240 Resp: 578169

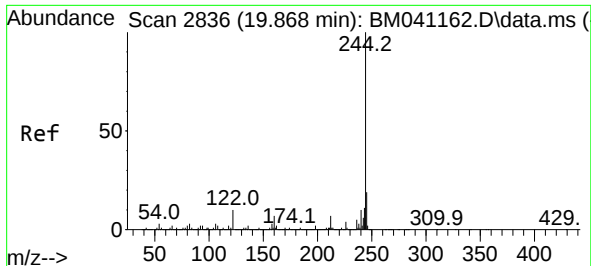
Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

236 26.7 20.6 30.8

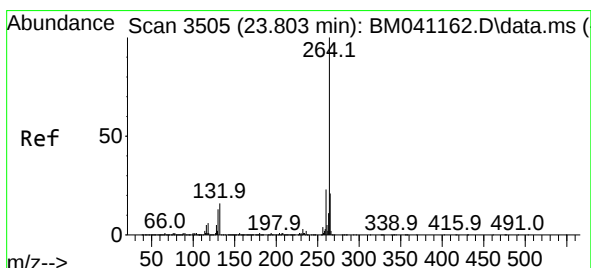
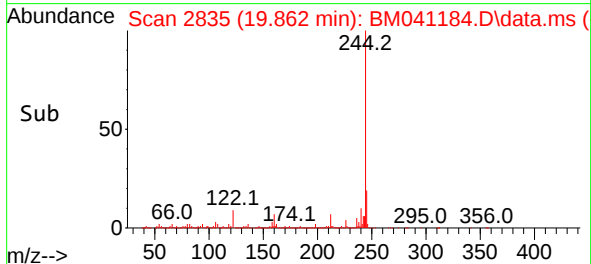
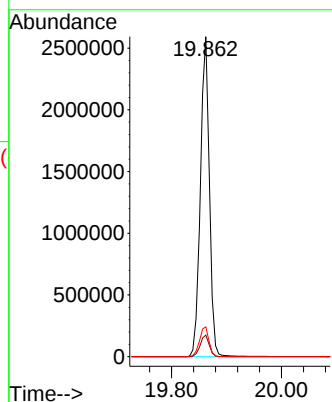
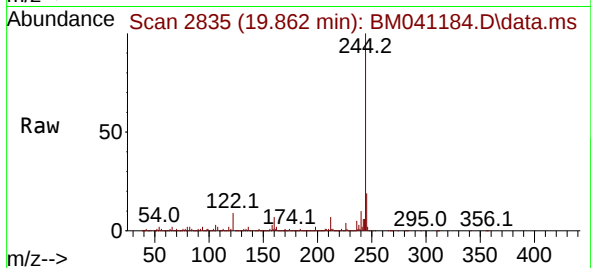




#79
 Terphenyl-d14
 Concen: 92.368 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041184.D
 Acq: 31 Jul 2023 11:52

Instrument :
 BNA_M
 ClientSampleId :
 PB154262BL

Tgt Ion:244 Resp: 2953687
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 9.3 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: BM041184.D
 Acq: 31 Jul 2023 11:52

Tgt Ion:264 Resp: 653680
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 22.8 17.4 26.0

