

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041189.D
 Acq On : 31 Jul 2023 14:57
 Operator : MA/JU
 Sample : 03742-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP-02

Quant Time: Jul 31 16:34:26 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	161838	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	648686	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	387595	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	839065	20.000	ng	0.00
76) Chrysene-d12	21.421	240	818107	20.000	ng	0.00
86) Perylene-d12	23.791	264	929703	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	708303	65.412	ng	0.00
7) Phenol-d6	6.975	99	997398	71.060	ng	0.00
23) Nitrobenzene-d5	8.975	82	569352	40.817	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	377049	68.775	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1299684	42.359	ng	0.00
79) Terphenyl-d14	19.856	244	2055123	45.419	ng	0.00

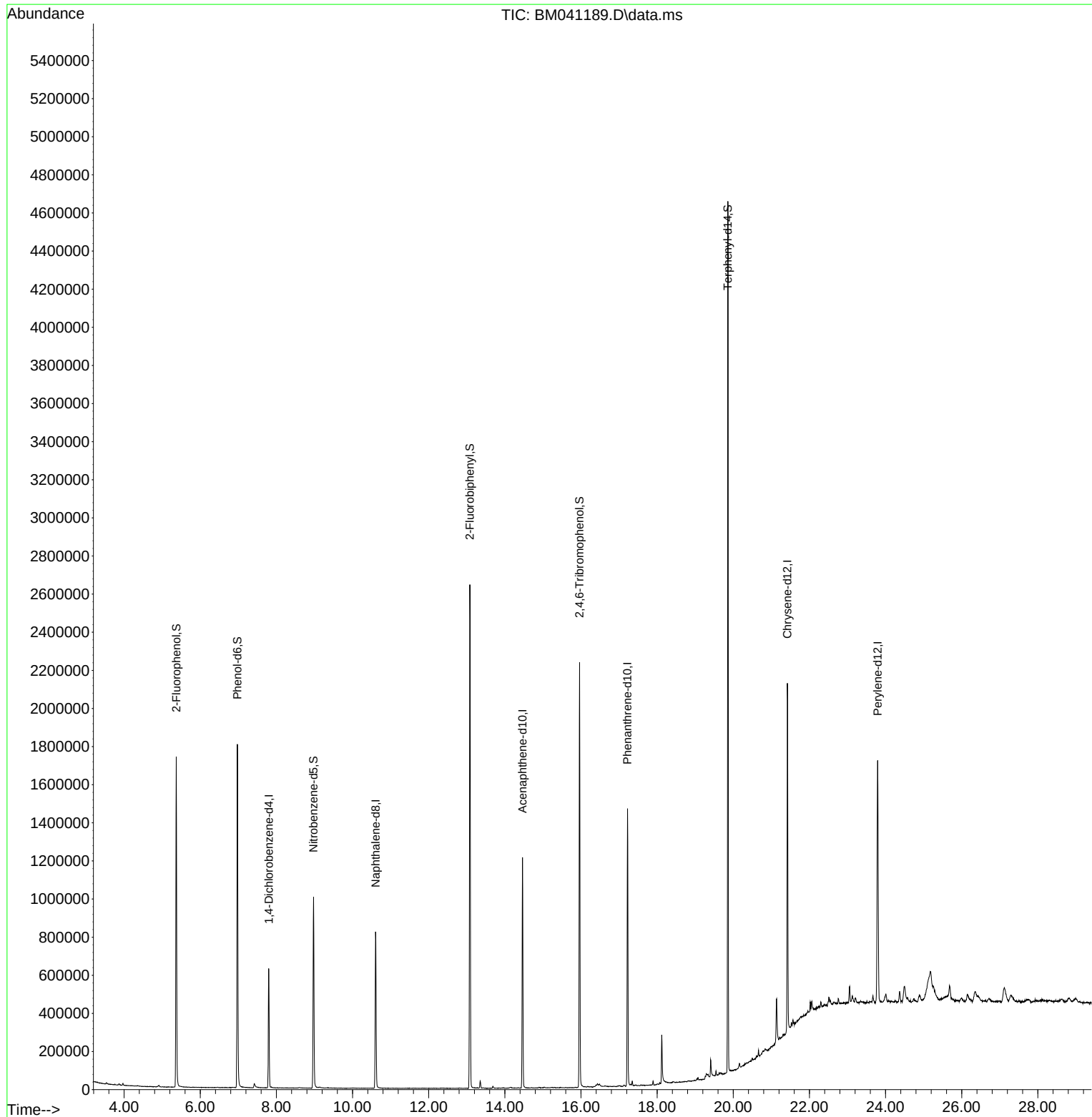
Target Compounds	Qvalue

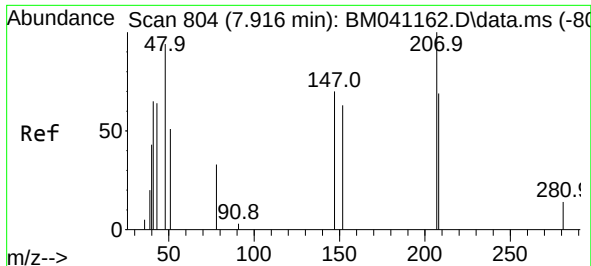
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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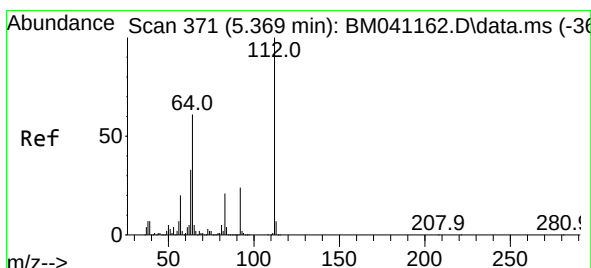
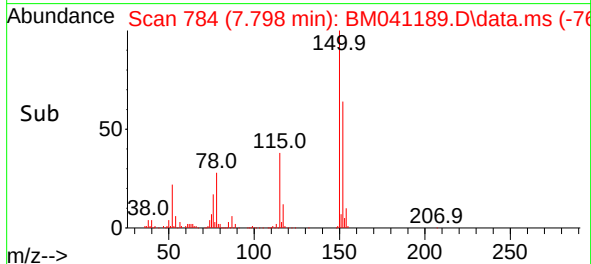
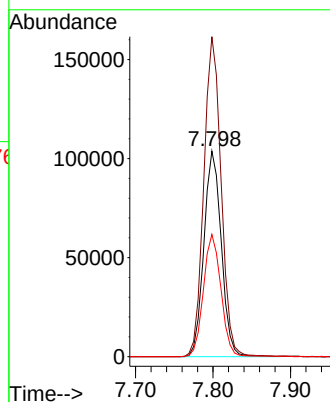
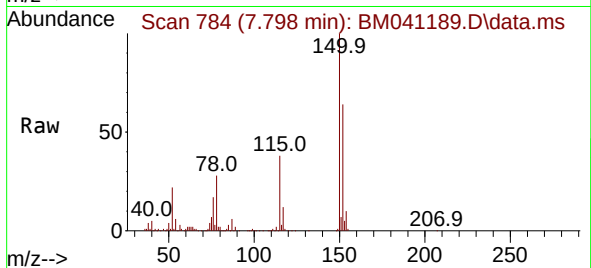




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041189.D
Acq: 31 Jul 2023 14:57

