

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
 Data File : BM036194.D
 Acq On : 10 Aug 2022 16:16
 Operator : CG/JU
 Sample : N3972-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COP-2R

Quant Time: Aug 10 22:25:41 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)

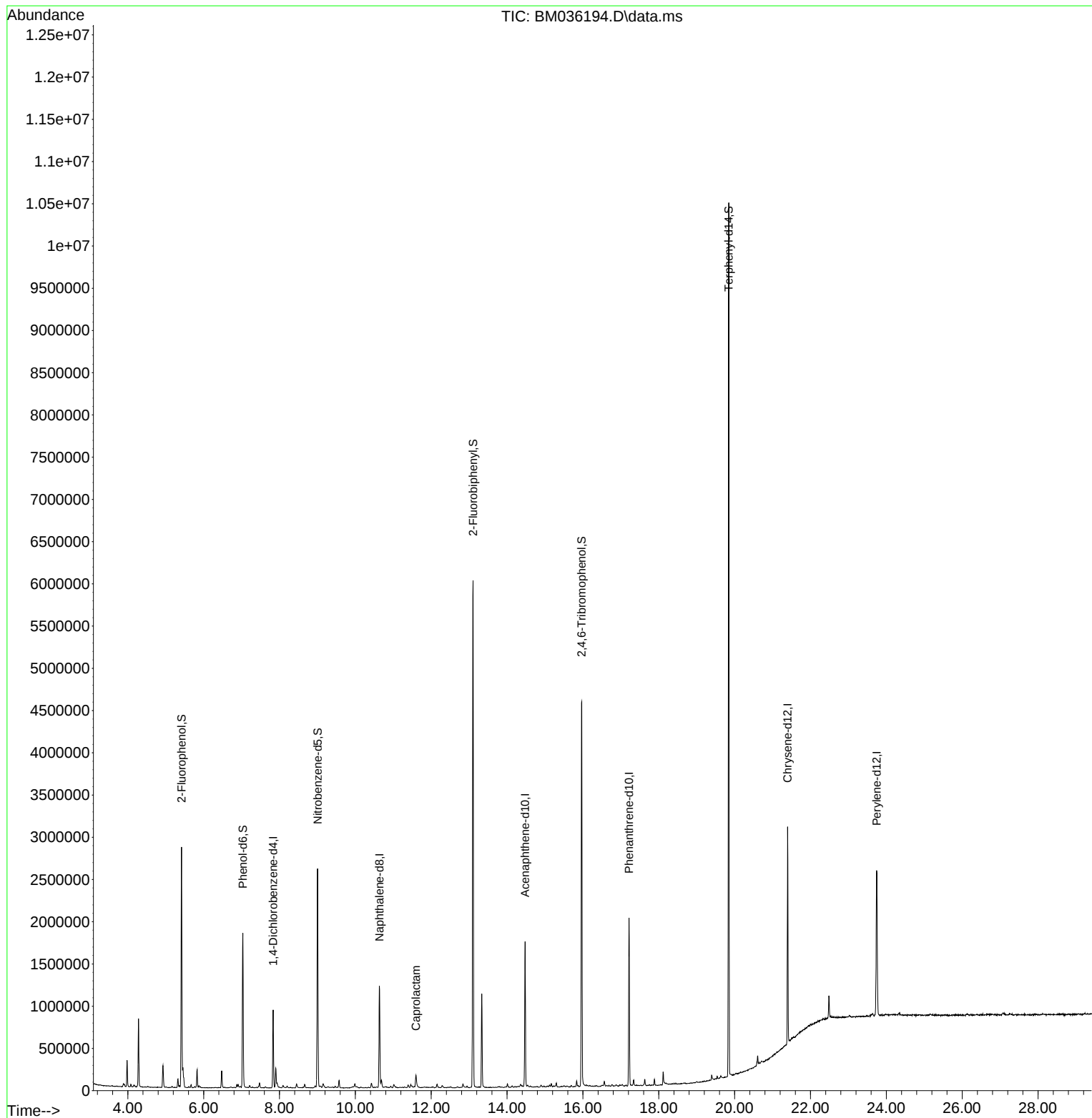
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	249151	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	1016820	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	580311	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1150075	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1158236	20.000	ng	0.00
86) Perylene-d12	23.745	264	1248054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1210324	78.757	ng	0.00
7) Phenol-d6	7.034	99	1042641	53.320	ng	0.00
23) Nitrobenzene-d5	9.004	82	1436156	79.062	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	846840	124.392	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	3027513	77.028	ng	0.00
79) Terphenyl-d14	19.845	244	4780865	81.417	ng	0.00
Target Compounds						
35) Caprolactam	11.598	113	34020	7.871	ng	Qvalue 98

