

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
 Data File : BM036191.D
 Acq On : 10 Aug 2022 14:25
 Operator : CG/JU
 Sample : N3971-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-9R

Quant Time: Aug 10 22:24:26 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)

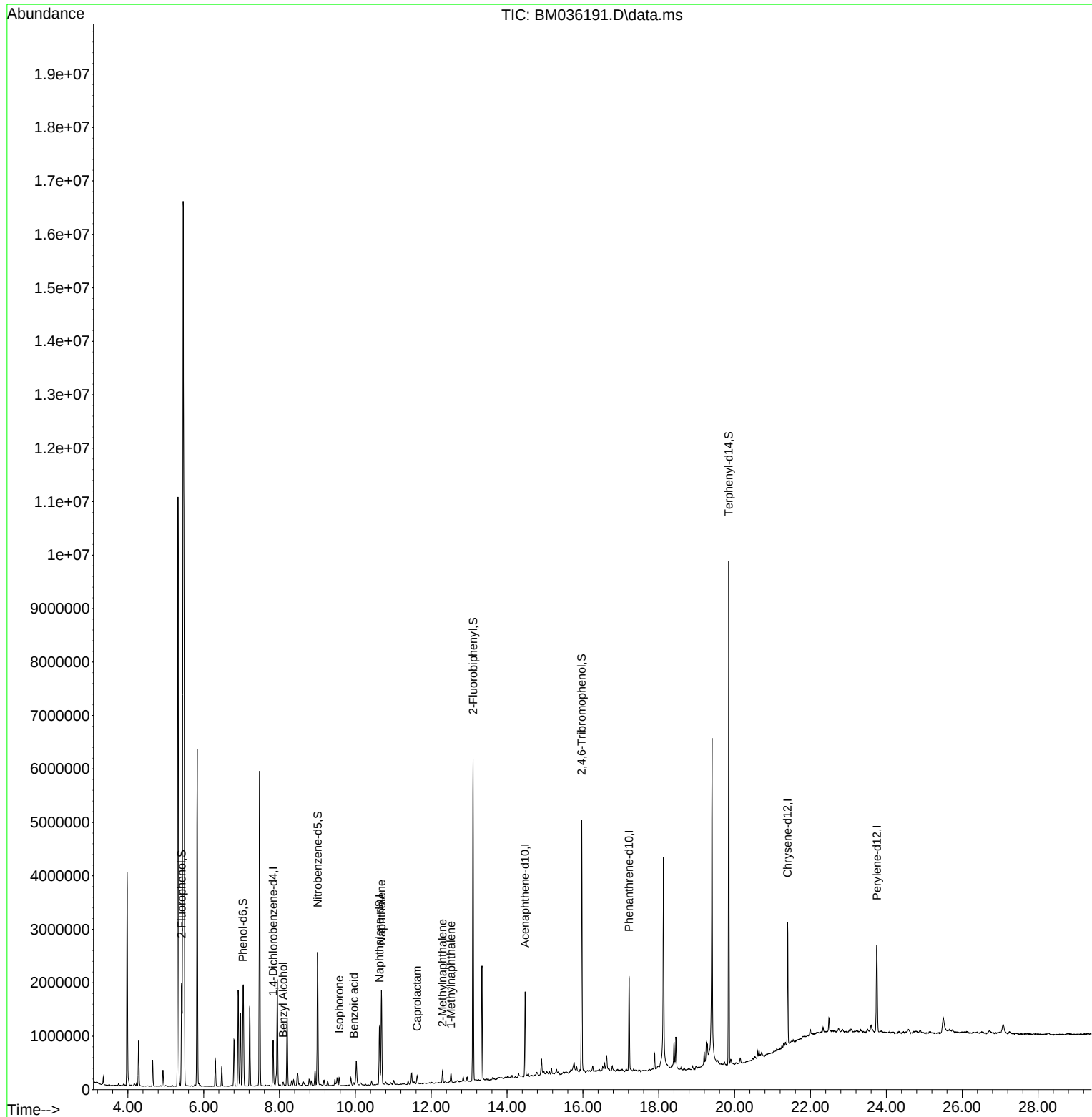
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	226019	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	926772	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	522422	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1032576	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1038252	20.000	ng	0.00
86) Perylene-d12	23.750	264	1141398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	828670	59.441	ng	0.00
7) Phenol-d6	7.034	99	627894	35.397	ng	0.00
23) Nitrobenzene-d5	9.004	82	1348043	81.422	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	835729	136.363	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	2936568	82.994	ng	0.00
79) Terphenyl-d14	19.845	244	4194448	79.685	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.098	79	26210	2.202	ng	95
25) Isophorone	9.575	82	100552	3.733	ng	99
31) Naphthalene	10.687	128	1409246	30.585	ng	99
32) Benzoic acid	9.963	122	19573	2.171	ng	98
35) Caprolactam	11.628	113	27811	7.060	ng	# 86
37) 2-Methylnaphthalene	12.298	142	95475	3.114	ng	98
38) 1-Methylnaphthalene	12.522	142	66881	2.227	ng	98

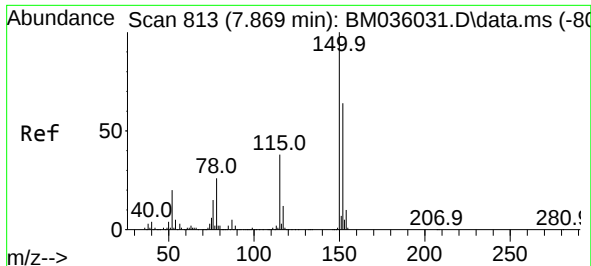
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
Data File : BM036191.D
Acq On : 10 Aug 2022 14:25
Operator : CG/JU
Sample : N3971-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-9R

Quant Time: Aug 10 22:24:26 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

