

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
 Data File : BM036195.D
 Acq On : 10 Aug 2022 16:54
 Operator : CG/JU
 Sample : N3971-24
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COP-1R

Quant Time: Aug 10 22:26:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 22:19:26 2022
 Response via : Initial Calibration

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

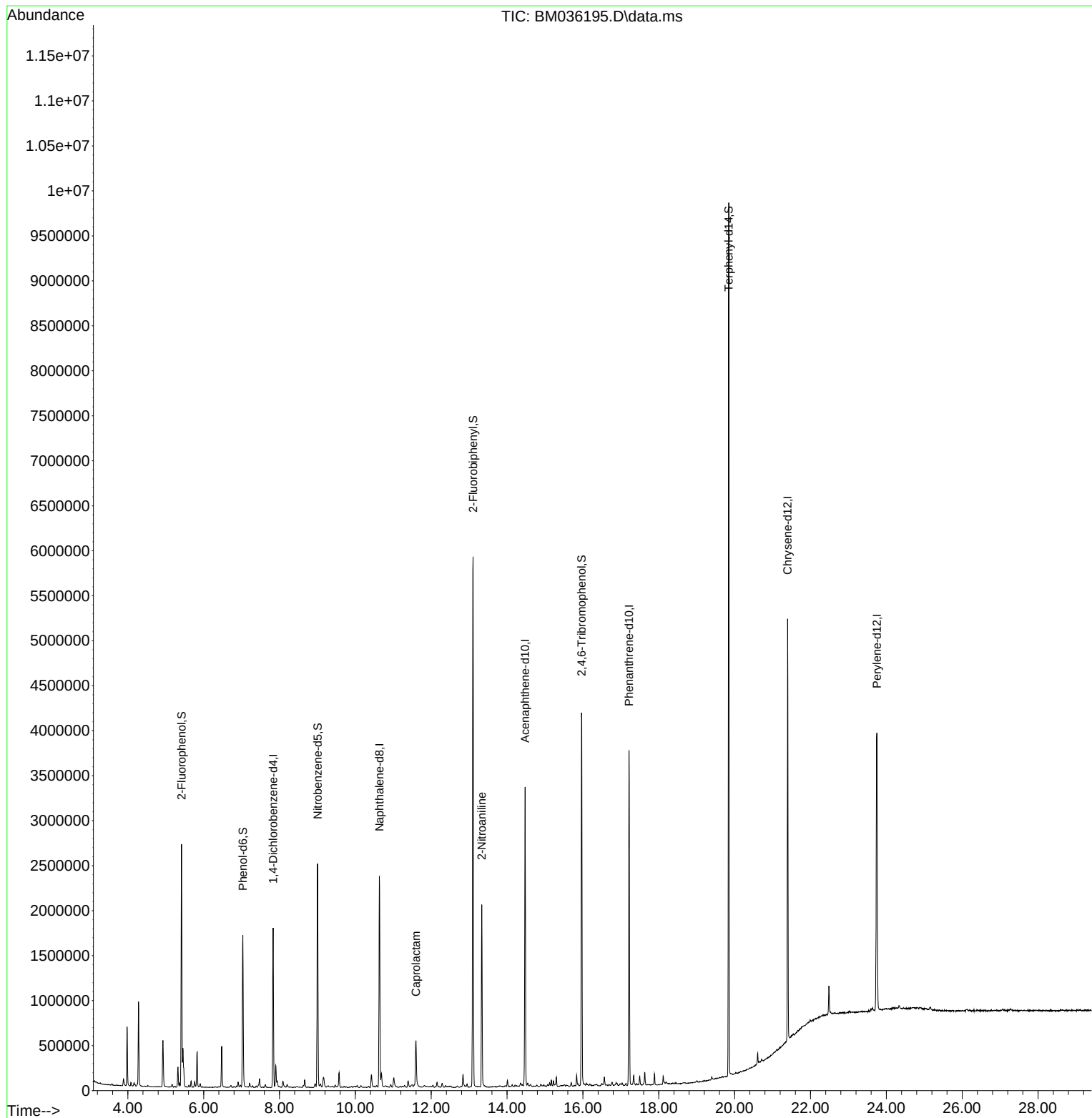
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	481200	20.000	ng	0.00
21) Naphthalene-d8	10.633	136	1961873	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	1105049	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	2153864	20.000	ng	0.00
76) Chrysene-d12	21.397	240	2088092	20.000	ng	0.00
86) Perylene-d12	23.750	264	2244994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1141511	38.460	ng	0.00
7) Phenol-d6	7.034	99	964524	25.539	ng	0.00
23) Nitrobenzene-d5	9.004	82	1400924	39.972	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	761496	58.741	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	2993240	39.993	ng	0.00
79) Terphenyl-d14	19.844	244	4412918	41.685	ng	0.00
Target Compounds						
35) Caprolactam	11.598	113	107647	12.909	ng	Qvalue 96
48) 2-Nitroaniline	13.333	65	49318	2.936	ng	# 15