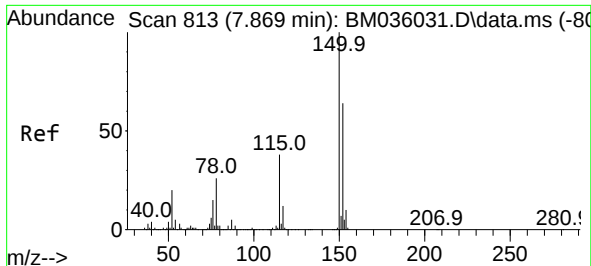
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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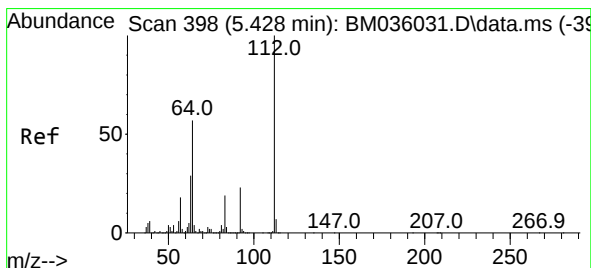
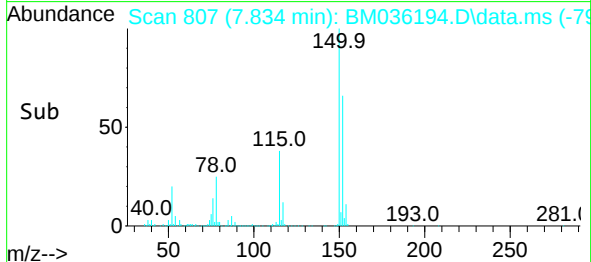
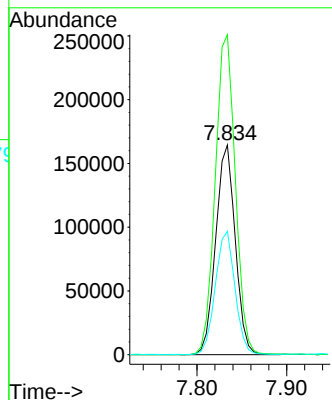
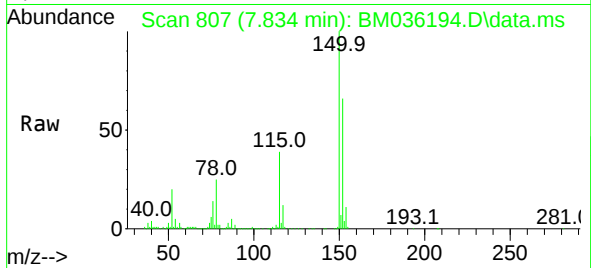




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM036194.D
Acq: 10 Aug 2022 16:16

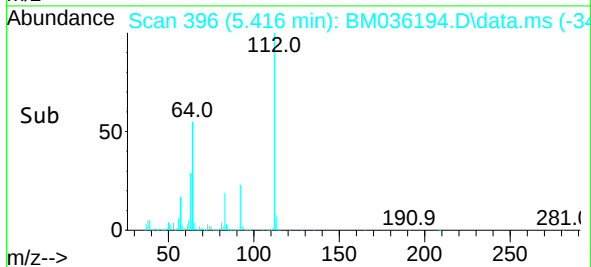
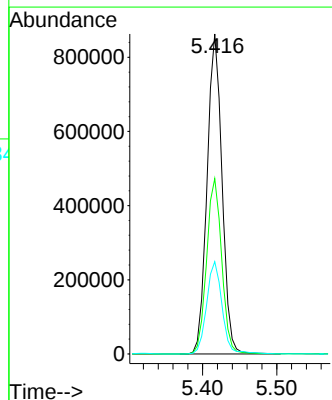
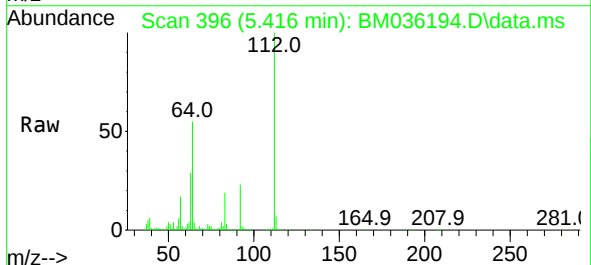
Instrument :
BNA_M
ClientSampleId :
COP-2R