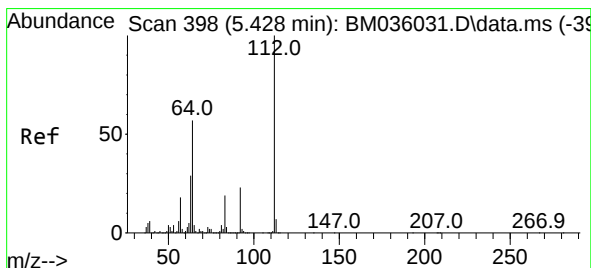
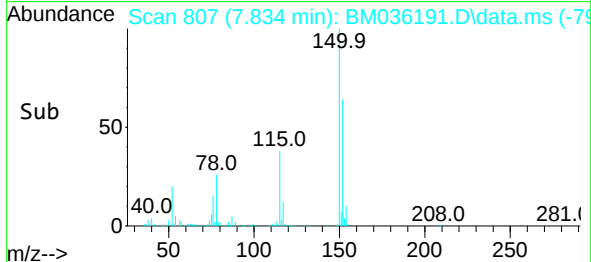
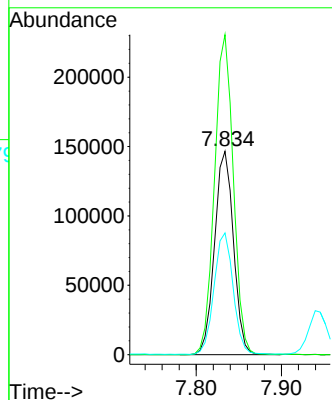
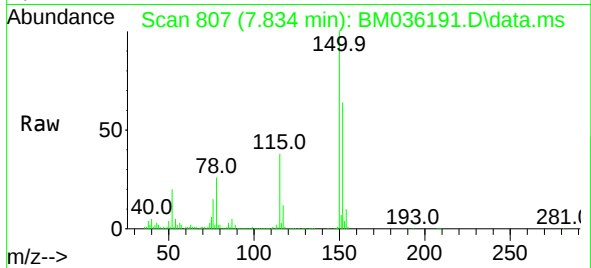




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

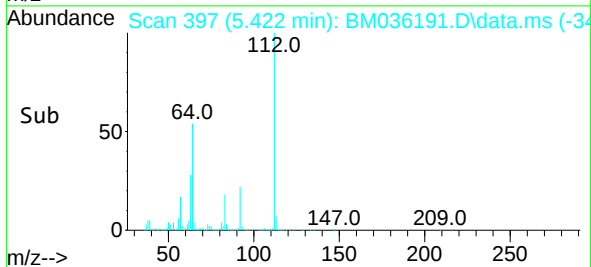
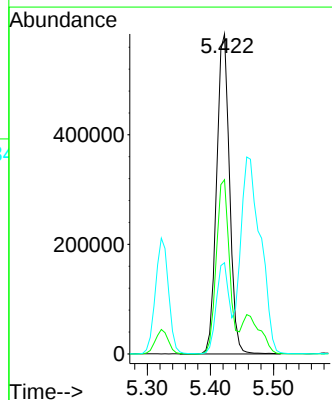
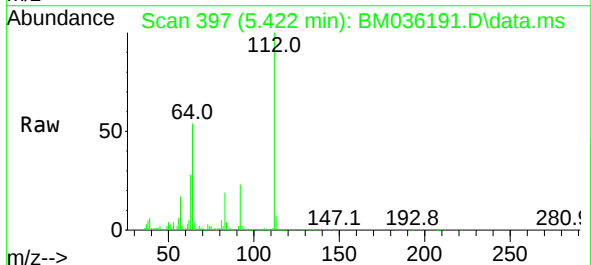
Instrument :
BNA_M
ClientSampleId :
MW-9R

Tgt Ion:152 Resp: 226019
Ion Ratio Lower Upper
152 100
150 157.3 124.9 187.3
115 59.9 47.9 71.9



#5
2-Fluorophenol
Concen: 59.441 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.006 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Tgt Ion:112 Resp: 828670
Ion Ratio Lower Upper
112 100
64 54.5 47.8 71.6
63 28.5 26.6 40.0

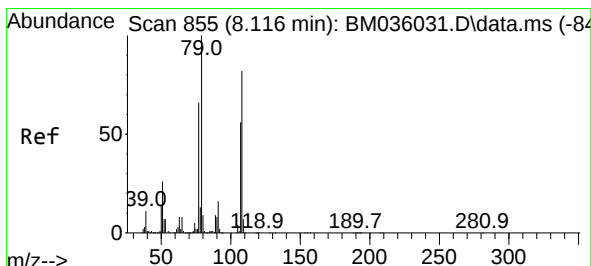
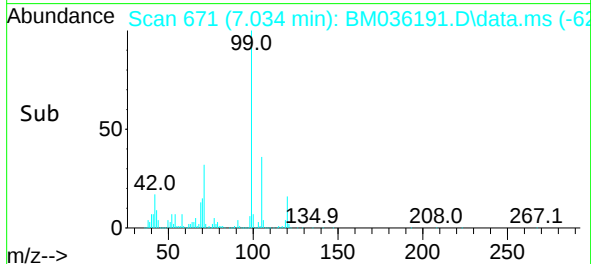
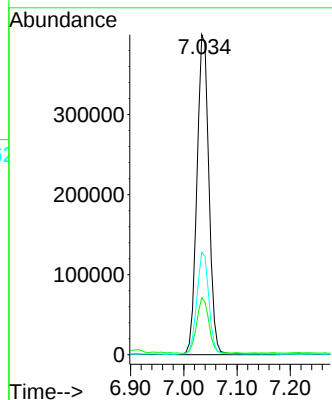
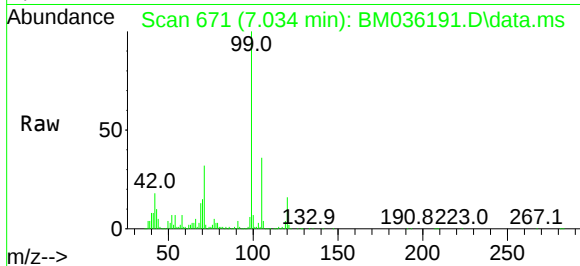