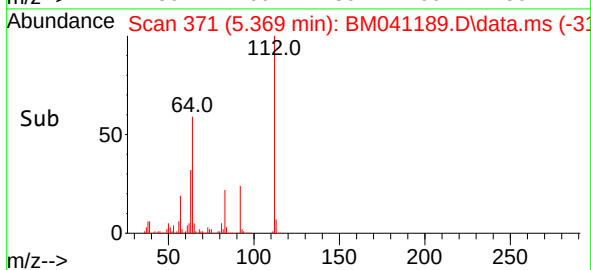
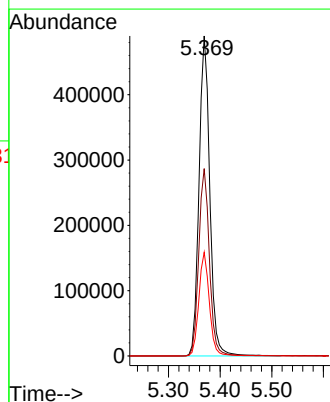
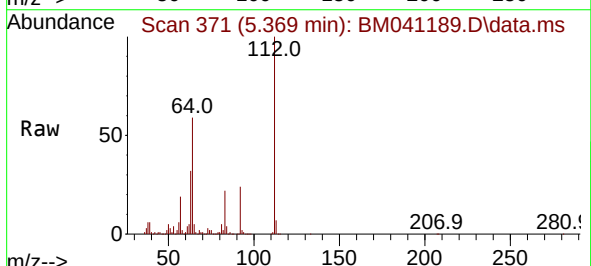
Instrument :
BNA_M
ClientSampleId :
DUP-02

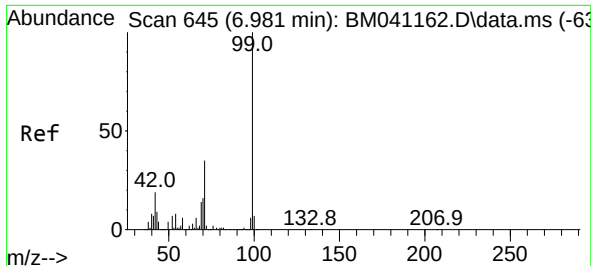
Tgt Ion:152 Resp: 161838
Ion Ratio Lower Upper
152 100
150 155.7 125.5 188.3
115 59.5 48.0 72.0



#5
2-Fluorophenol
Concen: 65.412 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041189.D
Acq: 31 Jul 2023 14:57

Tgt Ion:112 Resp: 708303
Ion Ratio Lower Upper
112 100
64 58.6 48.5 72.7
63 32.4 26.5 39.7

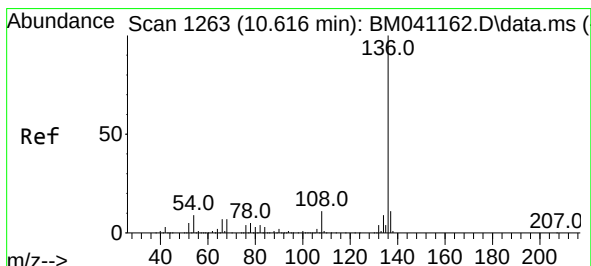
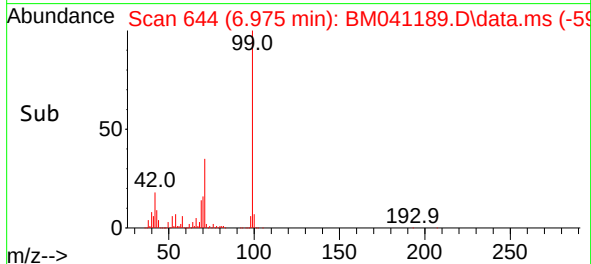
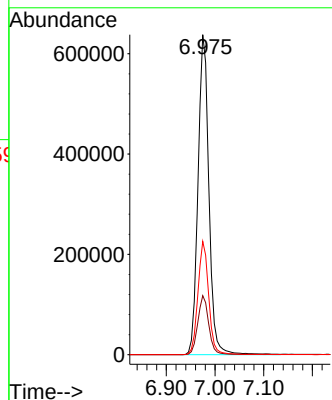
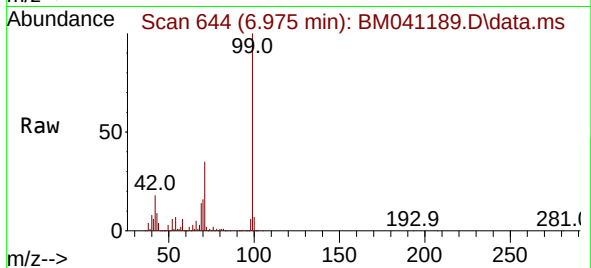