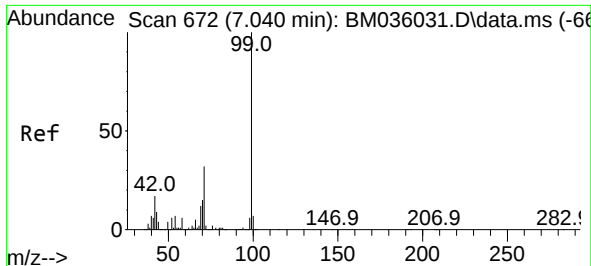
Tgt Ion:152 Resp: 249151
Ion Ratio Lower Upper
152 100
150 152.5 124.9 187.3
115 58.8 47.9 71.9



#5
2-Fluorophenol
Concen: 78.757 ng
RT: 5.416 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM036194.D
Acq: 10 Aug 2022 16:16

Tgt Ion:112 Resp: 1210324
Ion Ratio Lower Upper
112 100
64 54.8 47.8 71.6
63 28.8 26.6 40.0

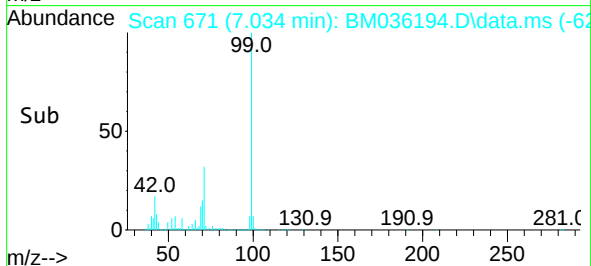
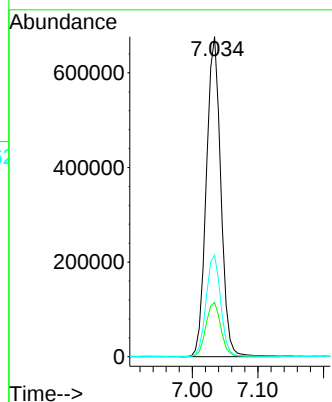
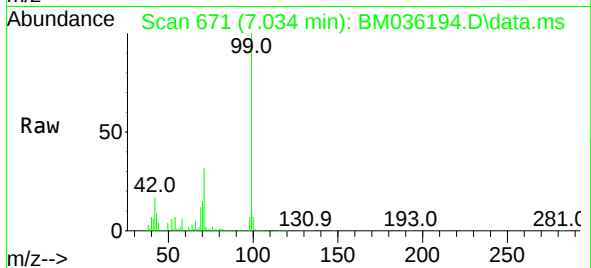




#7
Phenol-d6
Concen: 53.320 ng
RT: 7.034 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM036194.D
Acq: 10 Aug 2022 16:16