#7
Phenol-d6
Concen: 35.397 ng
RT: 7.034 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

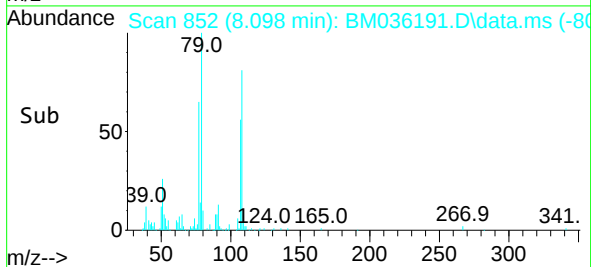
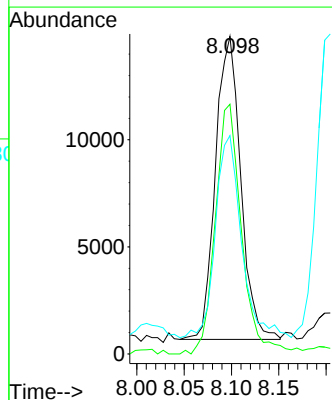
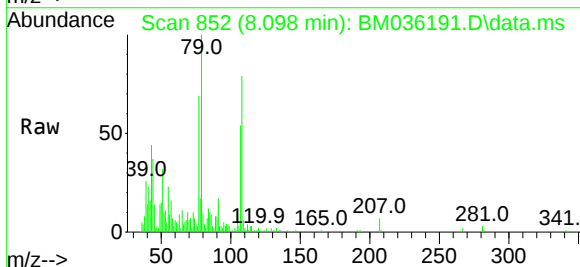
Instrument :
BNA_M
ClientSampleId :
MW-9R

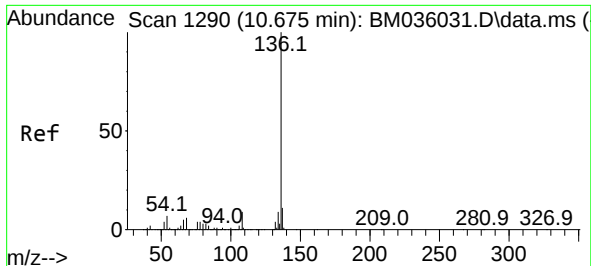
Tgt Ion: 99 Resp: 627894
Ion Ratio Lower Upper
99 100
42 17.8 18.8 28.2#
71 32.0 30.2 45.2



#15
Benzyl Alcohol
Concen: 2.202 ng
RT: 8.098 min Scan# 852
Delta R.T. 0.006 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Tgt Ion: 79 Resp: 26210
Ion Ratio Lower Upper
79 100
108 78.6 59.0 88.4
77 68.8 52.2 78.4



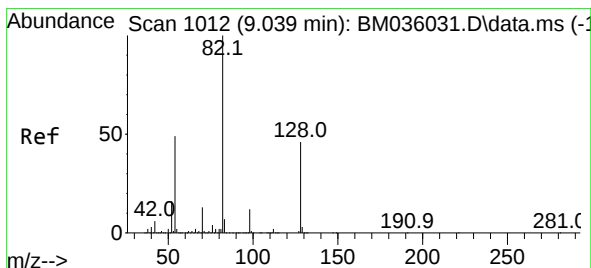
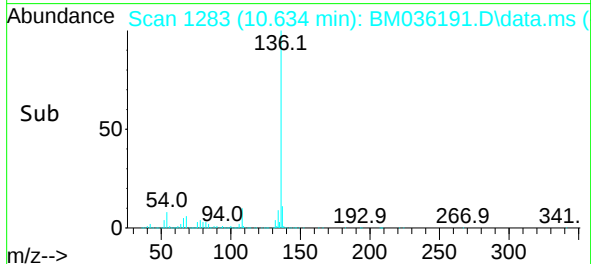
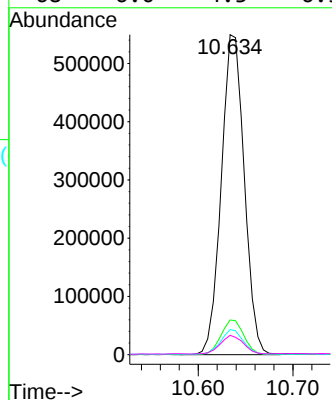
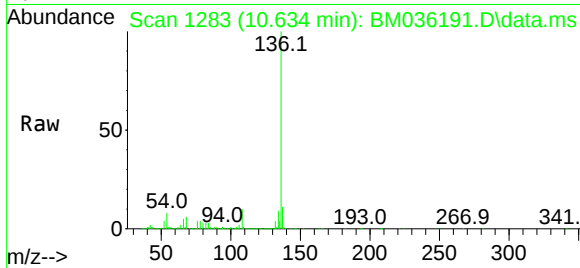


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 110
Delta R.T. -0.006 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Instrument :
BNA_M
ClientSampleId :
MW-9R

Tgt Ion:136 Resp: 926772

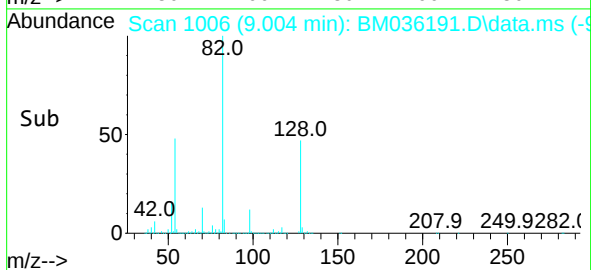
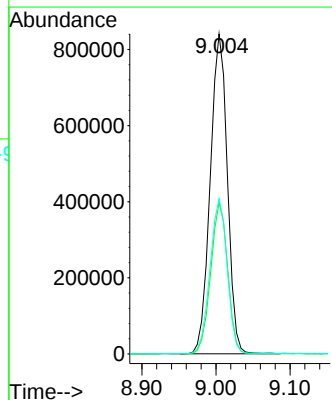
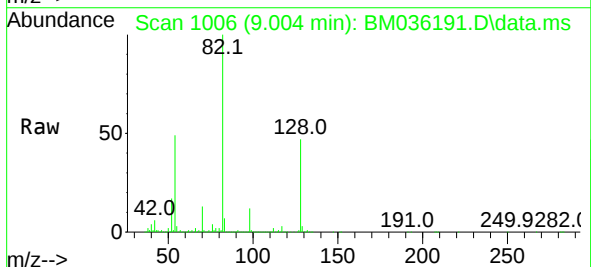
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.8	7.0	10.4
68	6.0	4.3	6.5