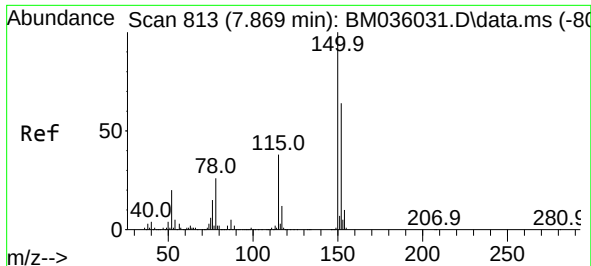
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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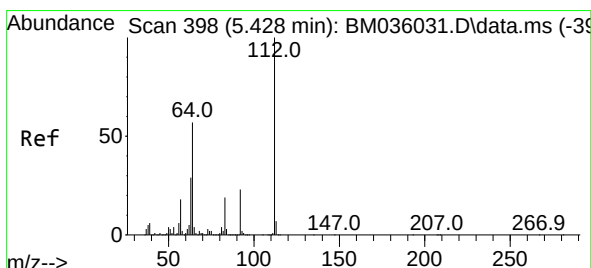
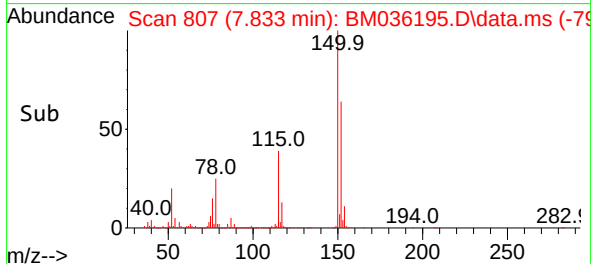
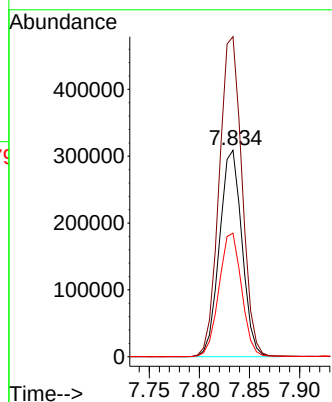
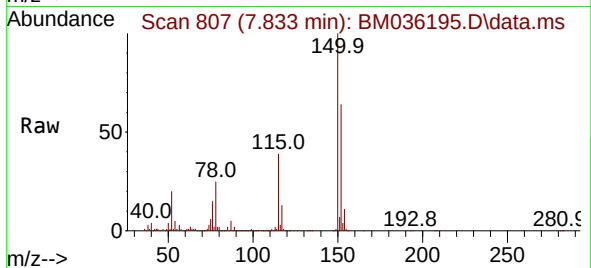




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.833 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM036195.D
Acq: 10 Aug 2022 16:54

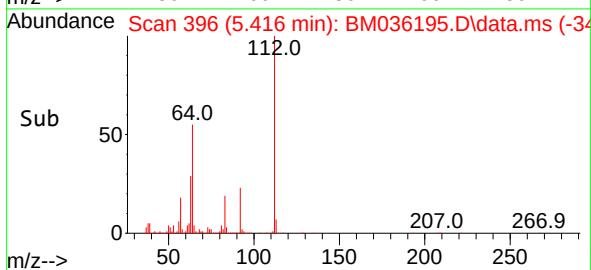
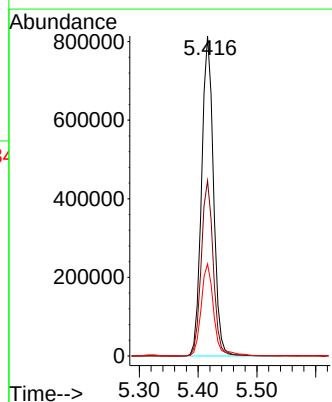
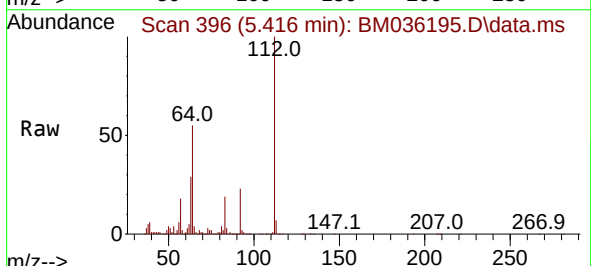
Instrument :
BNA_M
ClientSampleId :
COP-1R