#7
Phenol-d6
Concen: 71.060 ng
RT: 6.975 min Scan# 64
Delta R.T. 0.000 min
Lab File: BM041189.D
Acq: 31 Jul 2023 14:57

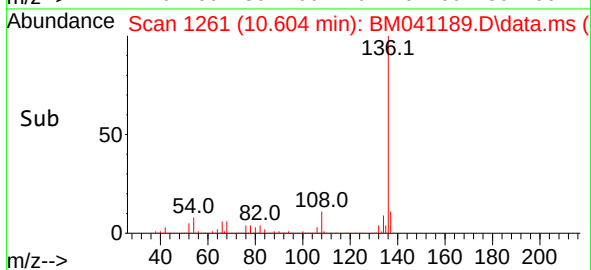
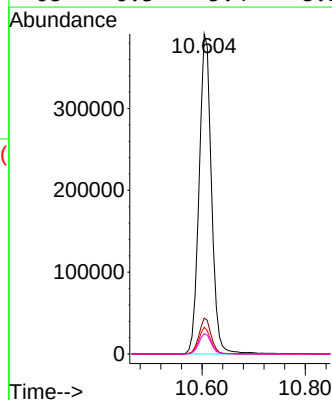
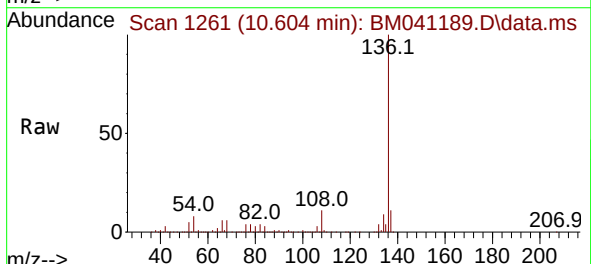
Instrument :
BNA_M
ClientSampleId :
DUP-02

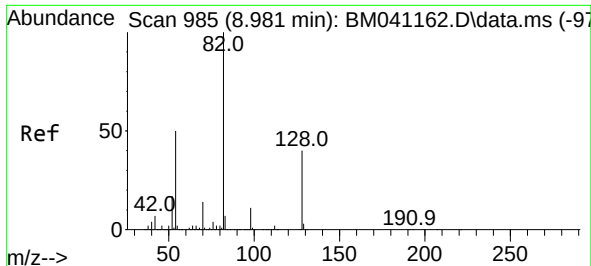
Tgt Ion: 99 Resp: 997398
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 35.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BM041189.D
Acq: 31 Jul 2023 14:57

Tgt Ion: 136 Resp: 648686
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.4 6.9 10.3
68 6.3 5.4 8.2