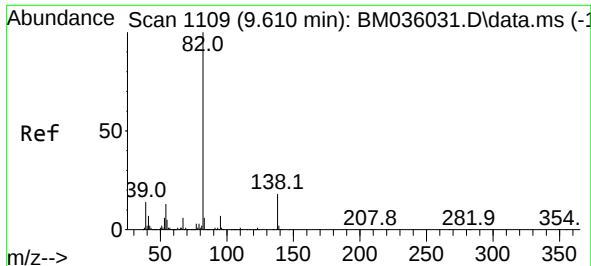


#23
Nitrobenzene-d5
Concen: 81.422 ng
RT: 9.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Tgt Ion: 82 Resp: 1348043

Ion	Ratio	Lower	Upper
82	100		
128	47.4	33.7	50.5
54	48.5	43.2	64.8

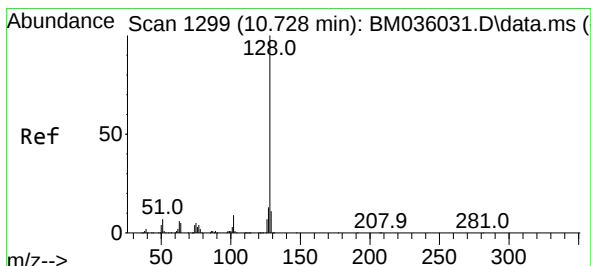
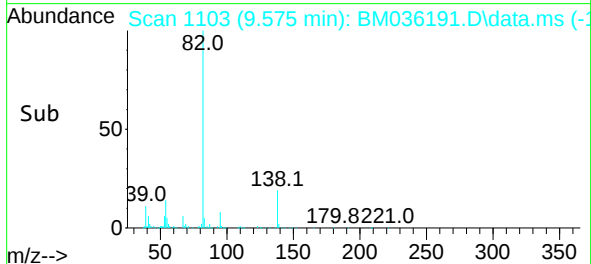
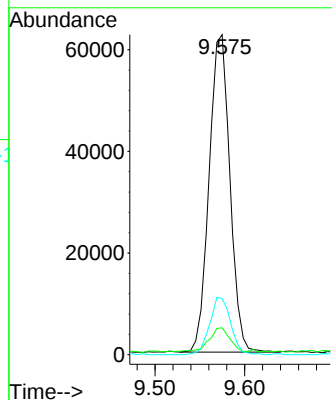
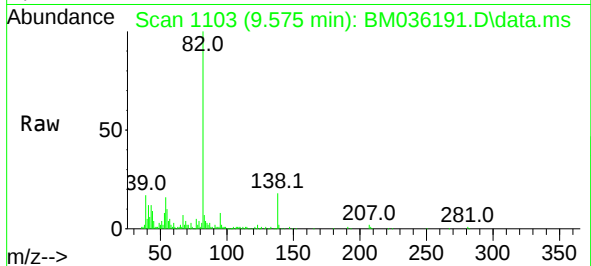




#25
Isophorone
Concen: 3.733 ng
RT: 9.575 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

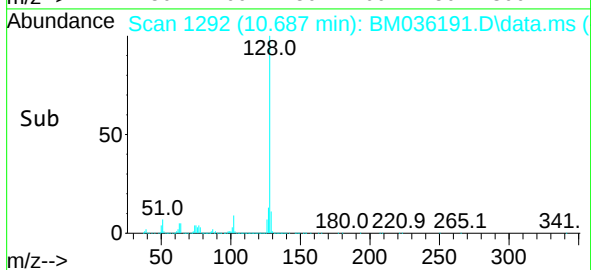
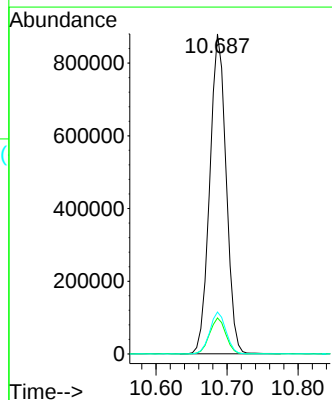
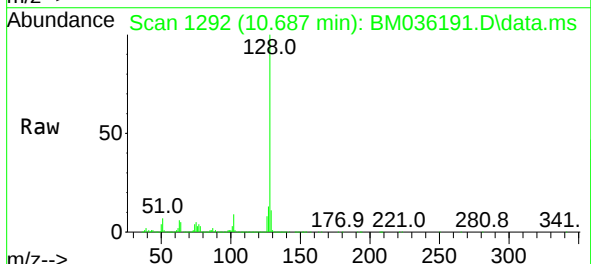
Instrument :
BNA_M
ClientSampleId :
MW-9R

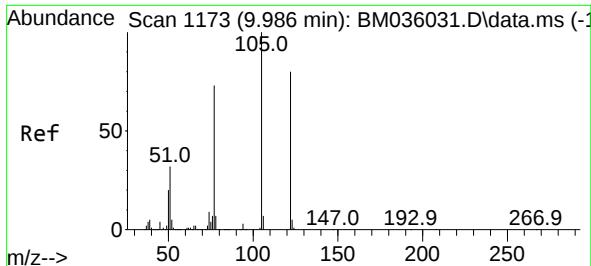
Tgt Ion: 82 Resp: 100552
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 17.5 14.2 21.4