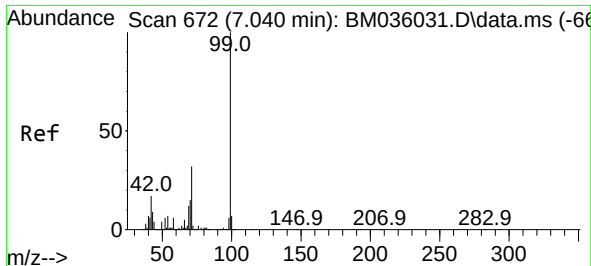
Tgt Ion:152 Resp: 481200
Ion Ratio Lower Upper
152 100
150 155.1 124.9 187.3
115 59.8 47.9 71.9



#5
2-Fluorophenol
Concen: 38.460 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM036195.D
Acq: 10 Aug 2022 16:54

Tgt Ion:112 Resp: 1141511
Ion Ratio Lower Upper
112 100
64 54.8 47.8 71.6
63 28.8 26.6 40.0

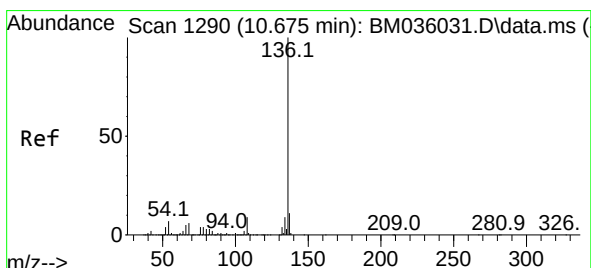
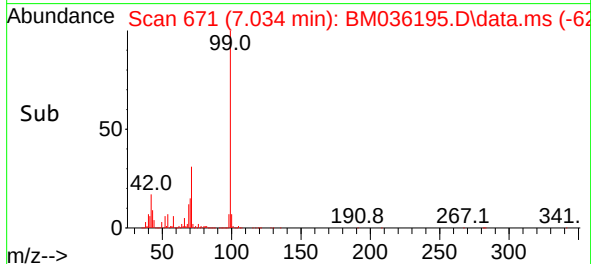
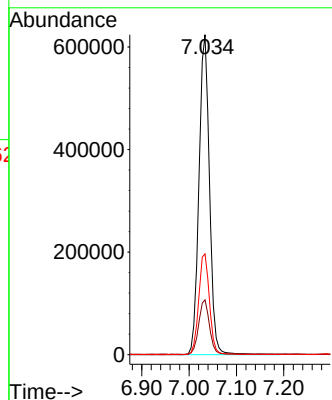
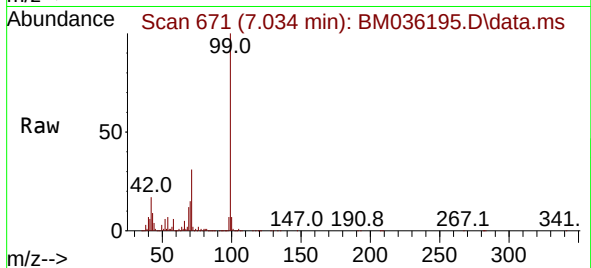




#7
Phenol-d6
Concen: 25.539 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM036195.D
Acq: 10 Aug 2022 16:54

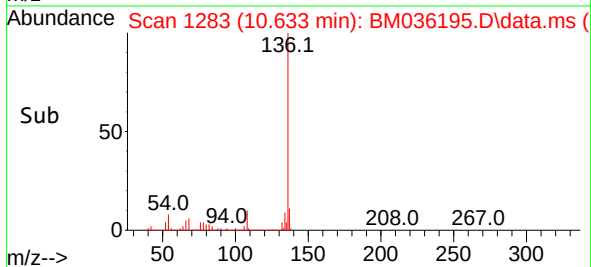
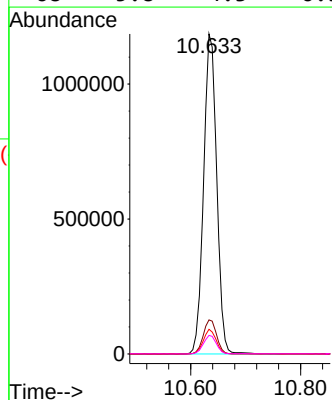
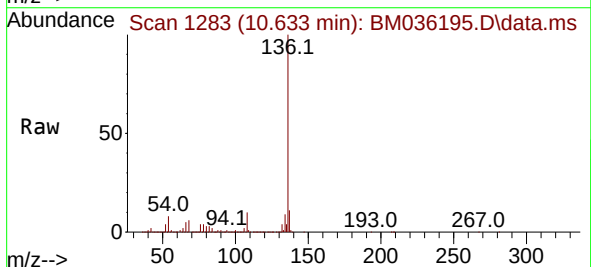
Instrument :
BNA_M
ClientSampleId :
COP-1R

