

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
 Data File : BM036200.D
 Acq On : 10 Aug 2022 20:00
 Operator : CG/JU
 Sample : N3971-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-16SR

Quant Time: Aug 10 22:28:22 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)

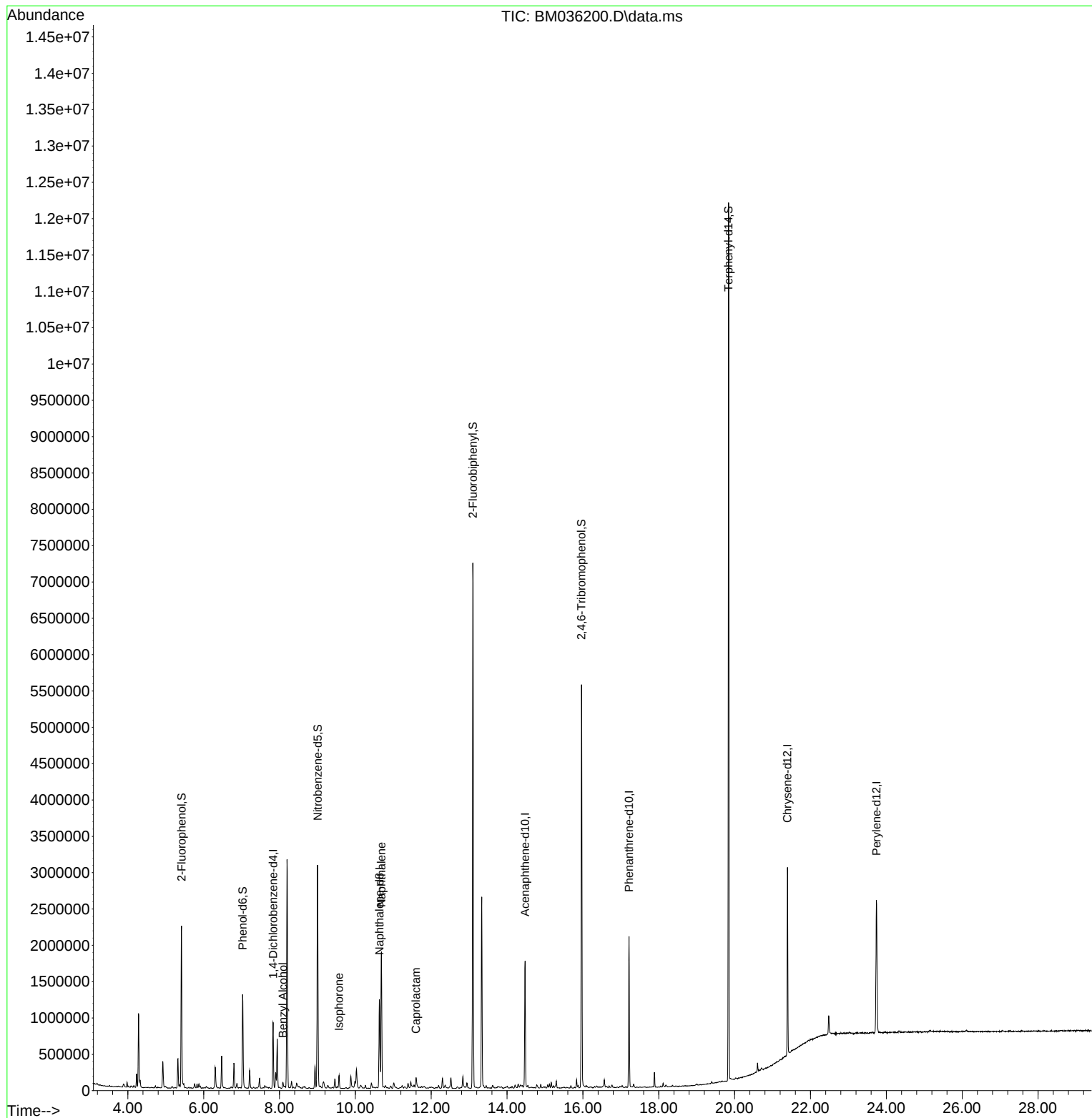
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	247459	20.000	ng	0.00
21) Naphthalene-d8	10.633	136	1018033	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	580863	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1197558	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1216048	20.000	ng	0.00
86) Perylene-d12	23.738	264	1297727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	985644	64.576	ng	0.00
7) Phenol-d6	7.028	99	737714	37.984	ng	0.00
23) Nitrobenzene-d5	9.004	82	1650572	90.757	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	988963	145.131	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	3578109	90.951	ng	0.00
79) Terphenyl-d14	19.839	244	5521800	89.564	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.087	79	33353	2.559	ng	95
25) Isophorone	9.569	82	119716	4.046	ng	99
31) Naphthalene	10.686	128	1534531	30.318	ng	99
35) Caprolactam	11.598	113	32146	7.429	ng	97