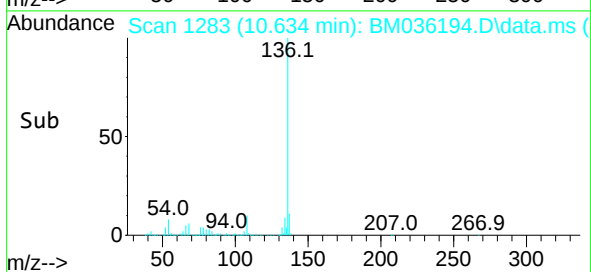
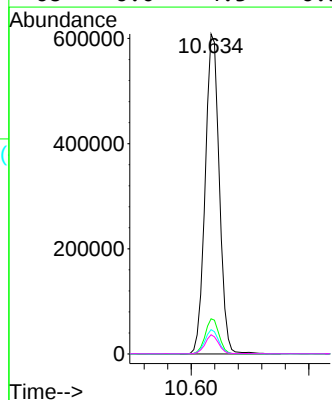
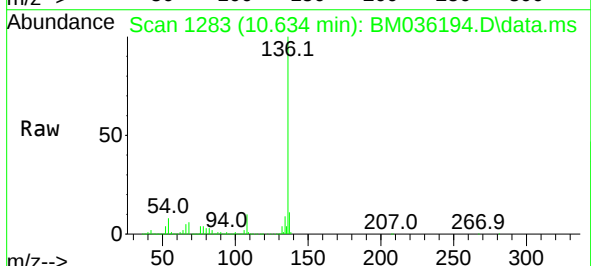
Instrument :
BNA_M
ClientSampleId :
COP-2R

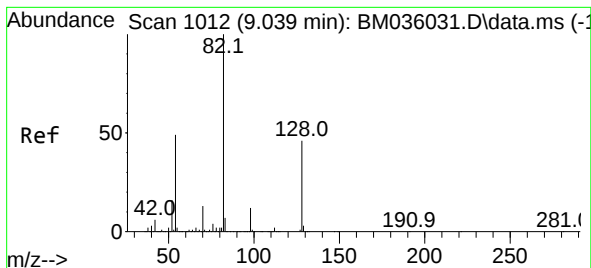
Tgt Ion: 99 Resp: 1042641
Ion Ratio Lower Upper
99 100
42 17.0 18.8 28.2#
71 31.7 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM036194.D
Acq: 10 Aug 2022 16:16

Tgt Ion: 136 Resp: 1016820
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.6 7.0 10.4
68 6.0 4.3 6.5





#23

Nitrobenzene-d5

Concen: 79.062 ng

RT: 9.004 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BM036194.D

Acq: 10 Aug 2022 16:16

Instrument :

BNA_M

ClientSampleId :

COP-2R

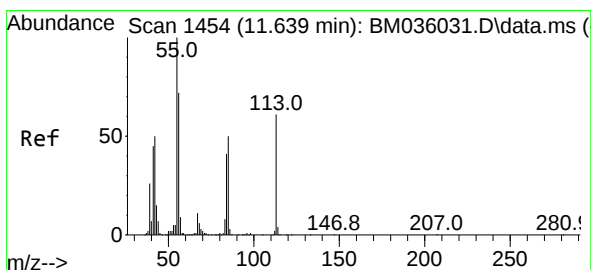
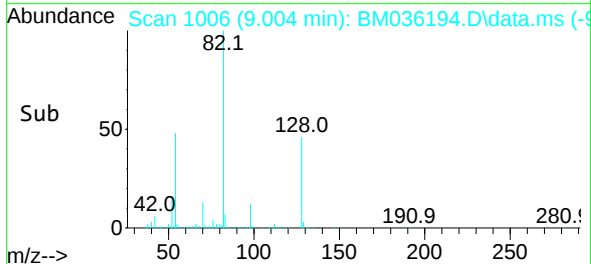
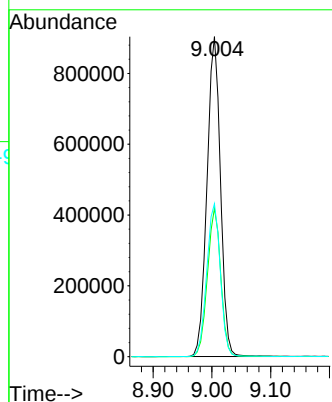
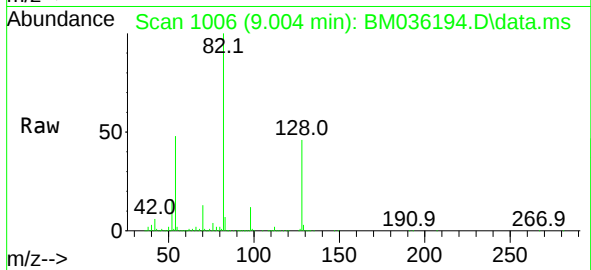
Tgt Ion: 82 Resp: 1436156