#31
Naphthalene
Concen: 30.585 ng
RT: 10.687 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Tgt Ion: 128 Resp: 1409246
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.1 10.6 16.0

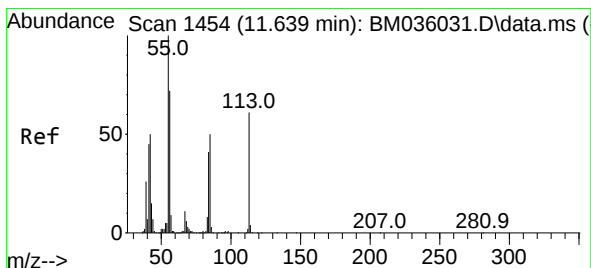
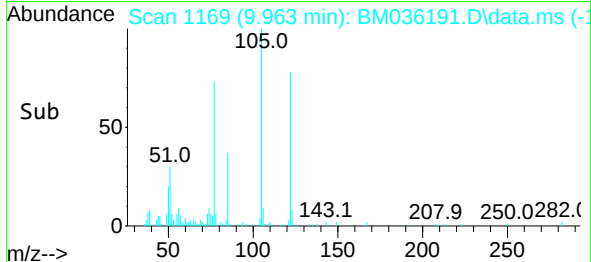
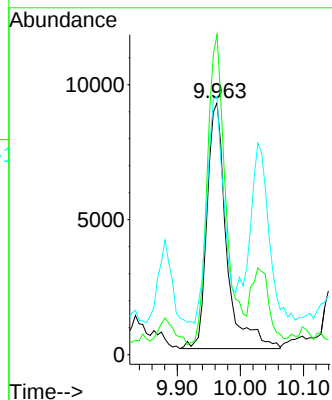
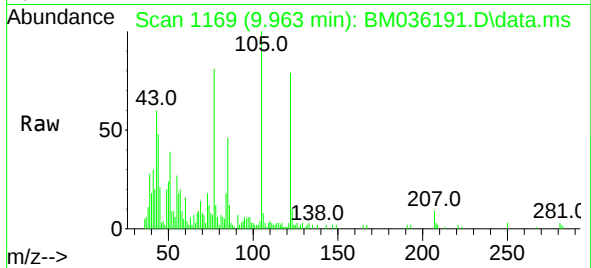




#32
Benzoic acid
Concen: 2.171 ng
RT: 9.963 min Scan# 1173
Delta R.T. -0.029 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

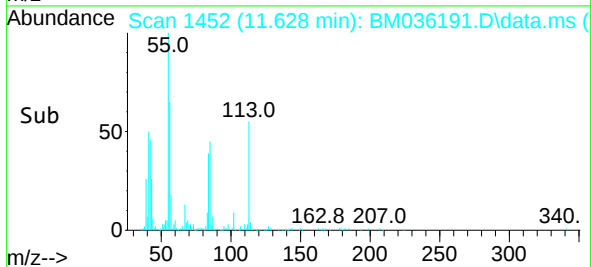
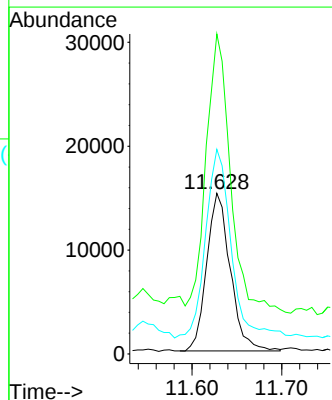
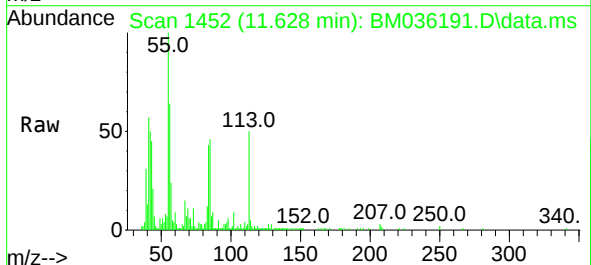
Instrument :
BNA_M
ClientSampleId :
MW-9R

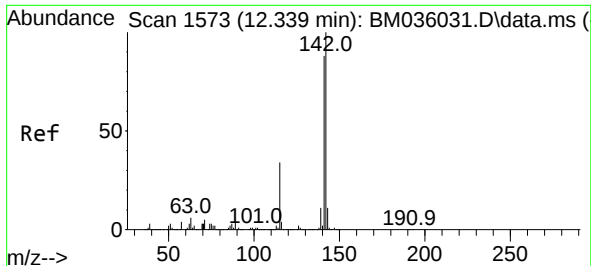
Tgt Ion:122 Resp: 19573
Ion Ratio Lower Upper
122 100
105 127.2 105.7 145.7
77 102.6 80.0 120.0



#35
Caprolactam
Concen: 7.060 ng
RT: 11.628 min Scan# 1452
Delta R.T. 0.018 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Tgt Ion:113 Resp: 27811
Ion Ratio Lower Upper
113 100
55 199.3 150.1 190.1#
56 127.4 111.7 151.7

