

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080922\
 Data File : BM036173.D
 Acq On : 09 Aug 2022 13:45
 Operator : CG/JU
 Sample : N3962-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-197

Quant Time: Aug 10 03:32:56 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 08 23:36:56 2022
 Response via : Initial Calibration

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

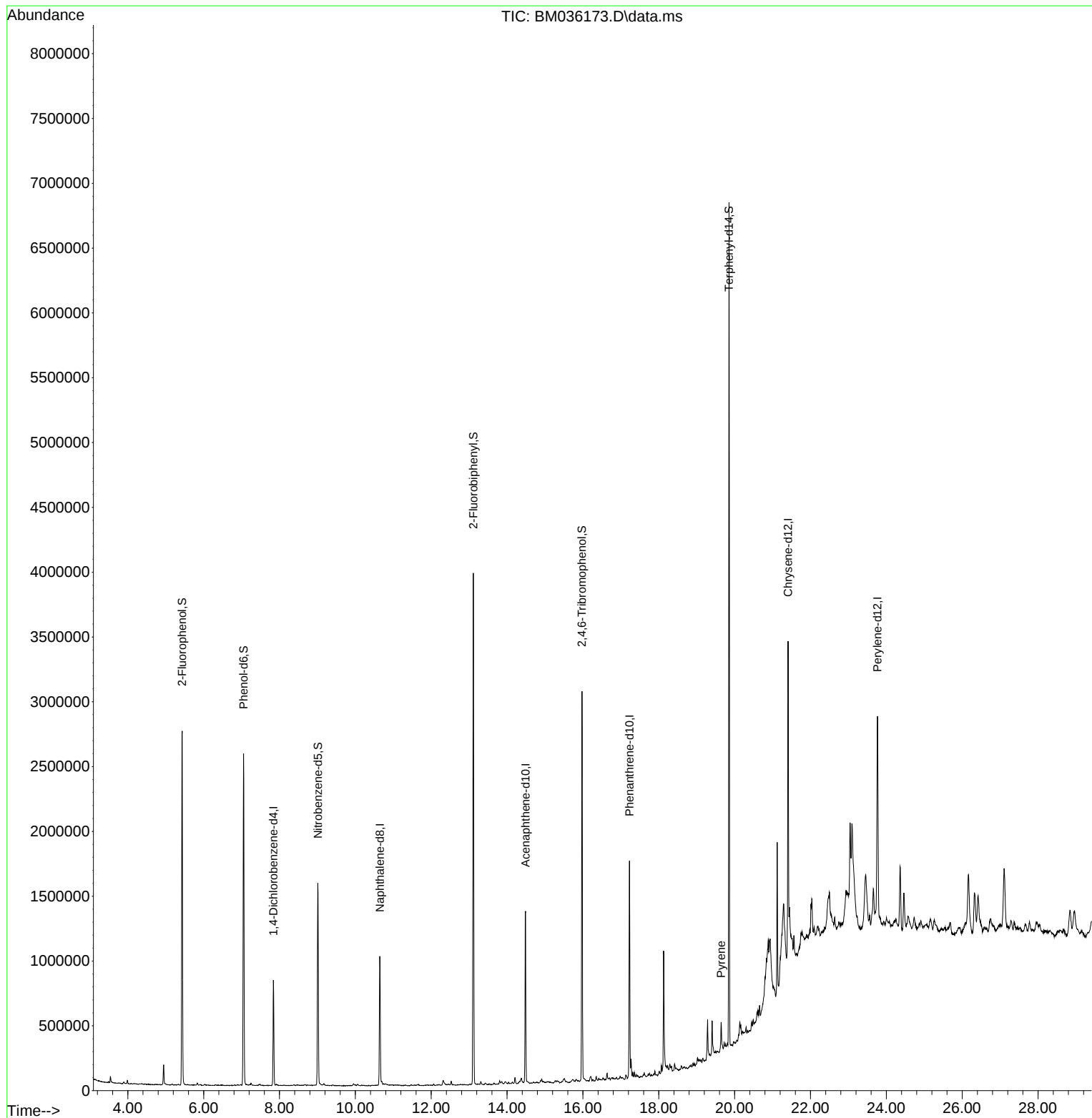
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	218041	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	829090	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	463039	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	948703	20.000	ng	0.00
76) Chrysene-d12	21.409	240	1009852	20.000	ng	-0.01
86) Perylene-d12	23.768	264	1111363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1226320	91.184	ng	0.00
7) Phenol-d6	7.051	99	1470433	85.926	ng	-0.01
23) Nitrobenzene-d5	9.010	82	895876	60.486	ng	-0.01
42) 2,4,6-Tribromophenol	15.974	330	531134	97.778	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	1898062	60.523	ng	-0.01
79) Terphenyl-d14	19.850	244	3045453	59.484	ng	-0.01
Target Compounds						
78) Pyrene	19.645	202	133968	2.139	ng	99

