

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080322\
 Data File : BM036079.D
 Acq On : 03 Aug 2022 15:46
 Operator : CG/JU
 Sample : N3998-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-4

Quant Time: Aug 04 01:30:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 17:50:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	220593	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	1028507	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	694207	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1531393	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1639751	20.000	ng	0.00
86) Perylene-d12	23.792	264	1840211	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1801853	132.428	ng	0.00
7) Phenol-d6	7.034	99	2435186	140.657	ng	0.00
23) Nitrobenzene-d5	9.034	82	1411613	76.828	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	1146734	140.808	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	3526637	75.006	ng	0.00
79) Terphenyl-d14	19.874	244	6289214	75.652	ng	0.00

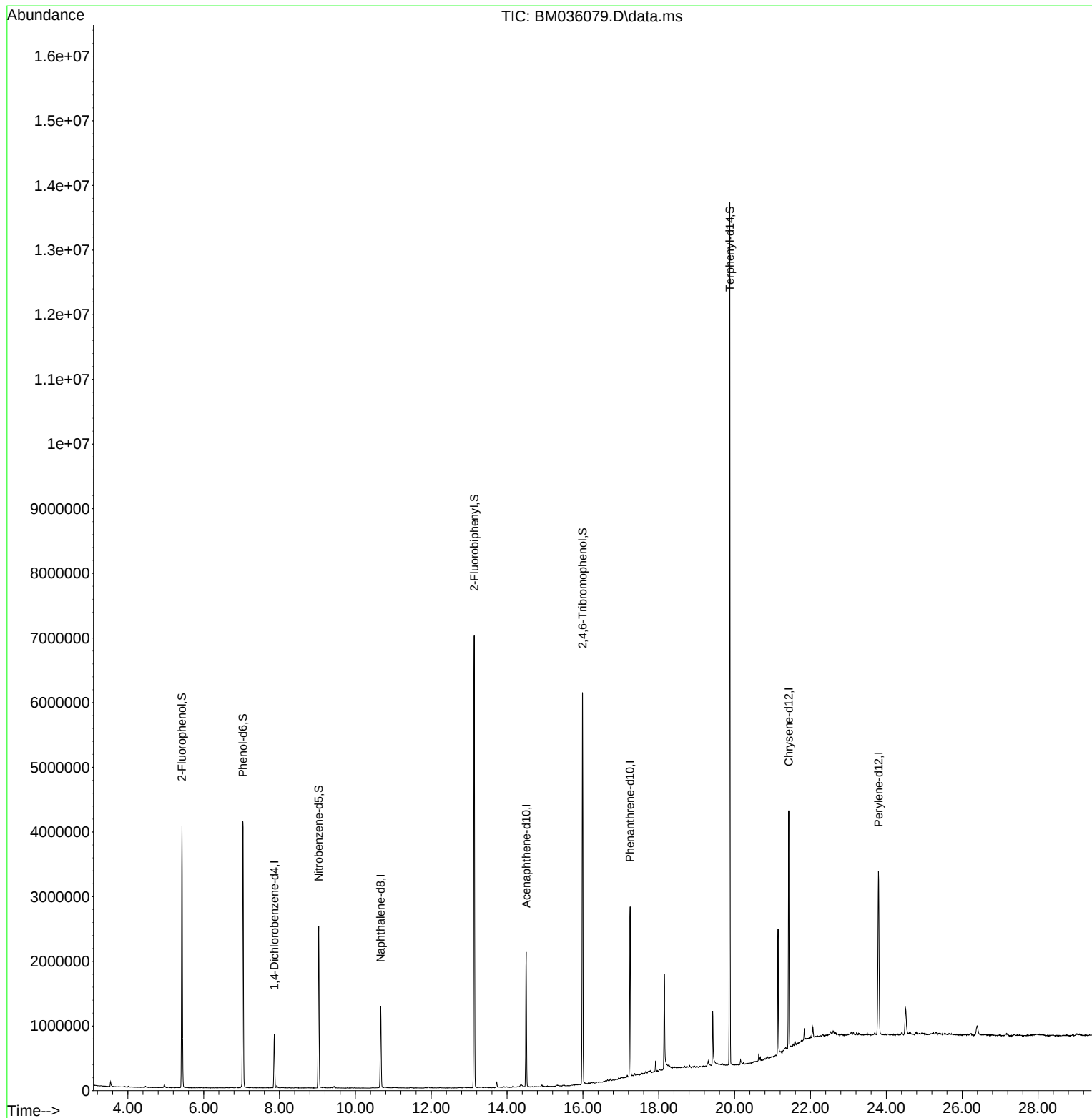
Target Compounds	Qvalue

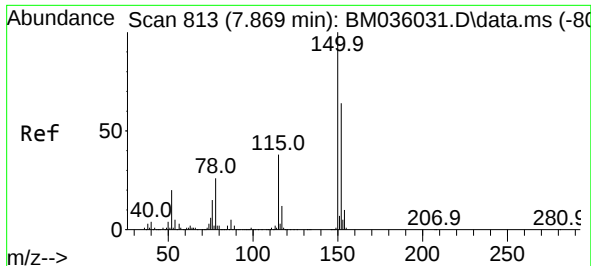
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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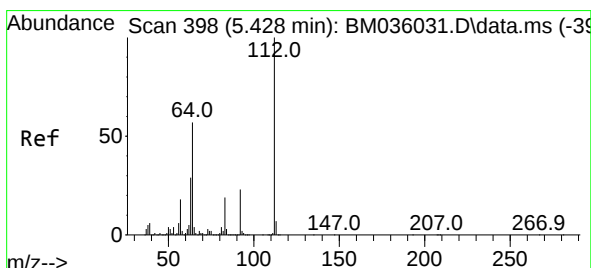
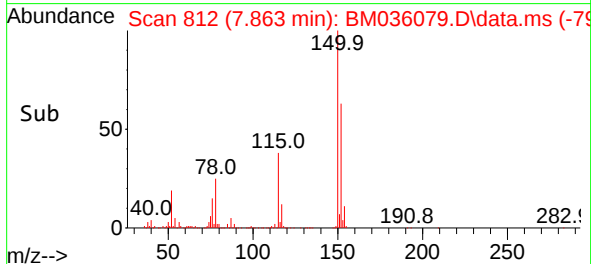
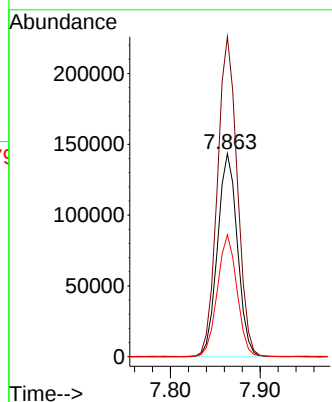
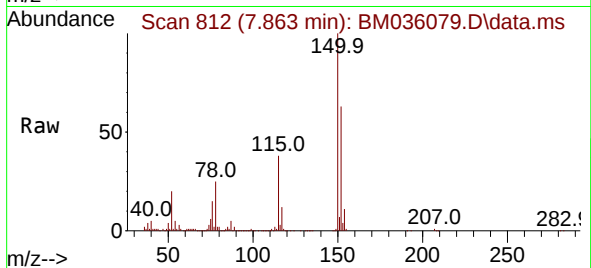




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM036079.D
Acq: 03 Aug 2022 15:46