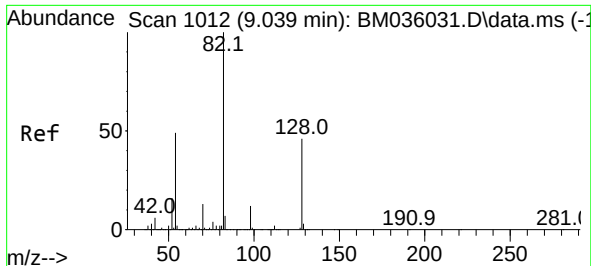
Tgt Ion: 99 Resp: 964524
Ion Ratio Lower Upper
99 100
42 17.2 18.8 28.2#
71 31.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM036195.D
Acq: 10 Aug 2022 16:54

Tgt Ion: 136 Resp: 1961873
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.7 7.0 10.4
68 5.8 4.3 6.5

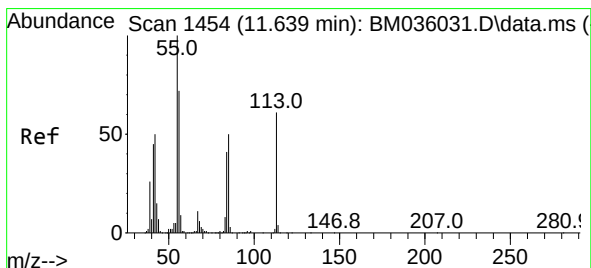
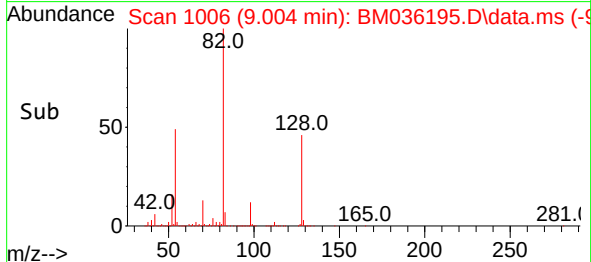
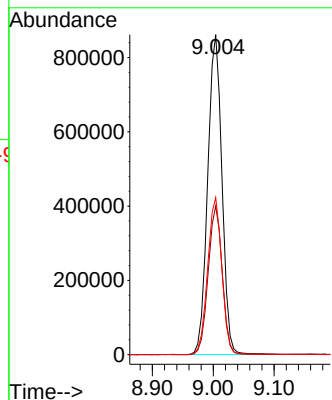
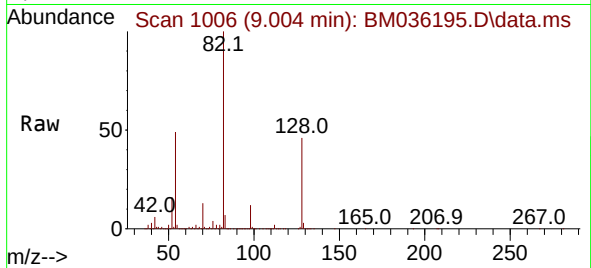




#23
Nitrobenzene-d5
Concen: 39.972 ng
RT: 9.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BM036195.D
Acq: 10 Aug 2022 16:54

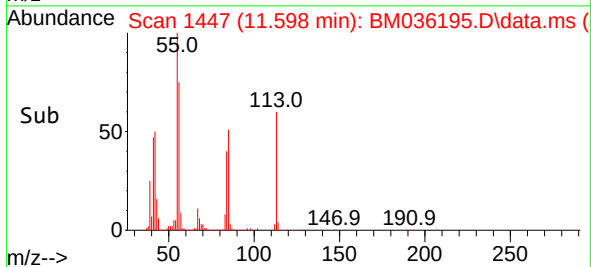
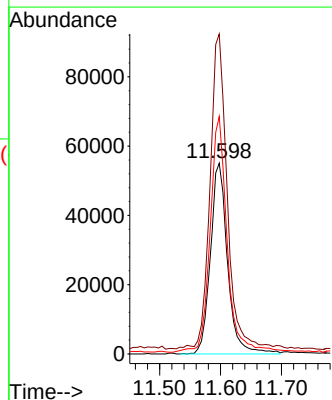
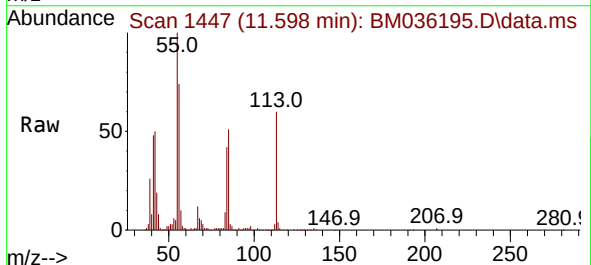
Instrument :
BNA_M
ClientSampleId :
COP-1R