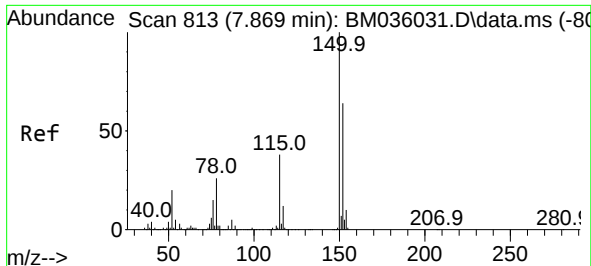
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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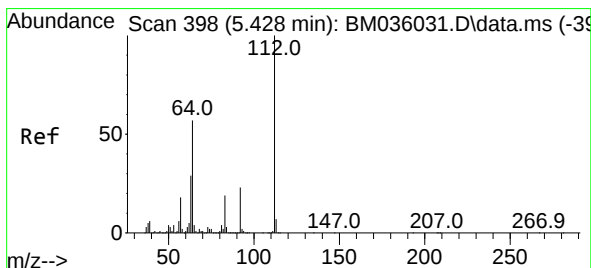
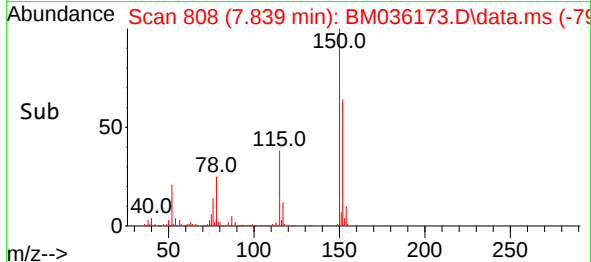
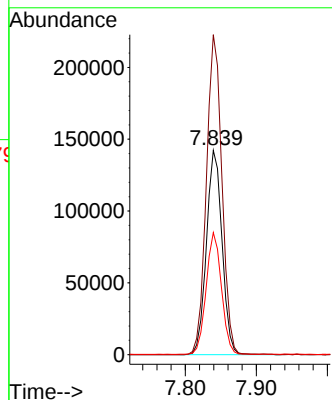
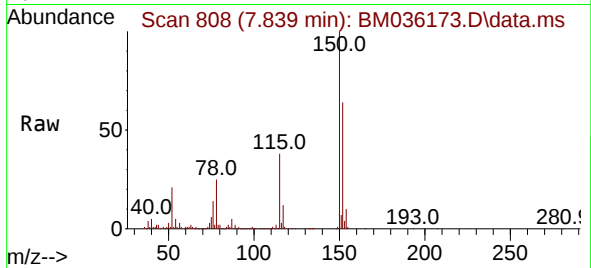




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BM036173.D
Acq: 09 Aug 2022 13:45