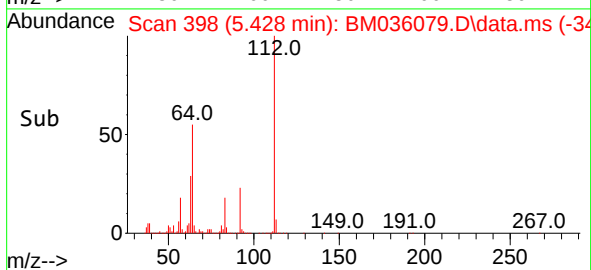
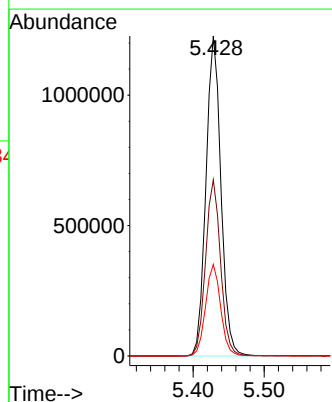
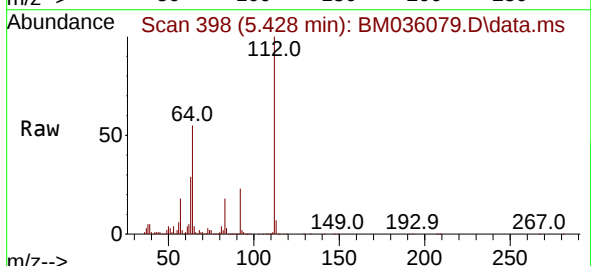
Instrument :
BNA_M
ClientSampleId :
SB-4

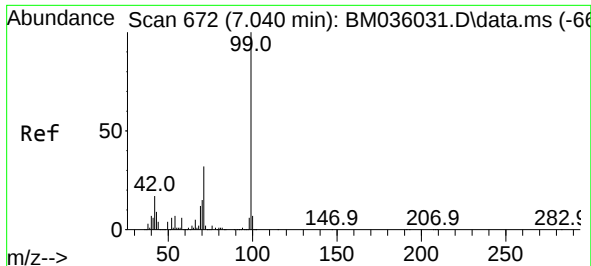
Tgt Ion:152 Resp: 220593
Ion Ratio Lower Upper
152 100
150 157.6 124.9 187.3
115 60.1 47.9 71.9



#5
2-Fluorophenol
Concen: 132.428 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.000 min
Lab File: BM036079.D
Acq: 03 Aug 2022 15:46

Tgt Ion:112 Resp: 1801853
Ion Ratio Lower Upper
112 100
64 55.0 47.8 71.6
63 28.6 26.6 40.0

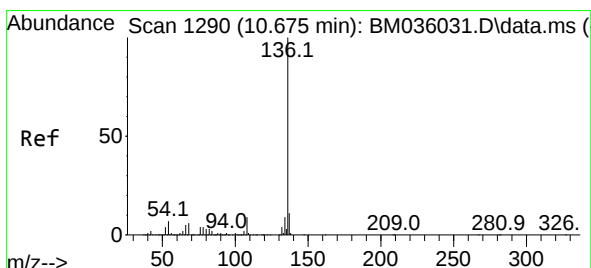
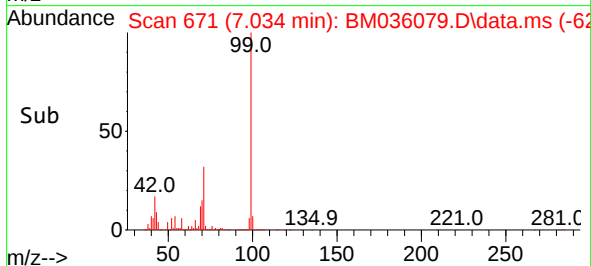
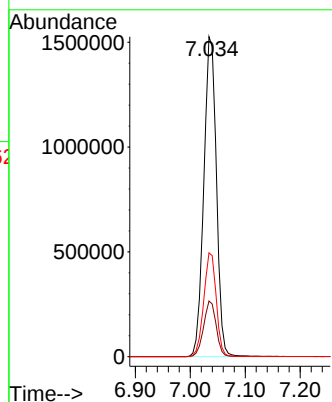
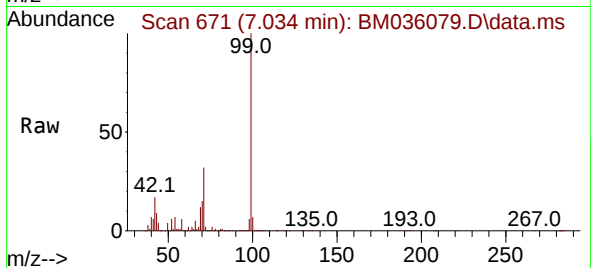