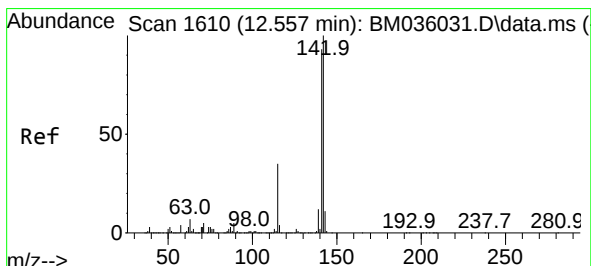
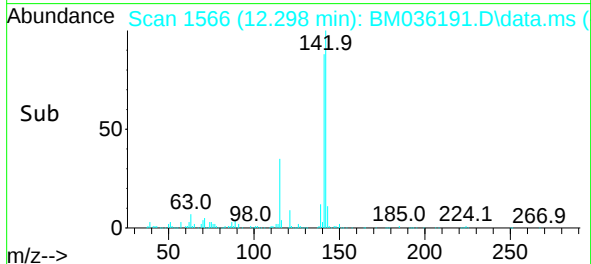
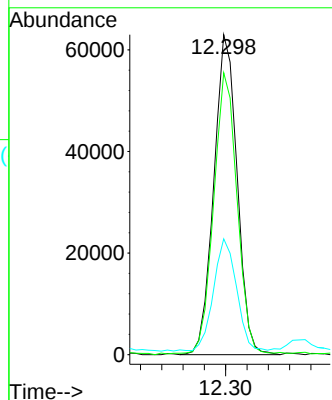
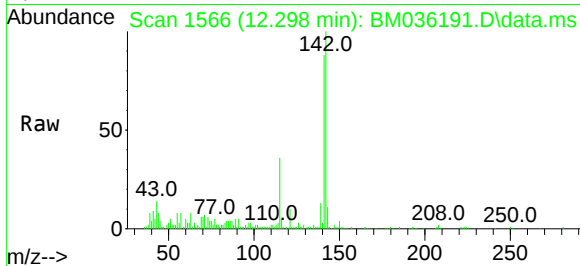




#37
2-Methylnaphthalene
Concen: 3.114 ng
RT: 12.298 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

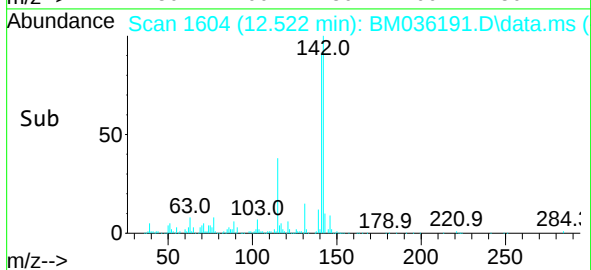
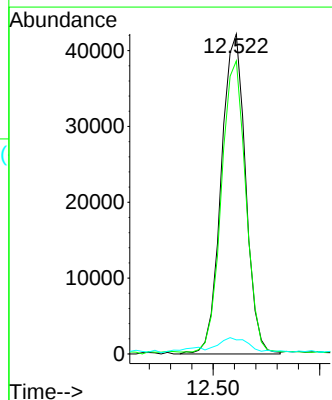
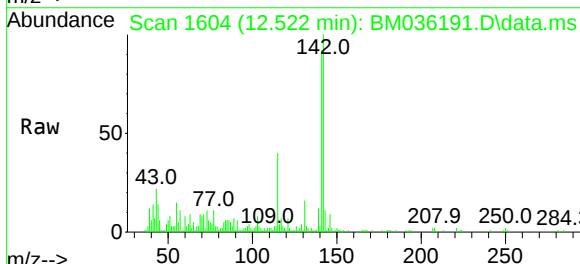
Instrument :
BNA_M
ClientSampleId :
MW-9R

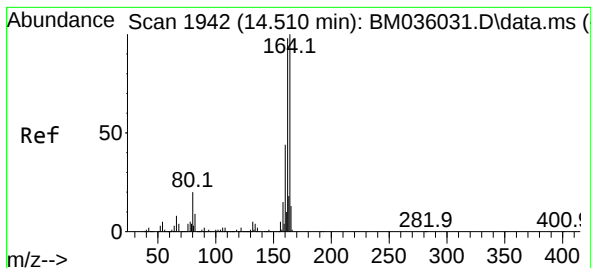
Tgt Ion:142 Resp: 95475
Ion Ratio Lower Upper
142 100
141 88.1 72.4 108.6
115 36.2 29.6 44.4



#38
1-Methylnaphthalene
Concen: 2.227 ng
RT: 12.522 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Tgt Ion:142 Resp: 66881
Ion Ratio Lower Upper
142 100
141 91.6 75.0 112.4
116 4.4 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.475 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BM036191.D

Acq: 10 Aug 2022 14:25

Instrument :

BNA_M

ClientSampleId :

MW-9R

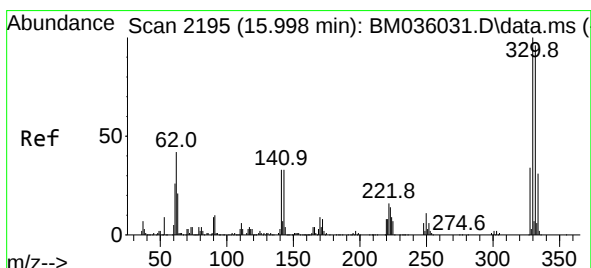
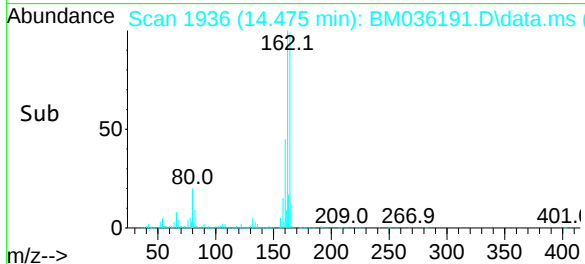
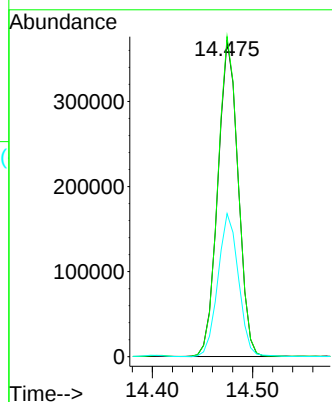
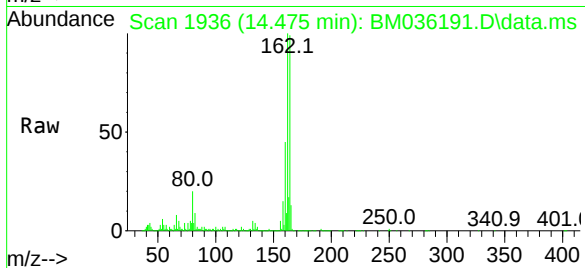
Tgt Ion:164 Resp: 522422