Ion Ratio Lower Upper

82 100

128 46.3 33.7 50.5

54 47.8 43.2 64.8



#35

Caprolactam

Concen: 7.871 ng

RT: 11.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BM036194.D

Acq: 10 Aug 2022 16:16

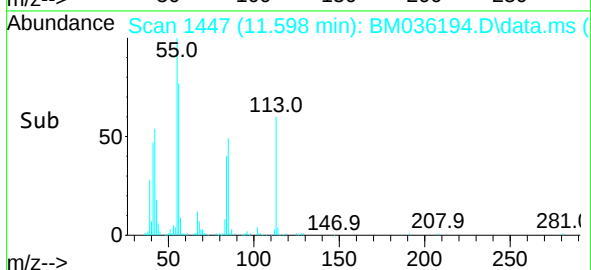
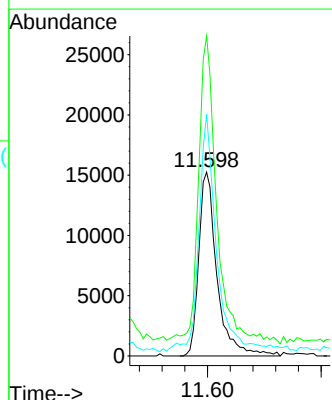
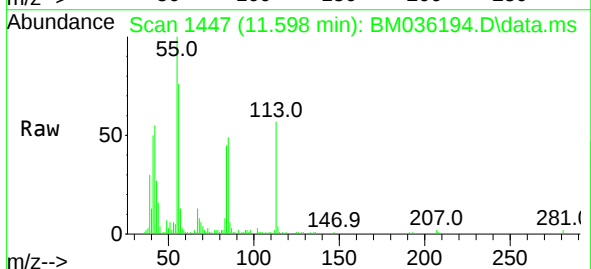
Tgt Ion: 113 Resp: 34020

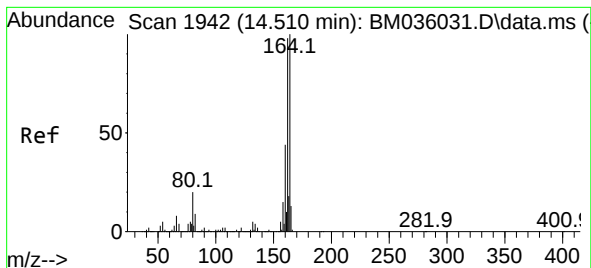
Ion Ratio Lower Upper

113 100

55 174.0 150.1 190.1

56 131.6 111.7 151.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.475 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BM036194.D

Acq: 10 Aug 2022 16:16

Instrument :

BNA_M

ClientSampleId :

COP-2R

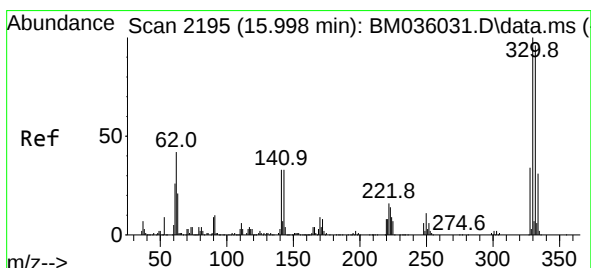
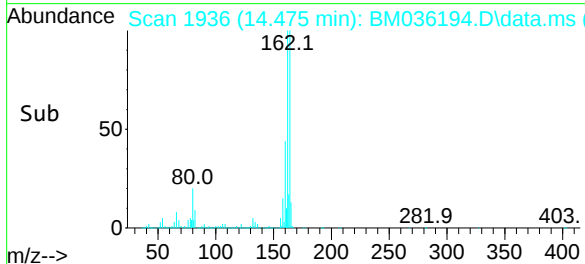
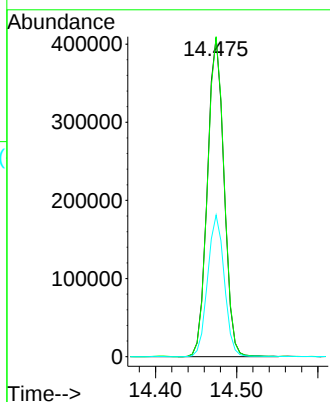
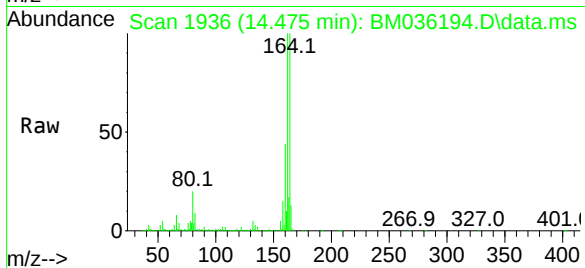
Tgt Ion:164 Resp: 580311