#7
Phenol-d6
Concen: 140.657 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036079.D
Acq: 03 Aug 2022 15:46

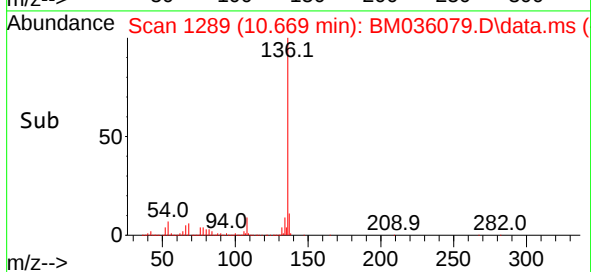
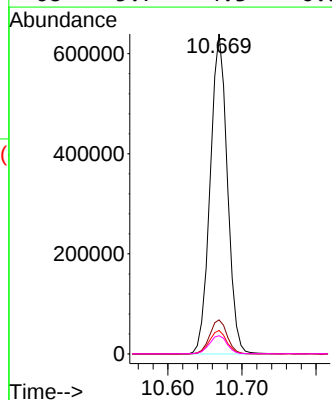
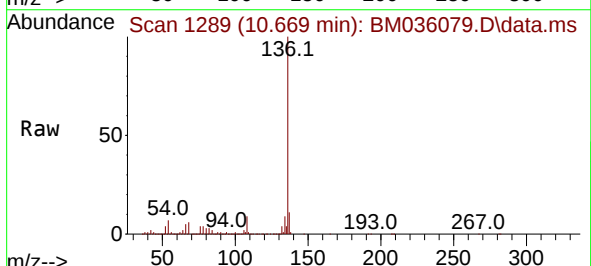
Instrument :
BNA_M
ClientSampleId :
SB-4

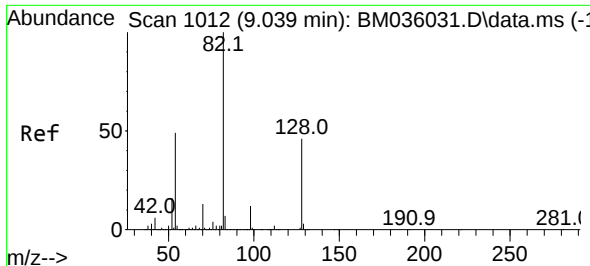
Tgt Ion: 99 Resp: 2435186
Ion Ratio Lower Upper
99 100
42 17.4 18.8 28.2#
71 32.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM036079.D
Acq: 03 Aug 2022 15:46

Tgt Ion: 136 Resp: 1028507
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.4 7.0 10.4
68 5.7 4.3 6.5