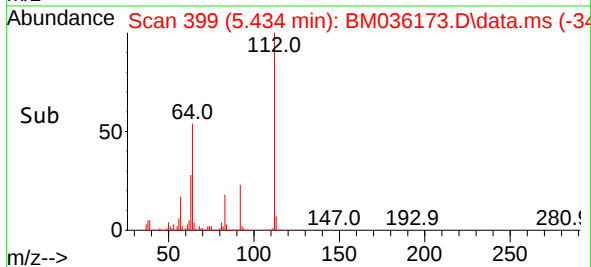
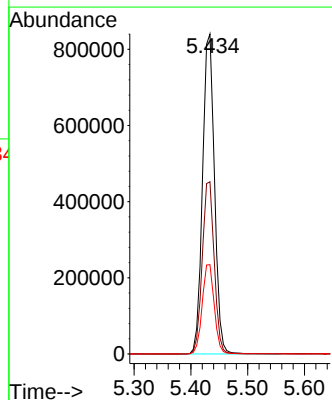
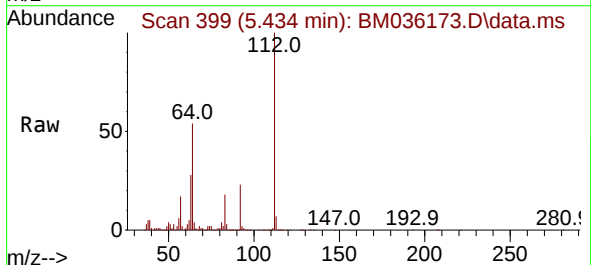
Instrument :
BNA_M
ClientSampleId :
RVE-197

Tgt Ion:152 Resp: 218041
Ion Ratio Lower Upper
152 100
150 156.6 124.9 187.3
115 59.7 47.9 71.9



#5
2-Fluorophenol
Concen: 91.184 ng
RT: 5.434 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM036173.D
Acq: 09 Aug 2022 13:45

Tgt Ion:112 Resp: 1226320
Ion Ratio Lower Upper
112 100
64 53.8 47.8 71.6
63 27.9 26.6 40.0

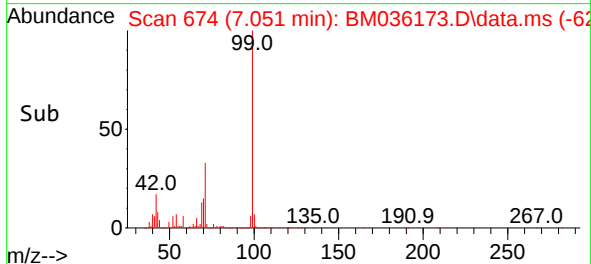
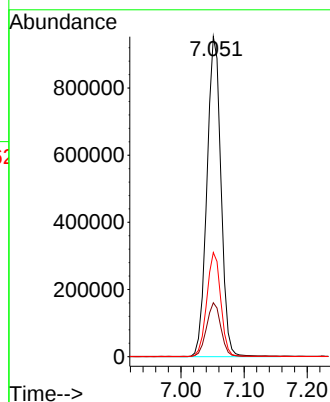
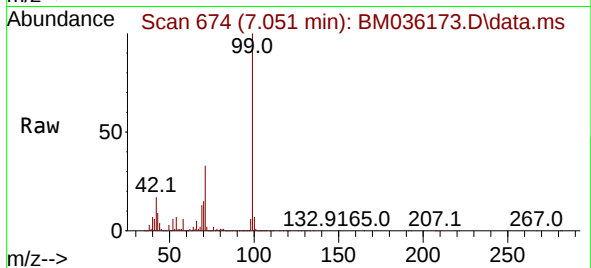




#7
Phenol-d6
Concen: 85.926 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM036173.D
Acq: 09 Aug 2022 13:45