Ion Ratio Lower Upper

164 100

162 100.3 83.0 124.6

160 44.4 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 124.392 ng

RT: 15.969 min Scan# 2190

Delta R.T. 0.000 min

Lab File: BM036194.D

Acq: 10 Aug 2022 16:16

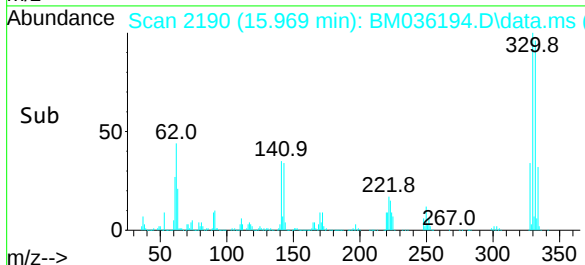
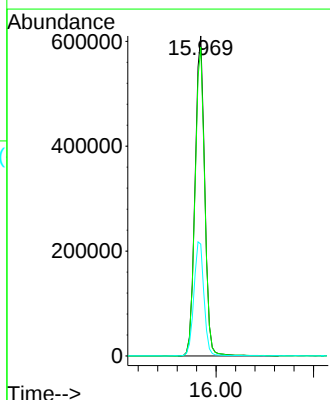
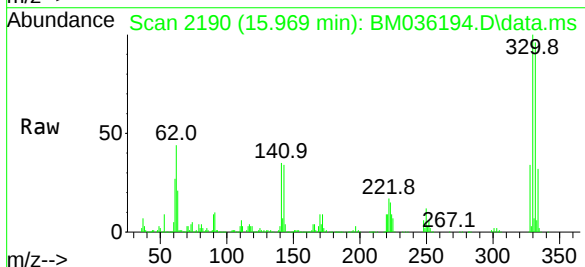
Tgt Ion:330 Resp: 846840

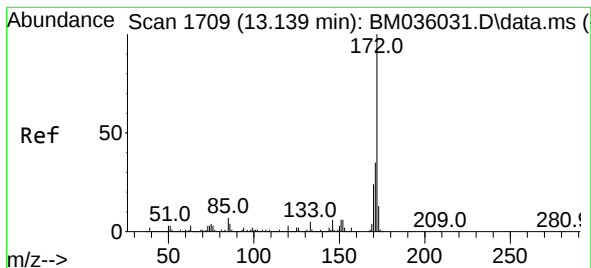
Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.4

141 37.2 35.3 52.9

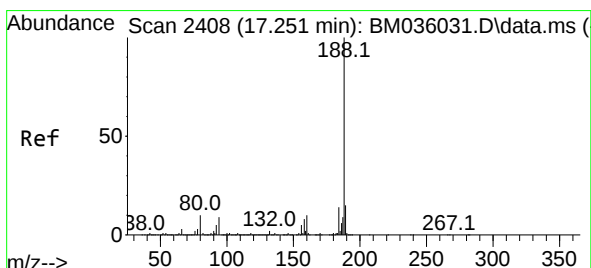
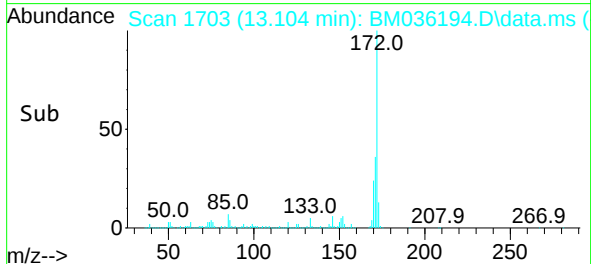
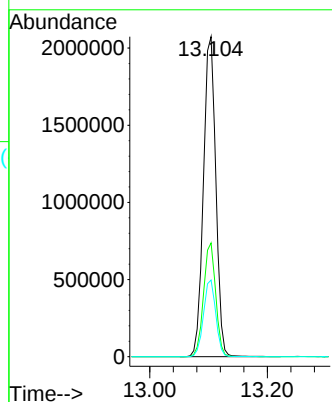
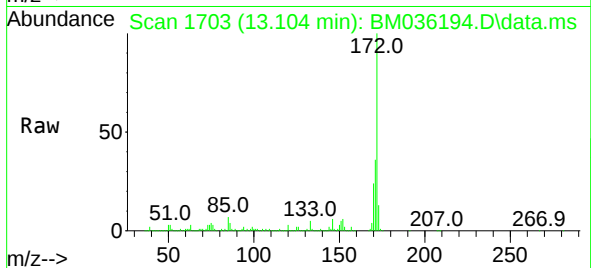