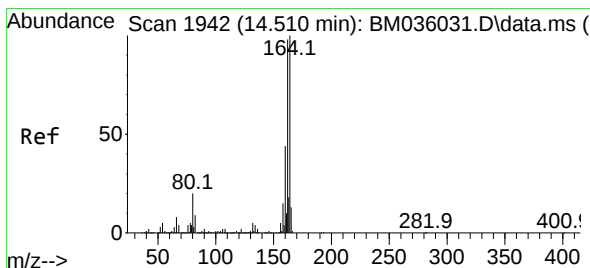
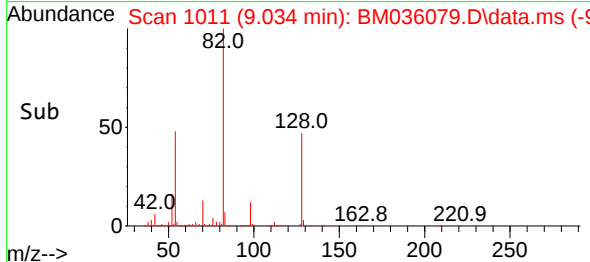
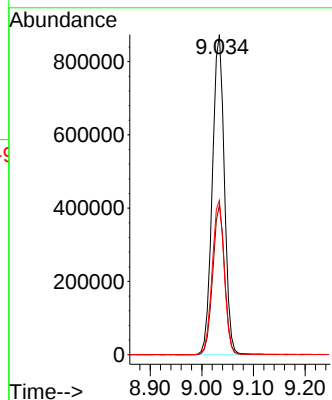
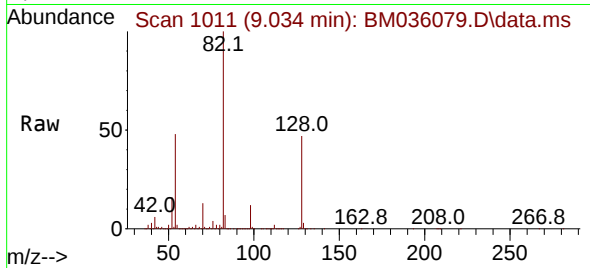




#23
Nitrobenzene-d5
Concen: 76.828 ng
RT: 9.034 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM036079.D
Acq: 03 Aug 2022 15:46

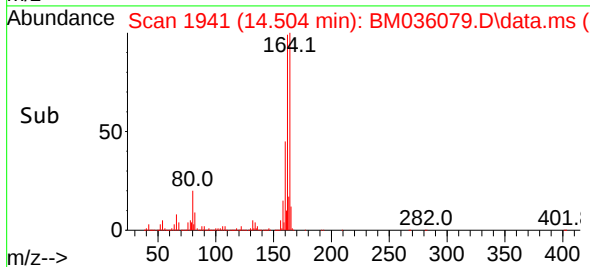
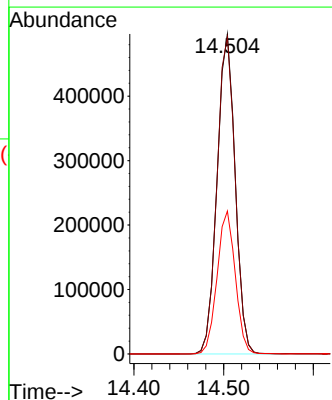
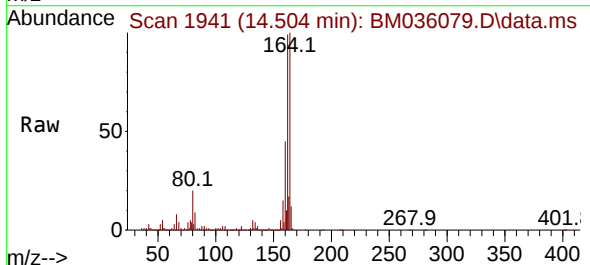
Instrument :
BNA_M
ClientSampleId :
SB-4

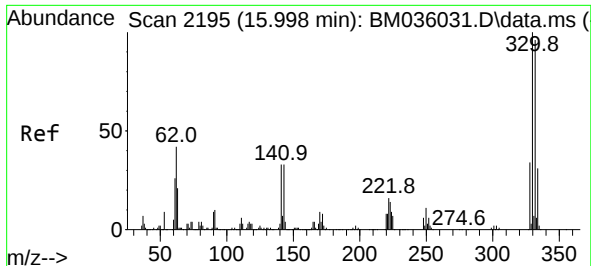
Tgt Ion: 82 Resp: 1411613
Ion Ratio Lower Upper
82 100
128 46.6 33.7 50.5
54 48.2 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BM036079.D
Acq: 03 Aug 2022 15:46

Tgt Ion: 164 Resp: 694207
Ion Ratio Lower Upper
164 100
162 99.1 83.0 124.6
160 44.7 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 140.808 ng