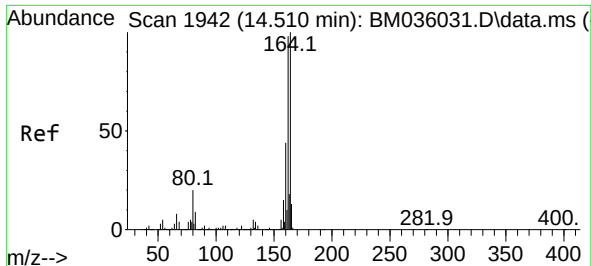
Tgt Ion: 82 Resp: 1400924
Ion Ratio Lower Upper
82 100
128 46.4 33.7 50.5
54 49.1 43.2 64.8



#35
Caprolactam
Concen: 12.909 ng
RT: 11.598 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BM036195.D
Acq: 10 Aug 2022 16:54

Tgt Ion: 113 Resp: 107647
Ion Ratio Lower Upper
113 100
55 167.7 150.1 190.1
56 124.5 111.7 151.7

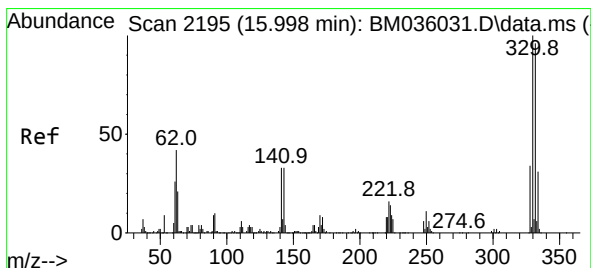
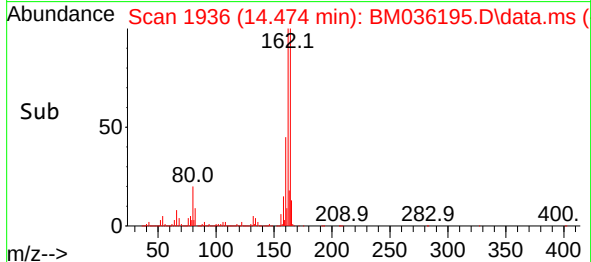
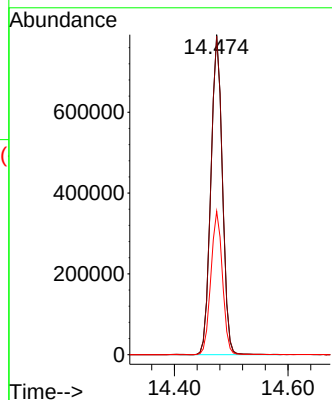
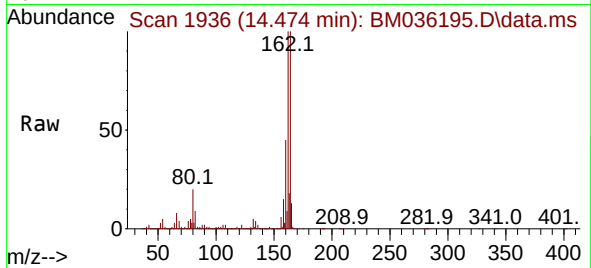




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BM036195.D
Acq: 10 Aug 2022 16:54

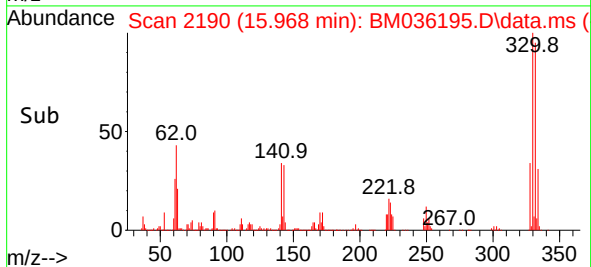
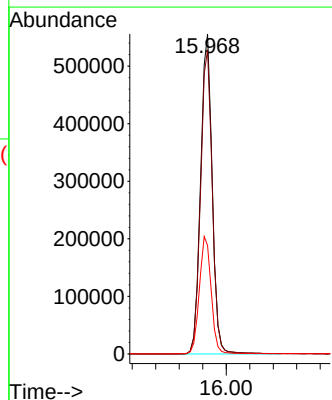
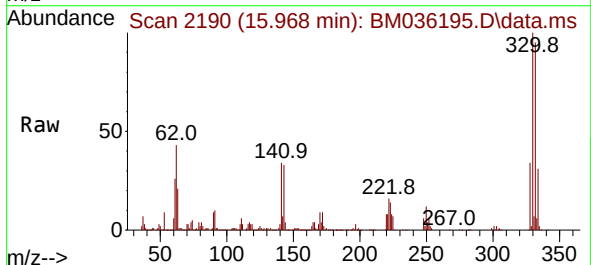
Instrument :
BNA_M
ClientSampleId :
COP-1R