#45
2-Fluorobiphenyl
Concen: 77.028 ng
RT: 13.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036194.D
Acq: 10 Aug 2022 16:16

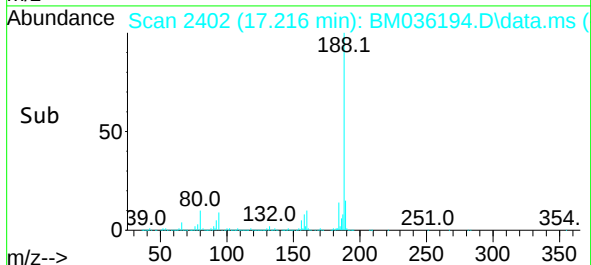
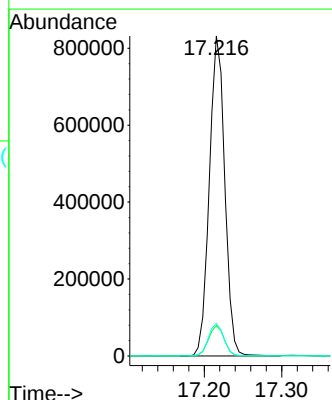
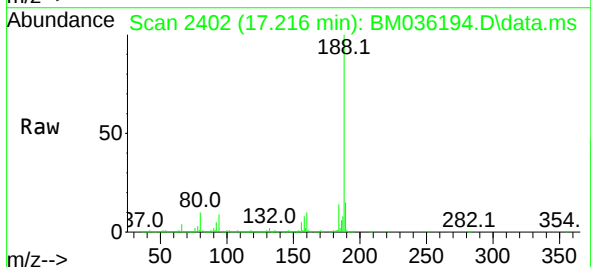
Instrument :
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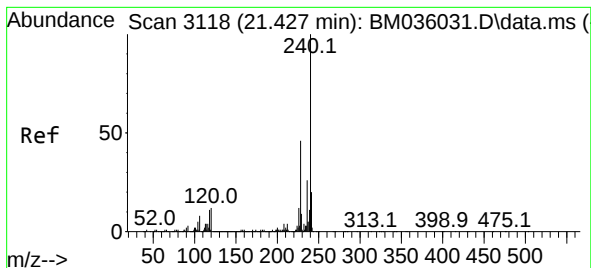
Tgt Ion:172 Resp: 3027513
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 24.0 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM036194.D
Acq: 10 Aug 2022 16:16

Tgt Ion:188 Resp: 1150075
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.2 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BM036194.D

Acq: 10 Aug 2022 16:16

Instrument :

BNA_M

ClientSampleId :