RT: 15.992 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BM036079.D

Acq: 03 Aug 2022 15:46

Instrument :

BNA_M

ClientSampleId :

SB-4

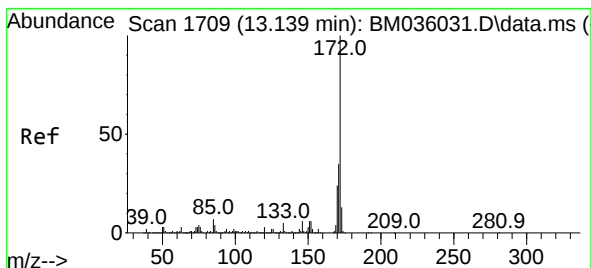
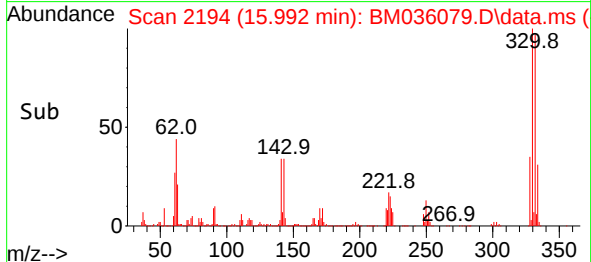
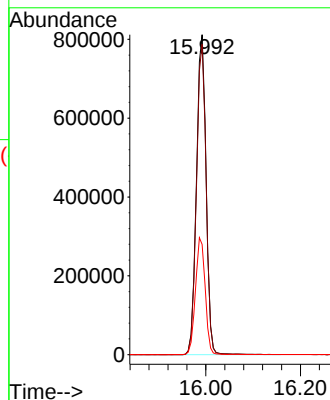
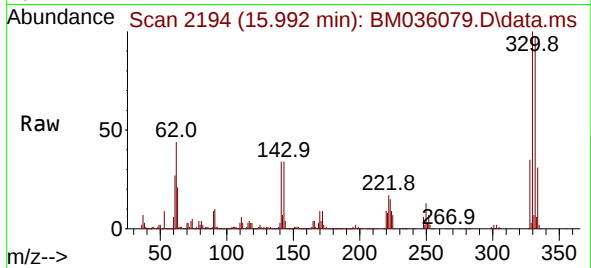
Tgt Ion:330 Resp: 1146734

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.4

141 37.1 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 75.006 ng

RT: 13.134 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BM036079.D

Acq: 03 Aug 2022 15:46

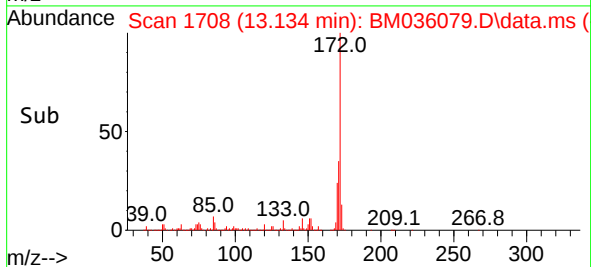
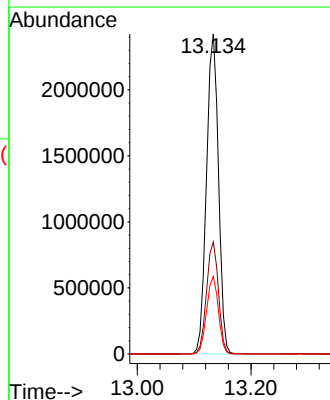
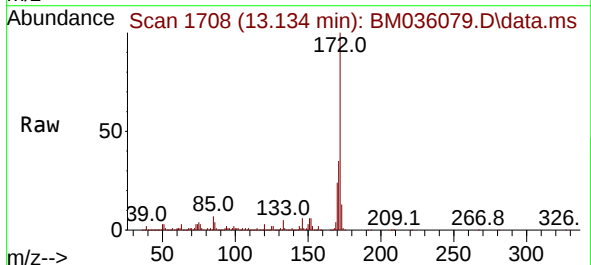
Tgt Ion:172 Resp: 3526637