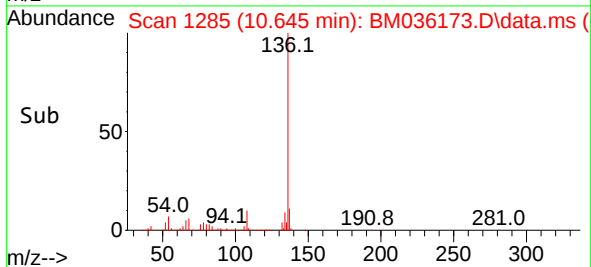
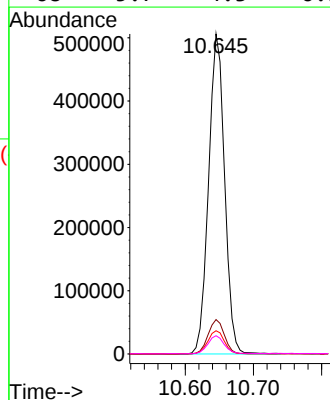
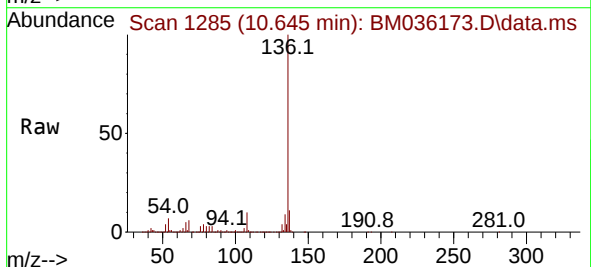
Instrument :
BNA_M
ClientSampleId :
RVE-197

Tgt Ion: 99 Resp: 1470433
Ion Ratio Lower Upper
99 100
42 16.9 18.8 28.2#
71 32.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM036173.D
Acq: 09 Aug 2022 13:45

Tgt Ion:136 Resp: 829090
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.3 7.0 10.4
68 5.7 4.3 6.5

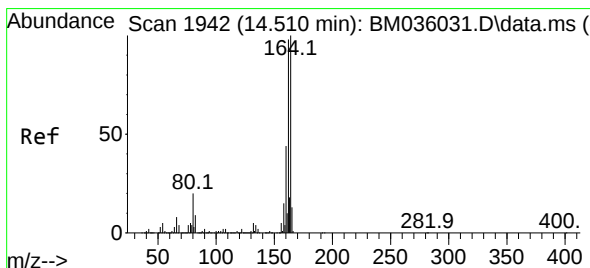
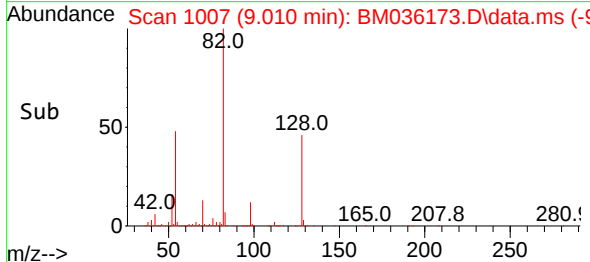
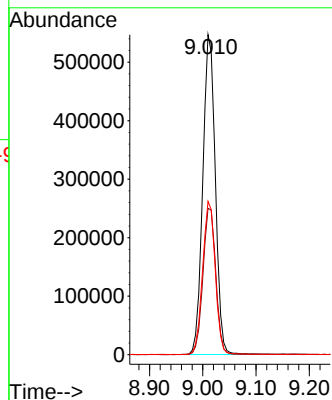
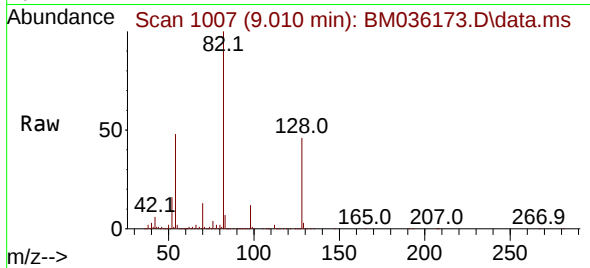




#23
Nitrobenzene-d5
Concen: 60.486 ng
RT: 9.010 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BM036173.D
Acq: 09 Aug 2022 13:45