COP-2R

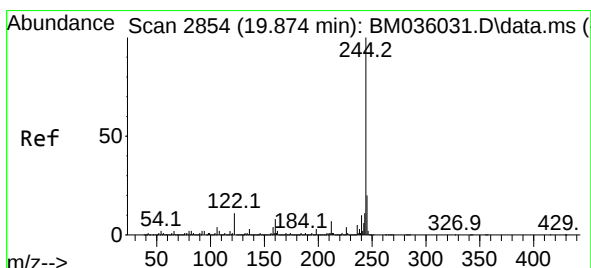
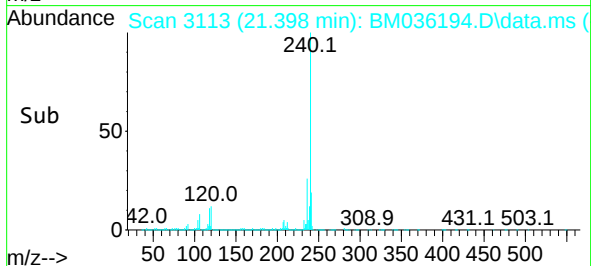
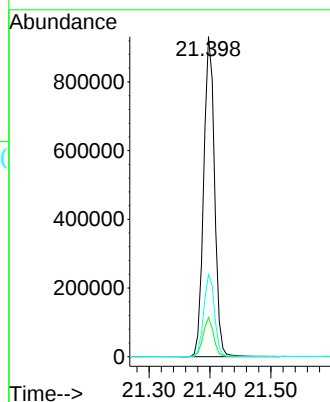
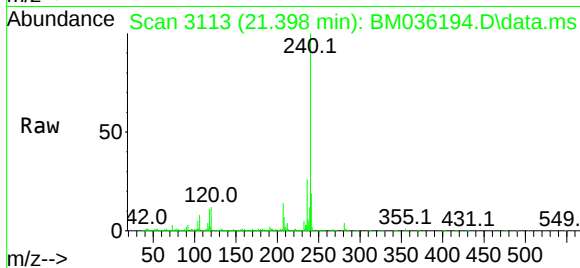
Tgt Ion:240 Resp: 1158236

Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.0

236 25.7 20.6 30.8



#79

Terphenyl-d14

Concen: 81.417 ng

RT: 19.845 min Scan# 2849

Delta R.T. 0.000 min

Lab File: BM036194.D

Acq: 10 Aug 2022 16:16

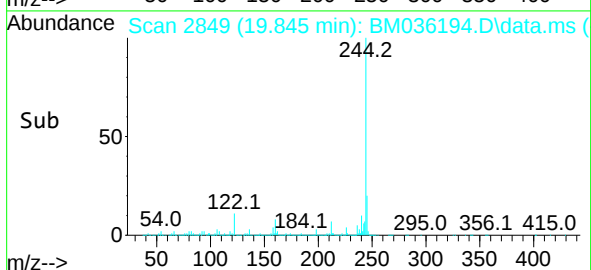
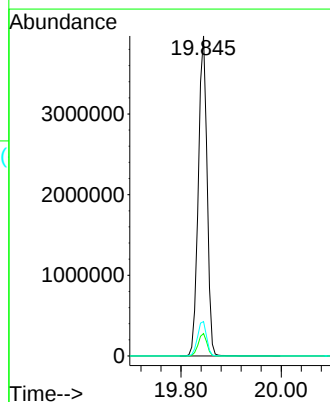
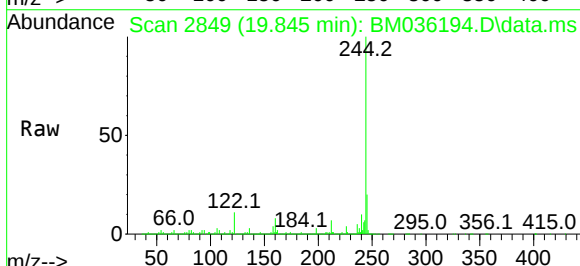
Tgt Ion:244 Resp: 4780865

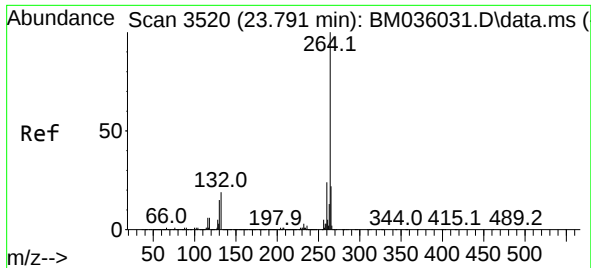
Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.4

122 10.8 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.745 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BM036194.D
 Acq: 10 Aug 2022 16:16

Instrument :
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 ClientSampleId :
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Tgt Ion:264 Resp: 1248054
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 22.3 17.5 26.3