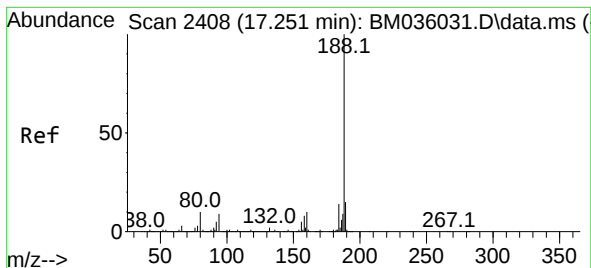
Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

170 24.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.245 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BM036079.D

Acq: 03 Aug 2022 15:46

Instrument :

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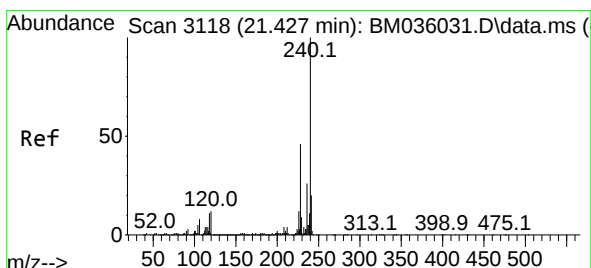
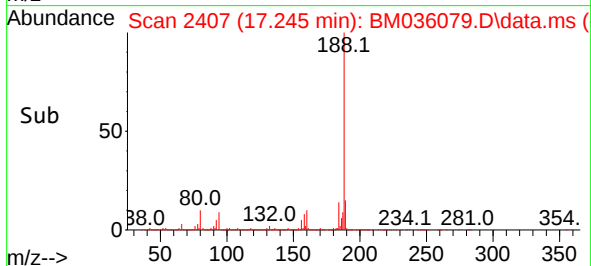
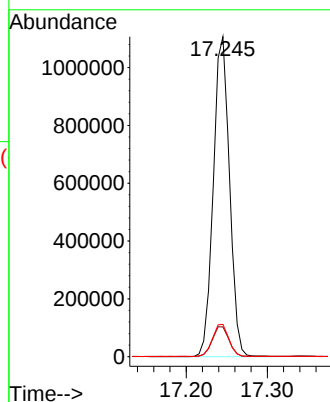
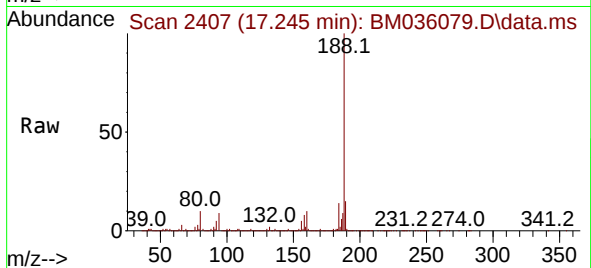
Tgt Ion:188 Resp: 1531393

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

80 10.1 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BM036079.D

Acq: 03 Aug 2022 15:46

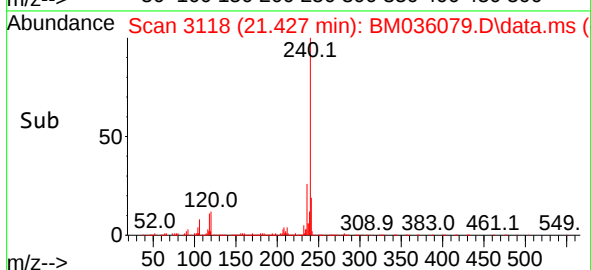
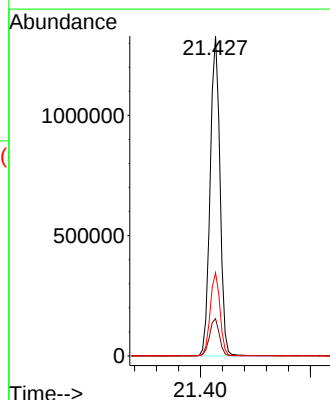
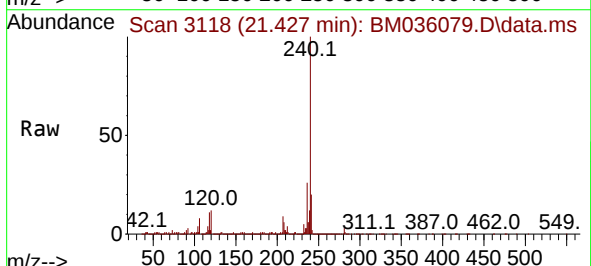
Tgt Ion:240 Resp: 1639751