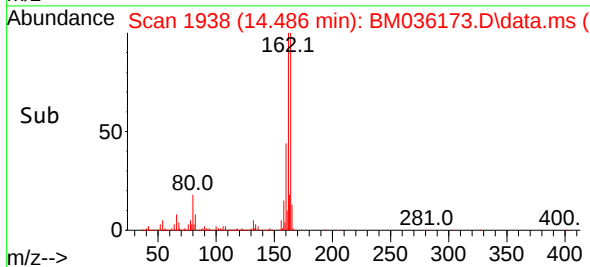
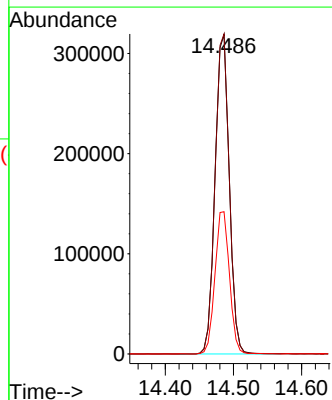
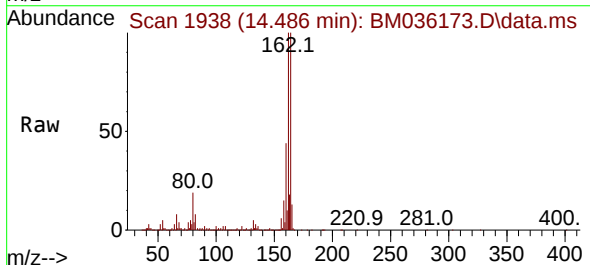
Instrument :
BNA_M
ClientSampleId :
RVE-197

Tgt Ion: 82 Resp: 895876
Ion Ratio Lower Upper
82 100
128 45.8 33.7 50.5
54 47.9 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM036173.D
Acq: 09 Aug 2022 13:45

Tgt Ion:164 Resp: 463039
Ion Ratio Lower Upper
164 100
162 100.3 83.0 124.6
160 44.5 37.0 55.4

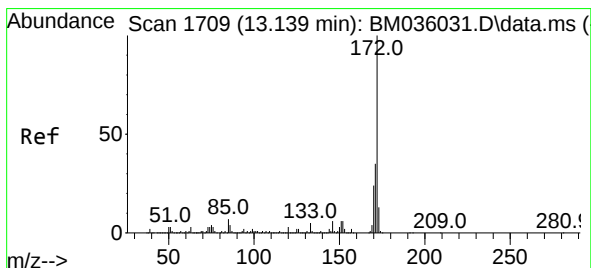
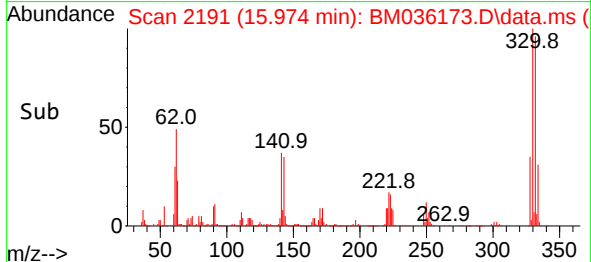
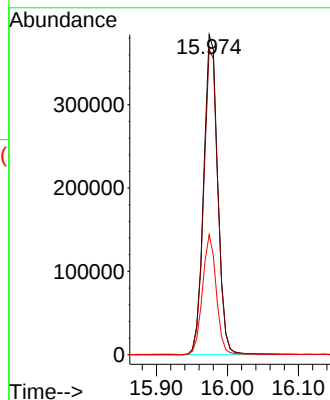
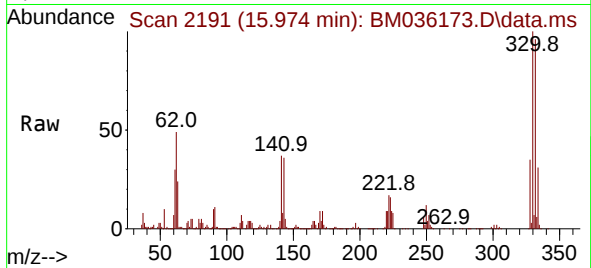




#42
2,4,6-Tribromophenol
Concen: 97.778 ng
RT: 15.974 min Scan# 2191
Delta R.T. -0.012 min
Lab File: BM036173.D
Acq: 09 Aug 2022 13:45