Ion Ratio Lower Upper

164 100

162 101.1 83.0 124.6

160 45.2 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 136.363 ng

RT: 15.969 min Scan# 2190

Delta R.T. 0.000 min

Lab File: BM036191.D

Acq: 10 Aug 2022 14:25

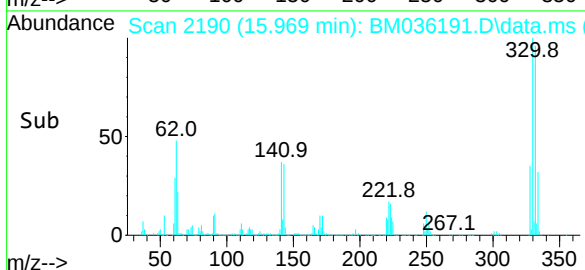
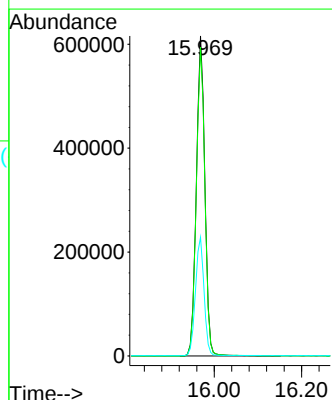
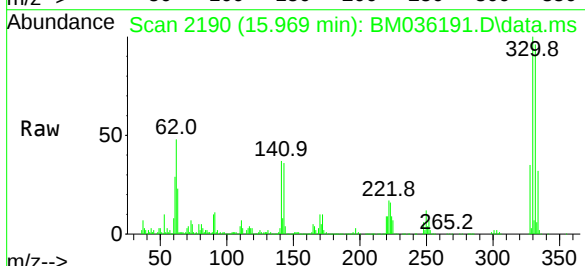
Tgt Ion:330 Resp: 835729

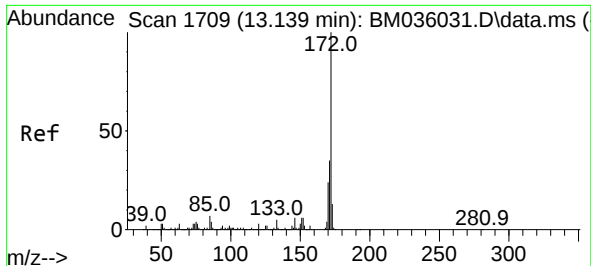
Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.4

141 37.3 35.3 52.9

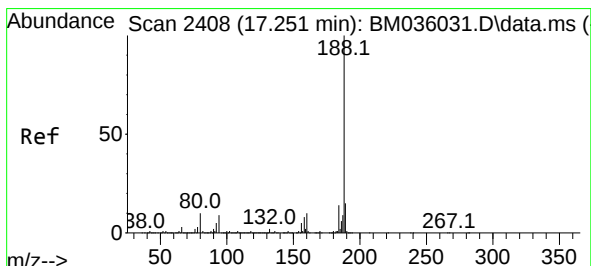
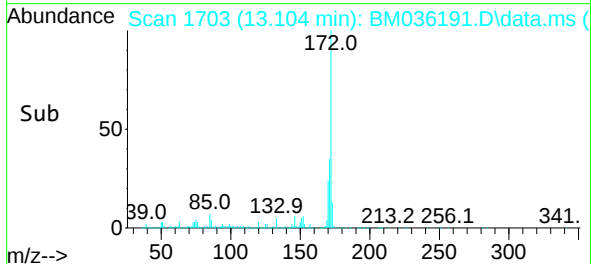
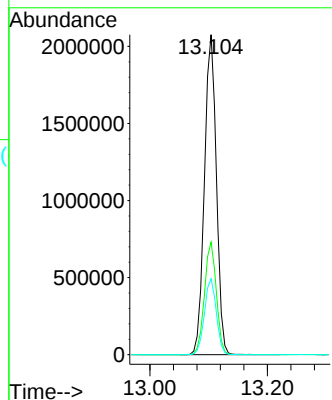
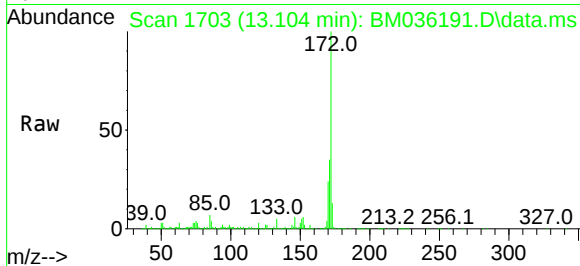




#45
2-Fluorobiphenyl
Concen: 82.994 ng
RT: 13.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

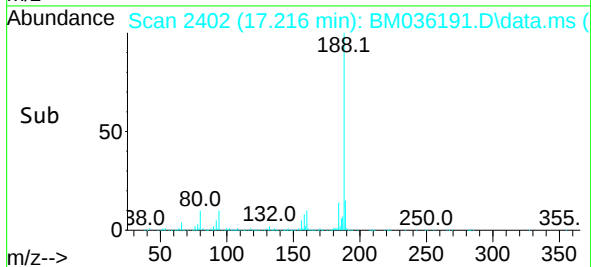
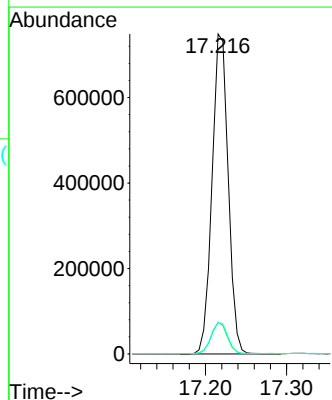
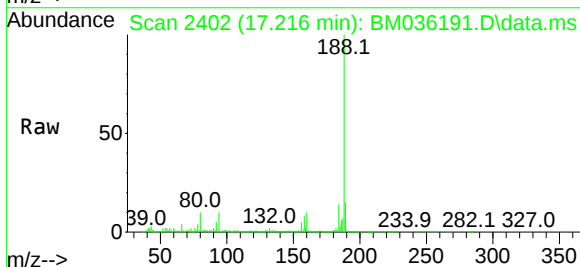
Instrument :
BNA_M
ClientSampleId :
MW-9R