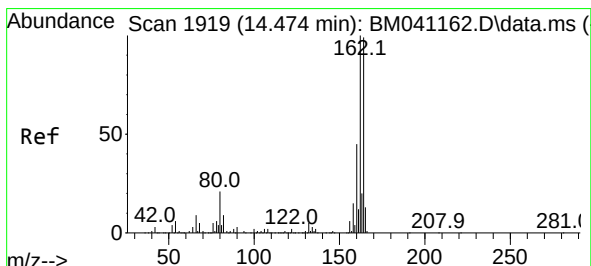
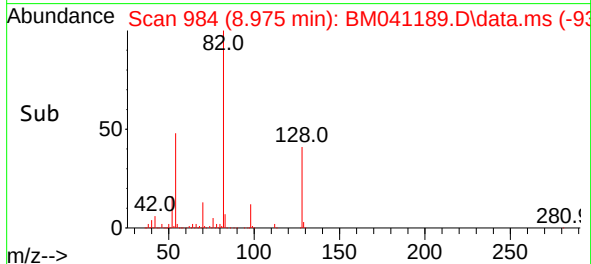
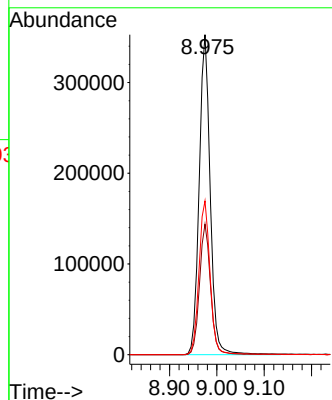
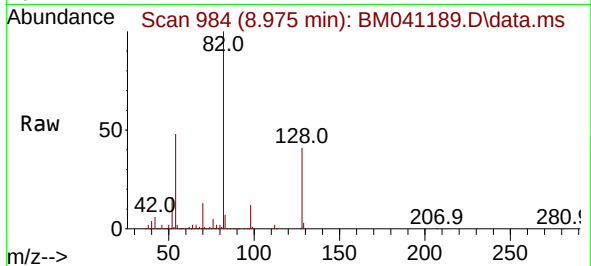




#23
Nitrobenzene-d5
Concen: 40.817 ng
RT: 8.975 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM041189.D
Acq: 31 Jul 2023 14:57

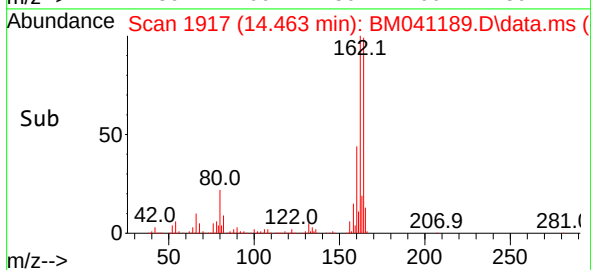
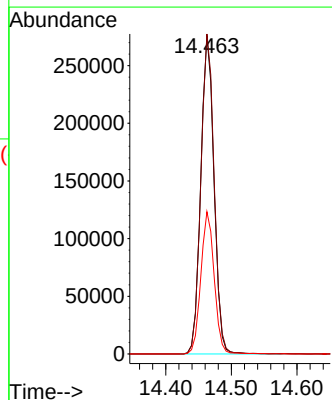
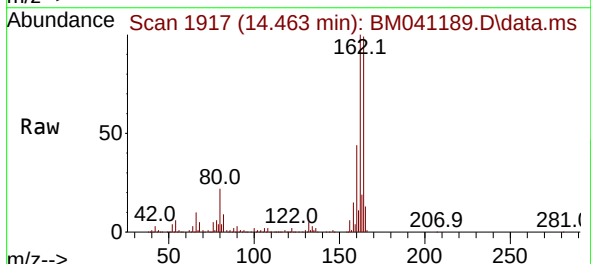
Instrument :
BNA_M
ClientSampleId :
DUP-02

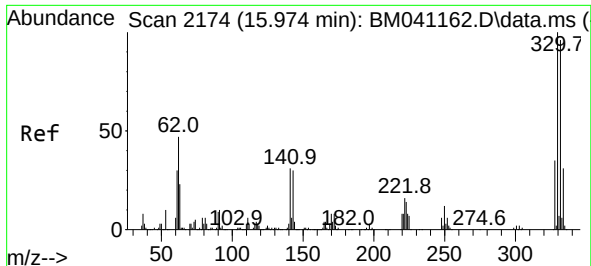
Tgt Ion: 82 Resp: 569352
Ion Ratio Lower Upper
82 100
128 40.8 31.8 47.6
54 48.0 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BM041189.D
Acq: 31 Jul 2023 14:57

Tgt Ion: 164 Resp: 387595
Ion Ratio Lower Upper
164 100
162 100.6 80.4 120.6
160 44.7 36.2 54.2