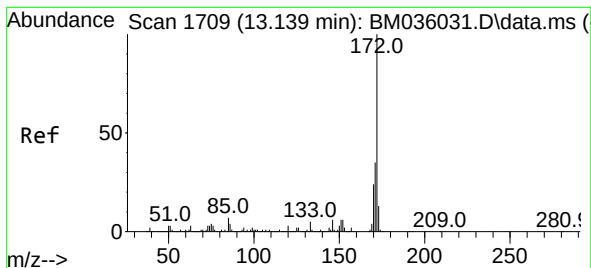
Tgt Ion:164 Resp: 1105049
Ion Ratio Lower Upper
164 100
162 99.5 83.0 124.6
160 44.8 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 58.741 ng
RT: 15.968 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BM036195.D
Acq: 10 Aug 2022 16:54

Tgt Ion:330 Resp: 761496
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 37.5 35.3 52.9





#45

2-Fluorobiphenyl

Concen: 39.993 ng

RT: 13.104 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM036195.D

Acq: 10 Aug 2022 16:54

Instrument :

BNA_M

ClientSampleId :

COP-1R

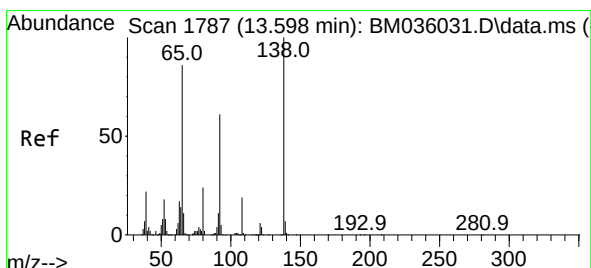
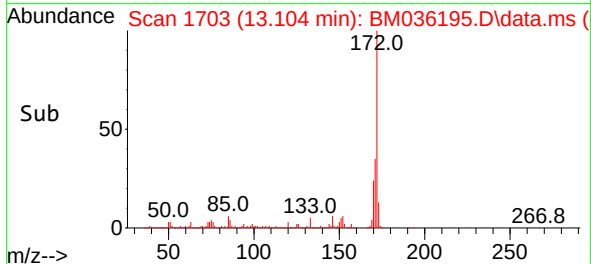
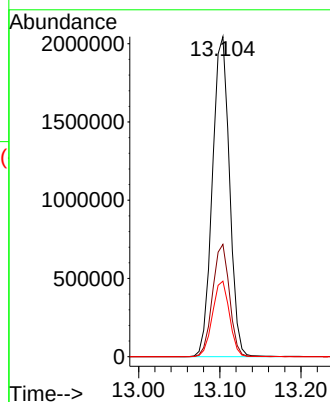
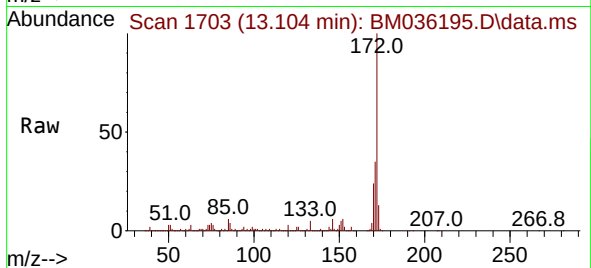
Tgt Ion:172 Resp: 2993240

Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

170 23.6 18.7 28.1



#48

2-Nitroaniline

Concen: 2.936 ng

RT: 13.333 min Scan# 1742

Delta R.T. -0.241 min

Lab File: BM036195.D

Acq: 10 Aug 2022 16:54

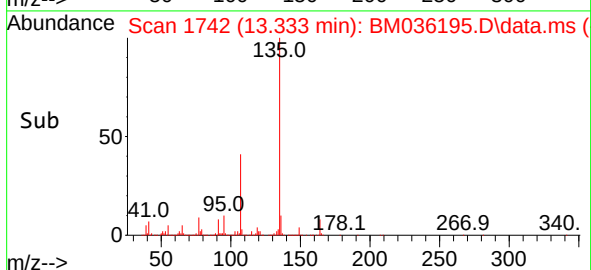
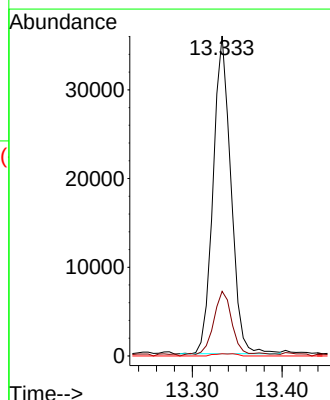
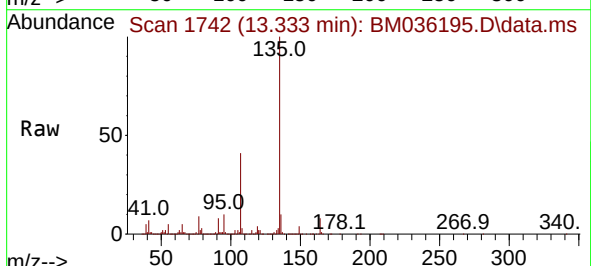
Tgt Ion: 65 Resp: 49318

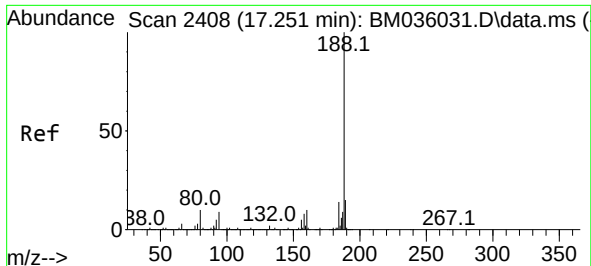
Ion Ratio Lower Upper

65 100

92 20.2 53.7 80.5#

138 0.7 83.9 125.9#

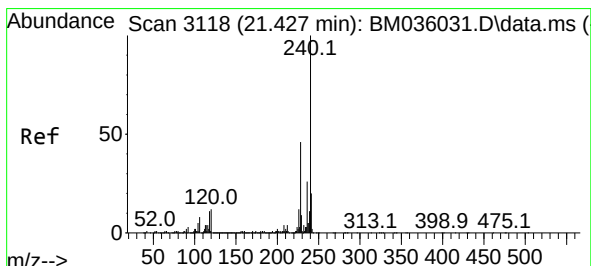
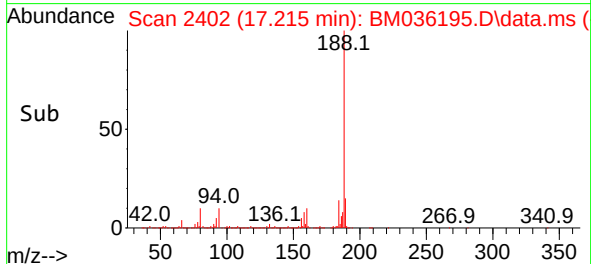
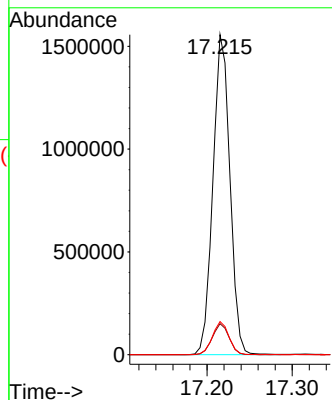
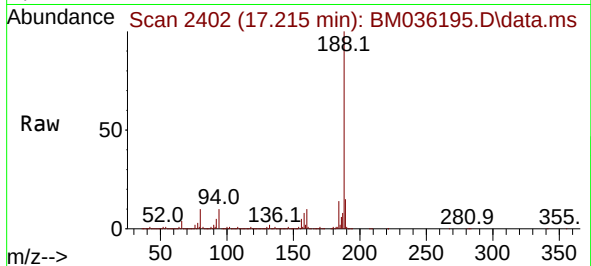




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BM036195.D
Acq: 10 Aug 2022 16:54