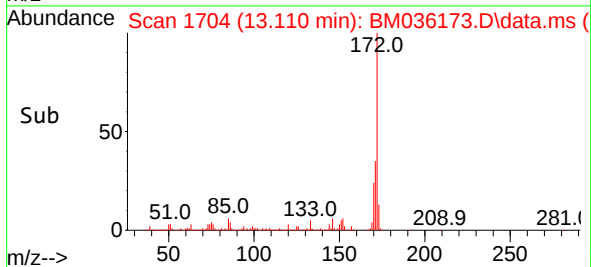
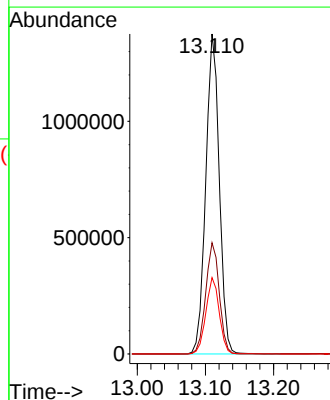
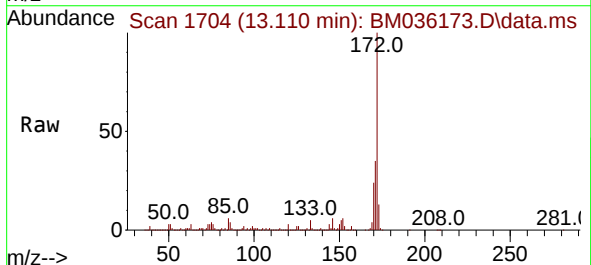
Instrument :
BNA_M
ClientSampleId :
RVE-197

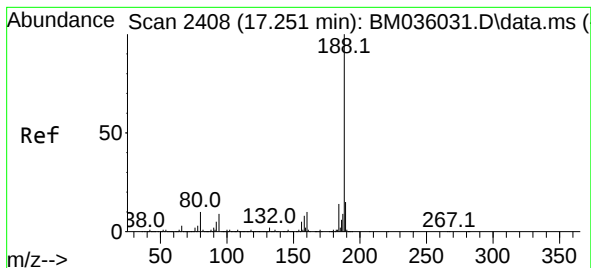
Tgt Ion:330 Resp: 531134
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 36.5 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 60.523 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.012 min
Lab File: BM036173.D
Acq: 09 Aug 2022 13:45

Tgt Ion:172 Resp: 1898062
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 2404

Delta R.T. -0.006 min

Lab File: BM036173.D

Acq: 09 Aug 2022 13:45

Instrument :

BNA_M

ClientSampleId :

RVE-197

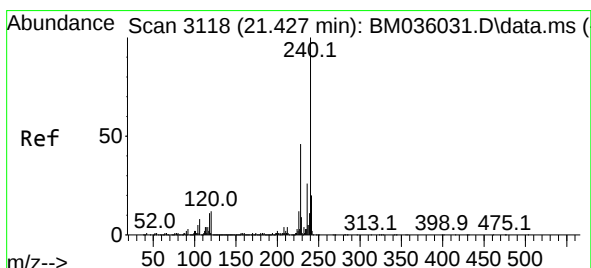
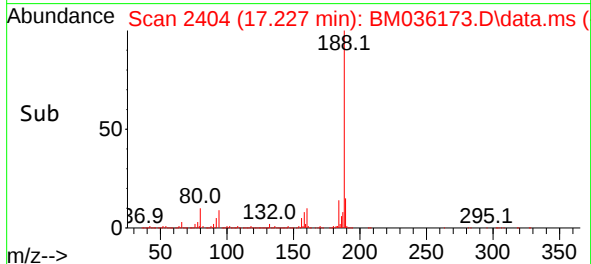
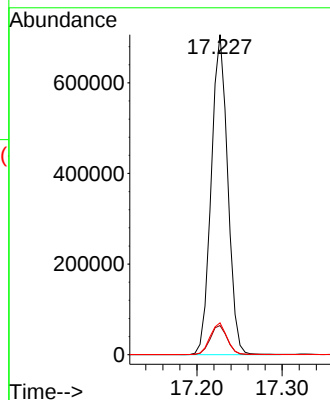
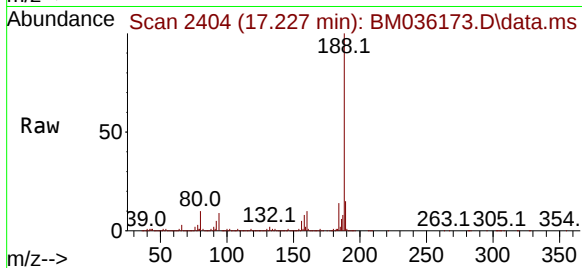
Tgt Ion:188 Resp: 948703