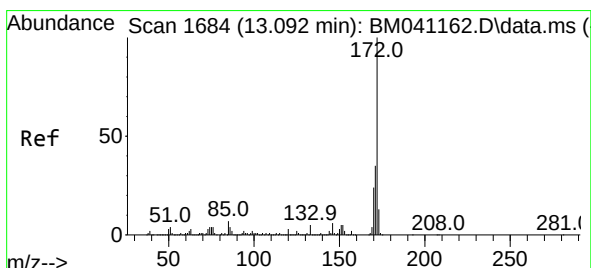
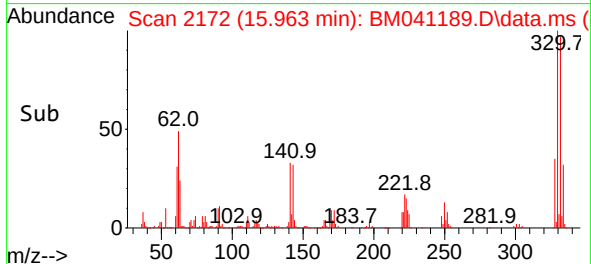
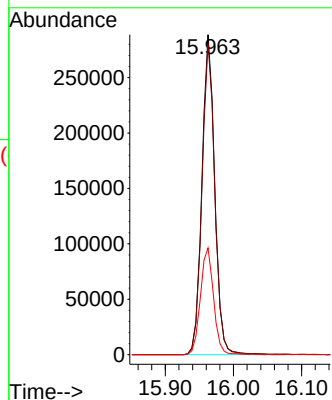
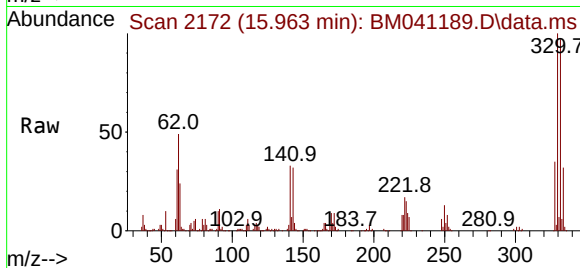




#42
2,4,6-Tribromophenol
Concen: 68.775 ng
RT: 15.963 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BM041189.D
Acq: 31 Jul 2023 14:57

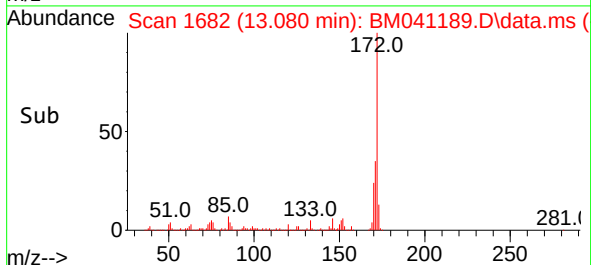
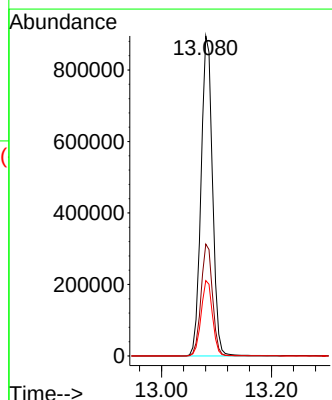
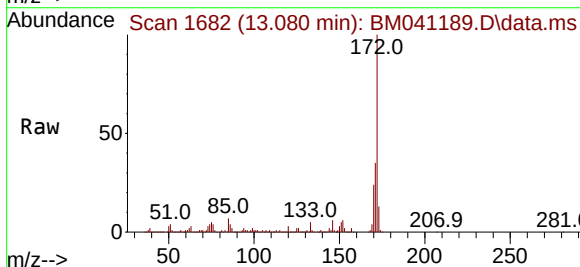
Instrument :
BNA_M
ClientSampleId :
DUP-02