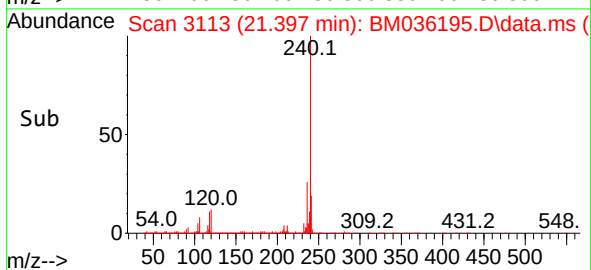
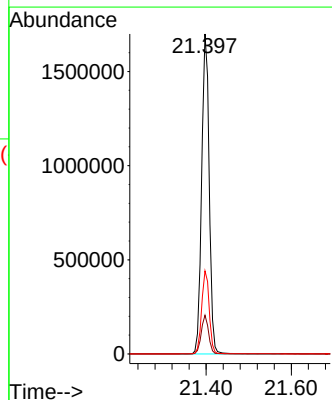
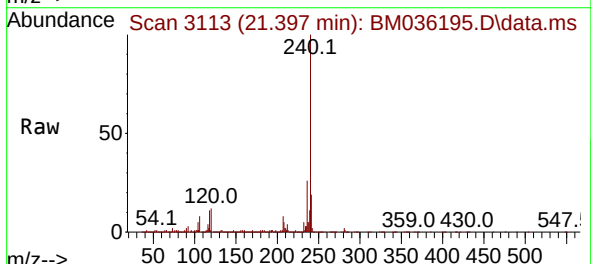
Instrument :
BNA_M
ClientSampleId :
COP-1R

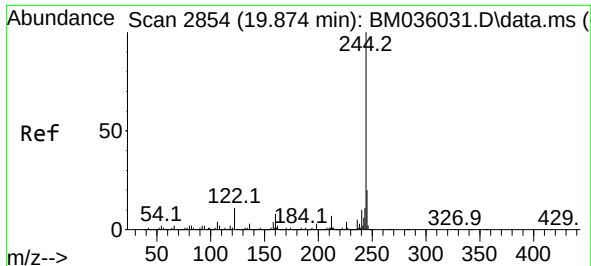
Tgt Ion:188 Resp: 2153864
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 10.4 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM036195.D
Acq: 10 Aug 2022 16:54

Tgt Ion:240 Resp: 2088092
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.0
236 25.9 20.6 30.8

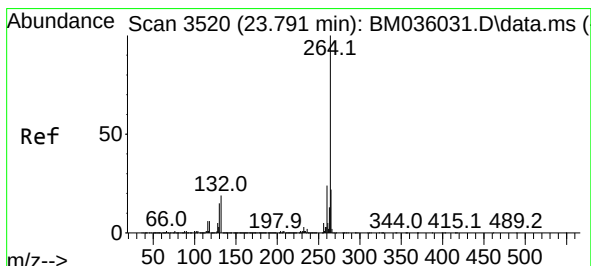
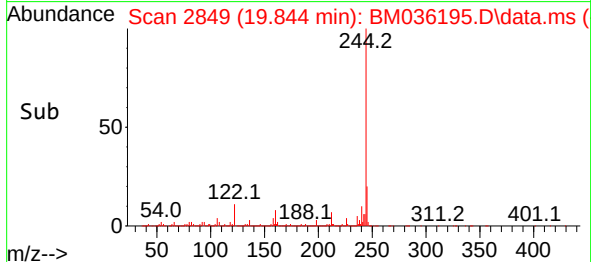
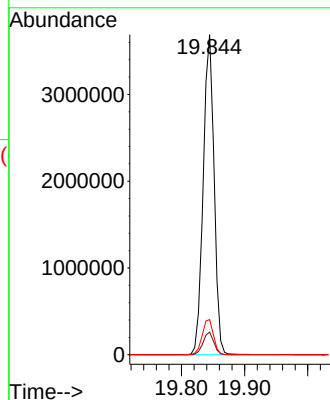
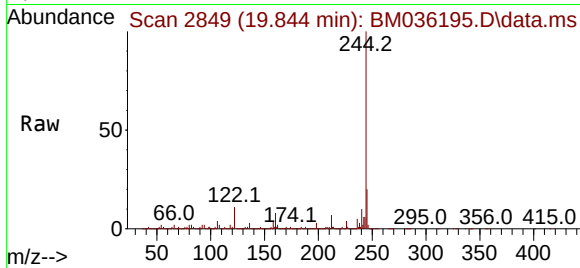




#79
 Terphenyl-d14
 Concen: 41.685 ng
 RT: 19.844 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM036195.D
 Acq: 10 Aug 2022 16:54

Instrument :
 BNA_M
 ClientSampleId :
 COP-1R

Tgt Ion:244 Resp: 4412918
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 11.0 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.750 min Scan# 3513
 Delta R.T. 0.006 min
 Lab File: BM036195.D
 Acq: 10 Aug 2022 16:54

Tgt Ion:264 Resp: 2244994
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 21.9 17.5 26.3