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

80 10.0 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.409 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BM036173.D

Acq: 09 Aug 2022 13:45

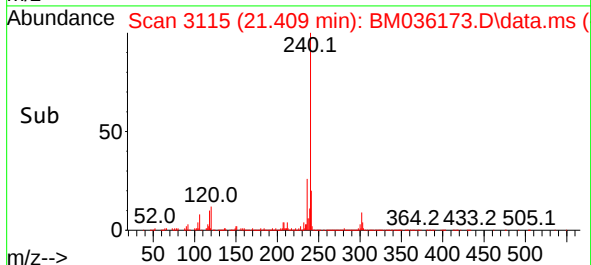
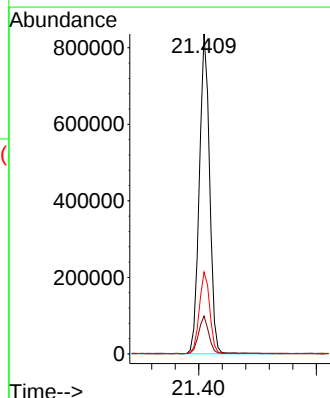
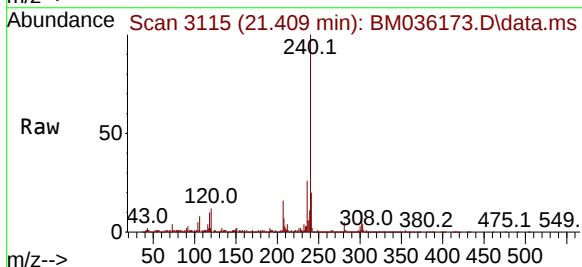
Tgt Ion:240 Resp: 1009852

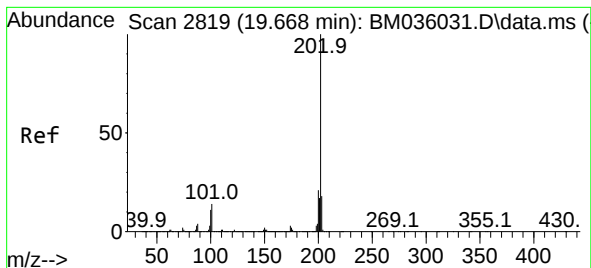
Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.0

236 25.6 20.6 30.8





#78

Pyrene

Concen: 2.139 ng

RT: 19.645 min Scan# 2

Delta R.T. -0.012 min

Lab File: BM036173.D

Acq: 09 Aug 2022 13:45

Instrument :

BNA_M

ClientSampleId :