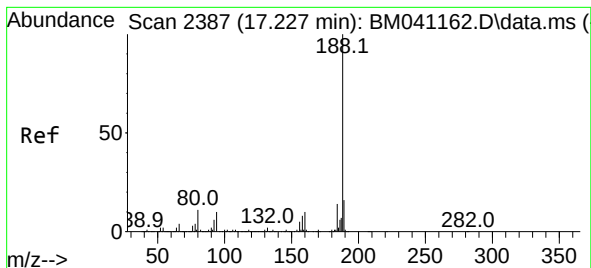
Tgt Ion:330 Resp: 377049
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 34.2 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 42.359 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM041189.D
Acq: 31 Jul 2023 14:57

Tgt Ion:172 Resp: 1299684
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.6 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: BM041189.D

Acq: 31 Jul 2023 14:57

Instrument :

BNA_M

ClientSampleId :

DUP-02

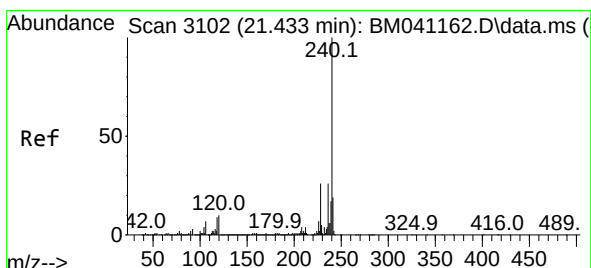
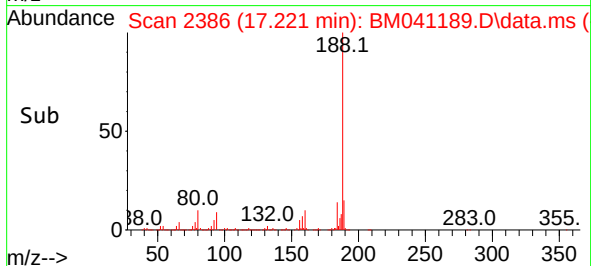
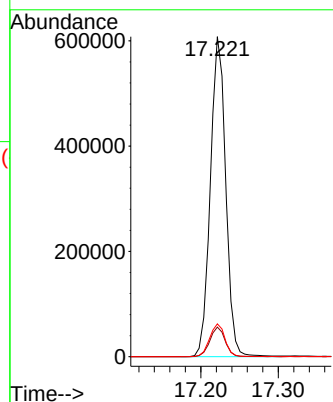
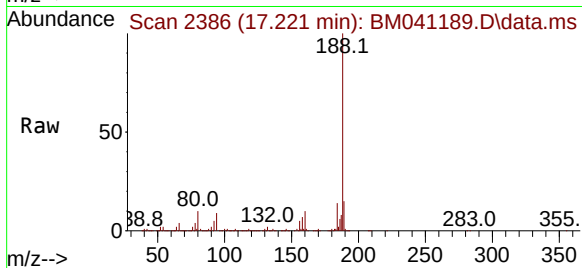
Tgt Ion:188 Resp: 839065

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

80 10.2 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: BM041189.D

Acq: 31 Jul 2023 14:57

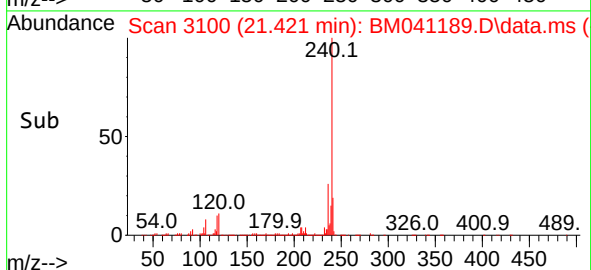
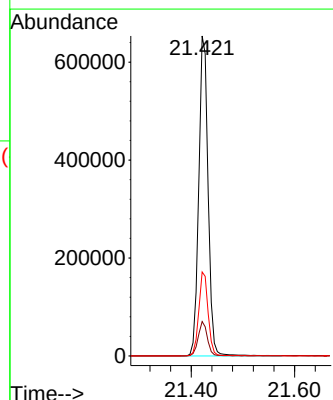
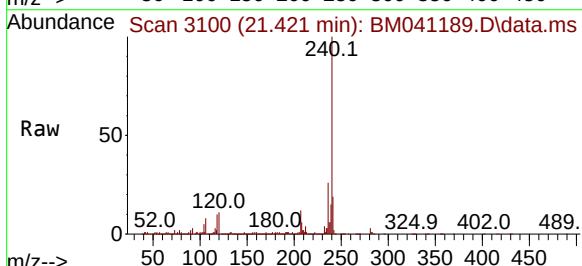
Tgt Ion:240 Resp: 818107