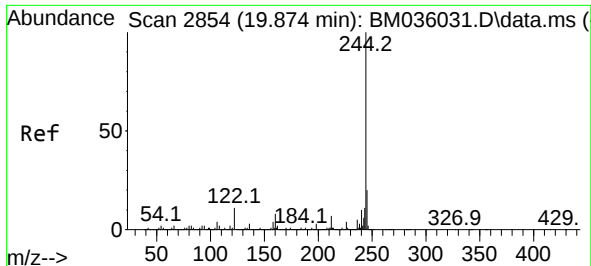
Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.0

236 26.0 20.6 30.8

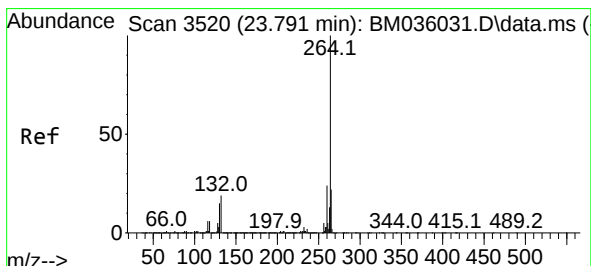
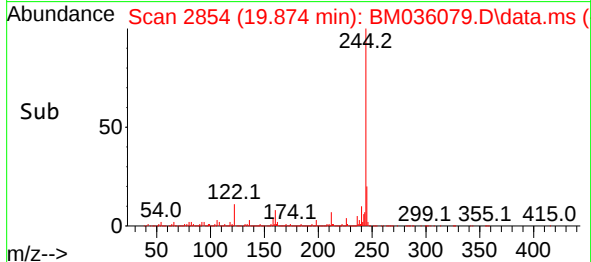
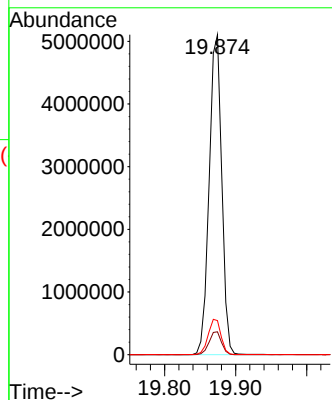
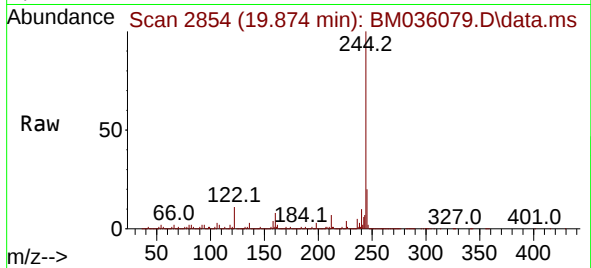




#79
 Terphenyl-d14
 Concen: 75.652 ng
 RT: 19.874 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM036079.D
 Acq: 03 Aug 2022 15:46

Instrument :
 BNA_M
 ClientSampleId :
 SB-4

Tgt Ion:244 Resp: 6289214
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 10.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.792 min Scan# 3520
 Delta R.T. 0.000 min
 Lab File: BM036079.D
 Acq: 03 Aug 2022 15:46

Tgt Ion:264 Resp: 1840211
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 22.3 17.5 26.3