RVE-197

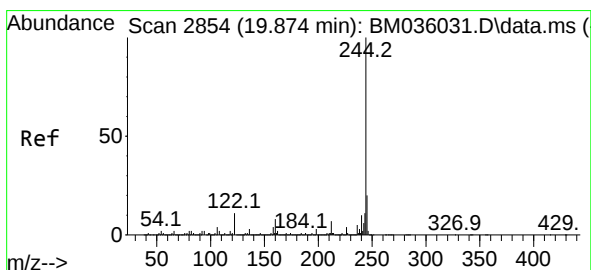
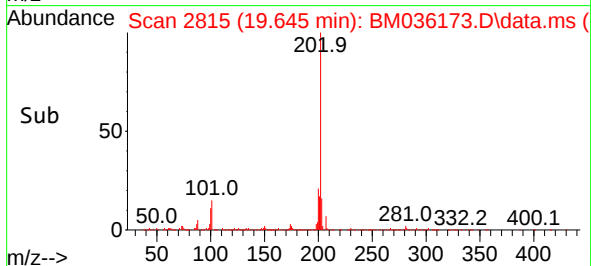
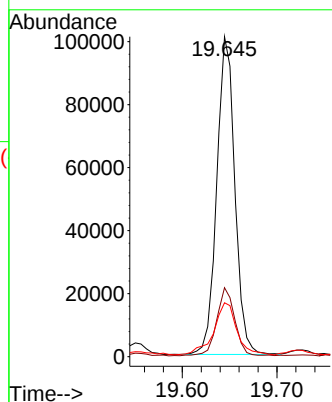
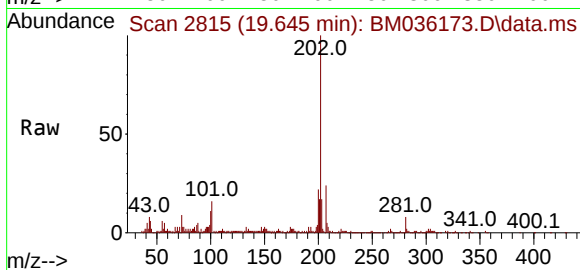
Tgt Ion:202 Resp: 133968

Ion Ratio Lower Upper

202 100

200 21.6 16.7 25.1

203 16.8 13.9 20.9



#79

Terphenyl-d14

Concen: 59.484 ng

RT: 19.850 min Scan# 2850

Delta R.T. -0.012 min

Lab File: BM036173.D

Acq: 09 Aug 2022 13:45

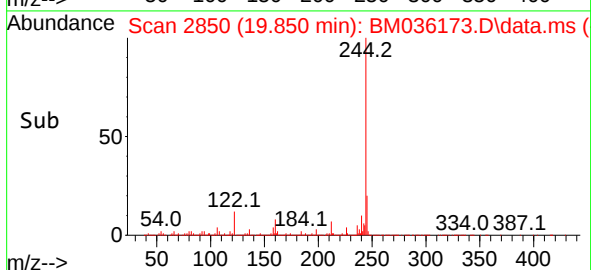
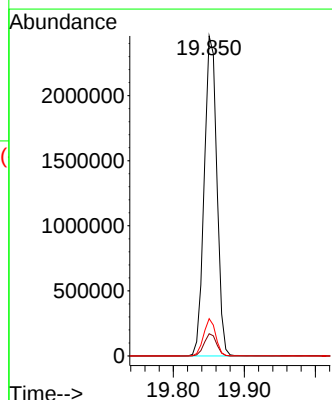
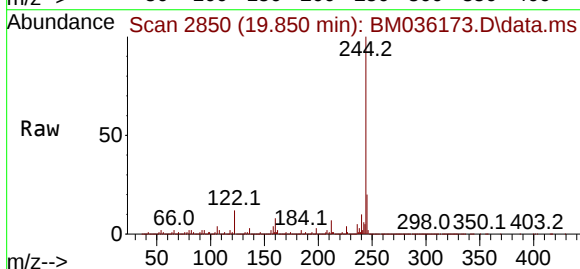
Tgt Ion:244 Resp: 3045453

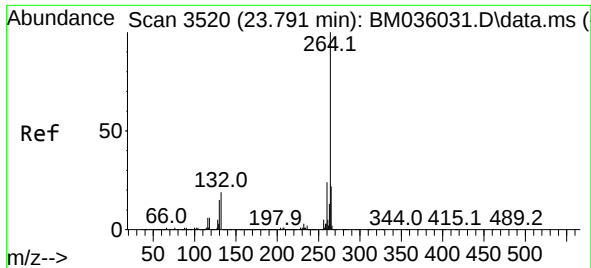
Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.4

122 11.7 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036173.D
Acq: 09 Aug 2022 13:45

Instrument :
BNA_M
ClientSampleId :
RVE-197

Tgt Ion:264 Resp: 1111363

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.8	17.5	26.3