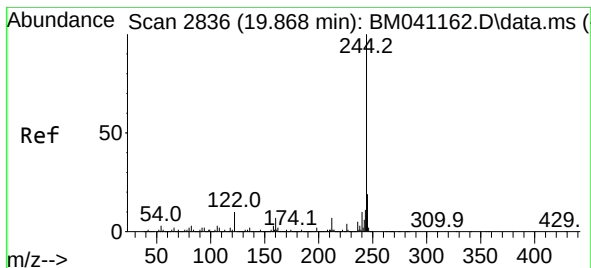
Ion Ratio Lower Upper

240 100

120 10.8 8.3 12.5

236 26.3 20.6 30.8





#79

Terphenyl-d14

Concen: 45.419 ng

RT: 19.856 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041189.D

Acq: 31 Jul 2023 14:57

Instrument :

BNA_M

ClientSampleId :

DUP-02

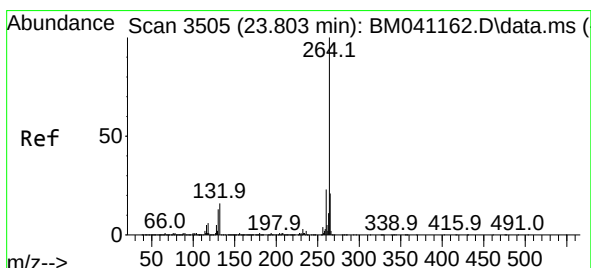
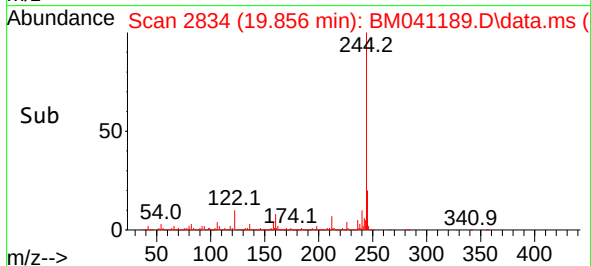
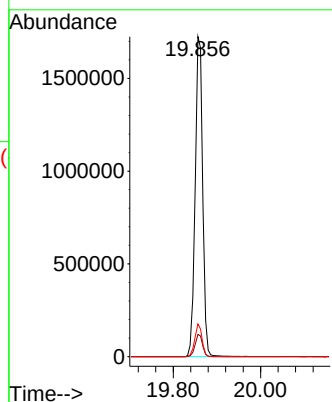
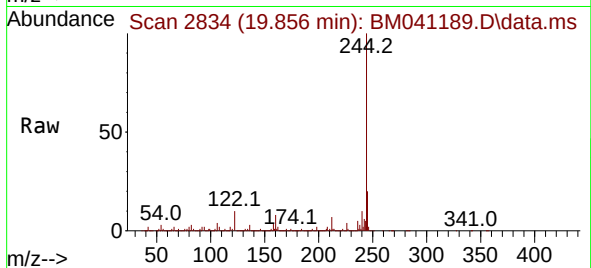
Tgt Ion:244 Resp: 2055123

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.3 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: BM041189.D

Acq: 31 Jul 2023 14:57

Tgt Ion:264 Resp: 929703

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 21.9 17.4 26.0