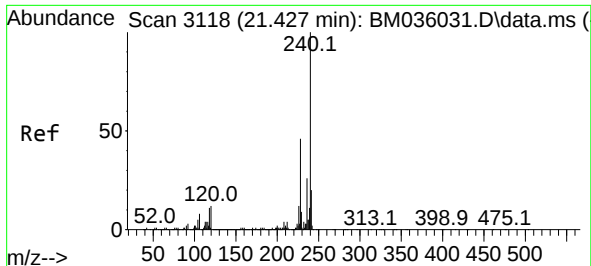
Tgt Ion:172 Resp: 2936568
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.7 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Tgt Ion:188 Resp: 1032576
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.4
80 9.9 7.6 11.4

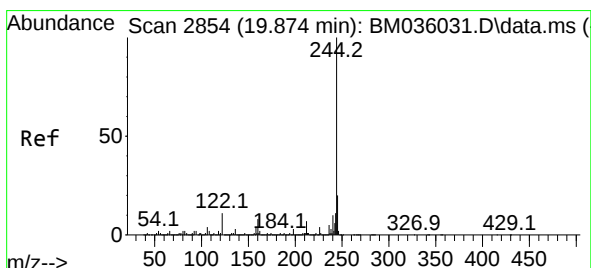
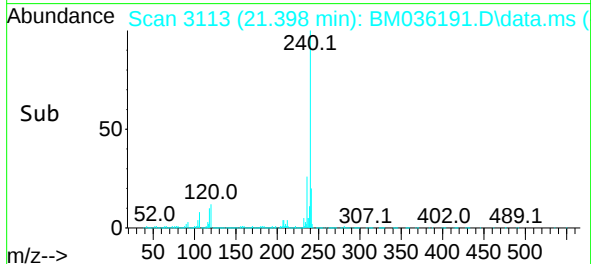
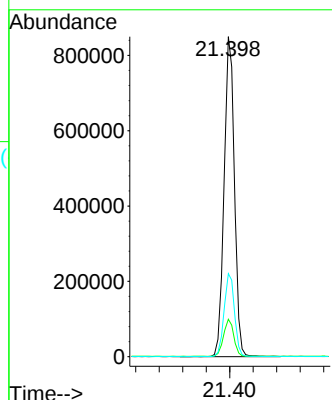
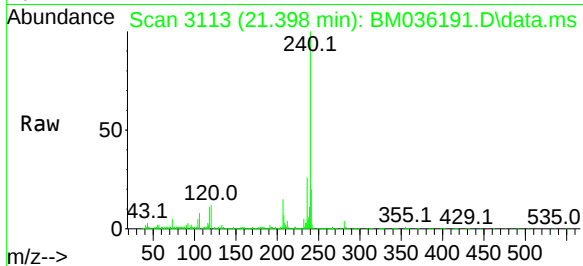




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

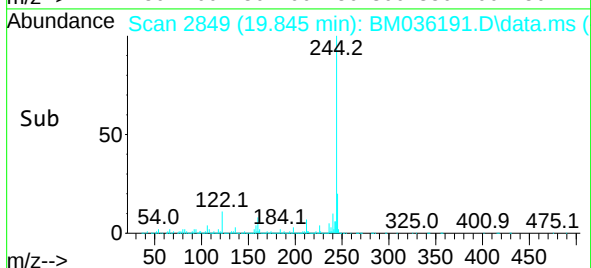
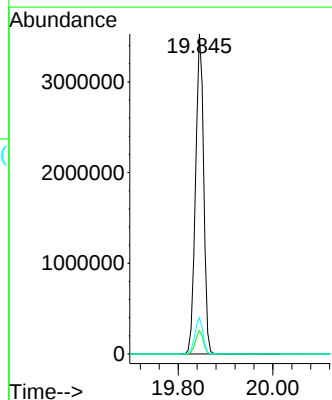
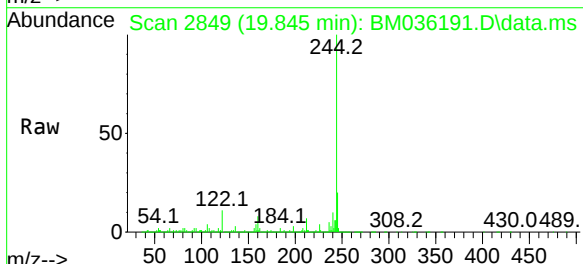
Instrument :
BNA_M
ClientSampleId :
MW-9R

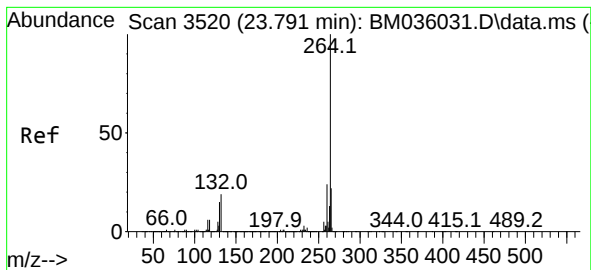
Tgt Ion:240 Resp: 1038252
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.0
236 26.0 20.6 30.8



#79
Terphenyl-d14
Concen: 79.685 ng
RT: 19.845 min Scan# 2849
Delta R.T. 0.000 min
Lab File: BM036191.D
Acq: 10 Aug 2022 14:25

Tgt Ion:244 Resp: 4194448
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 11.3 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.750 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BM036191.D
 Acq: 10 Aug 2022 14:25

Instrument :
 BNA_M
 ClientSampleId :
 MW-9R

Tgt Ion:264 Resp: 1141398

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.3	17.5	26.3