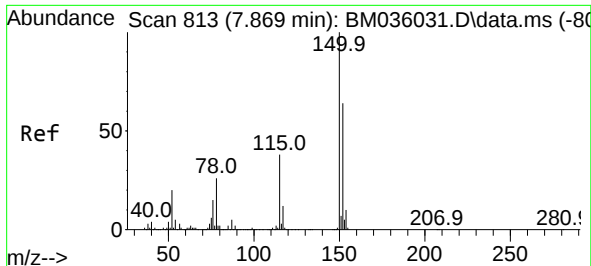
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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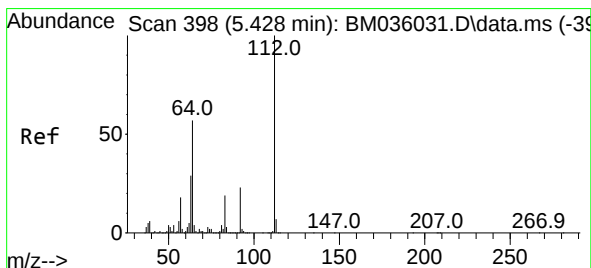
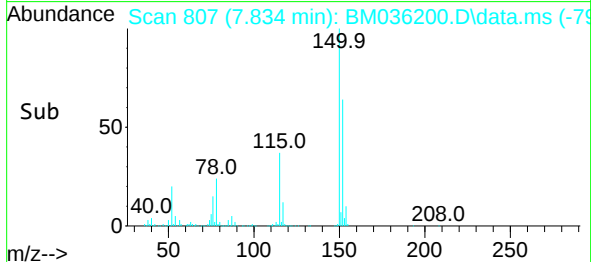
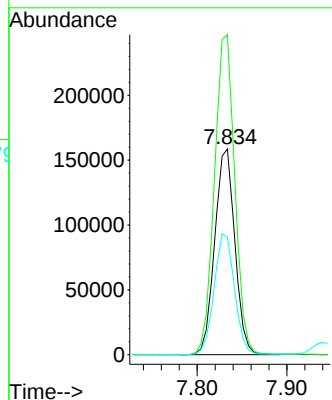
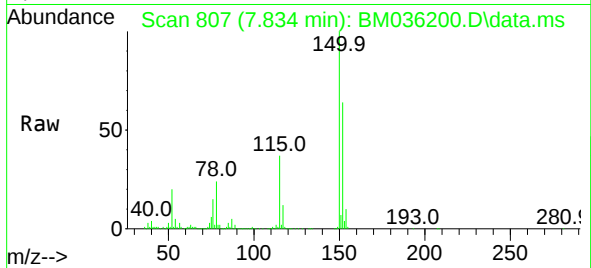




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

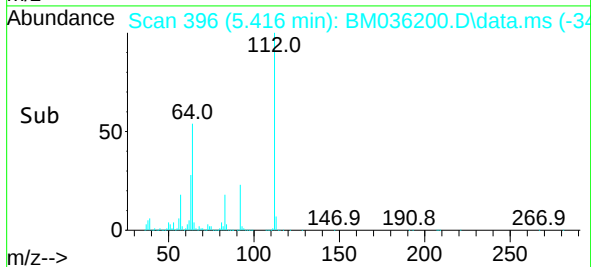
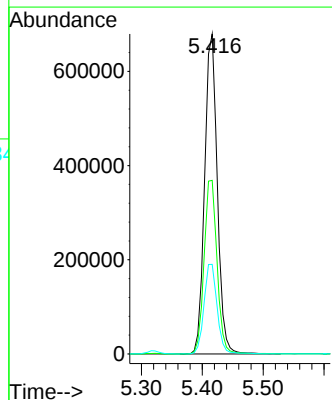
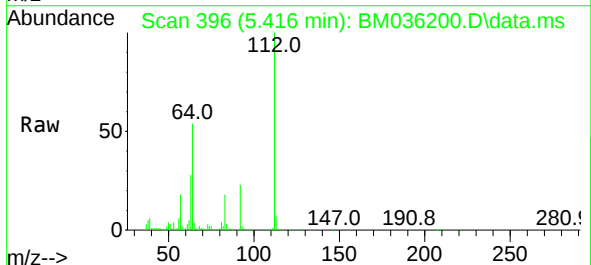
Instrument :
BNA_M
ClientSampleId :
MW-16SR

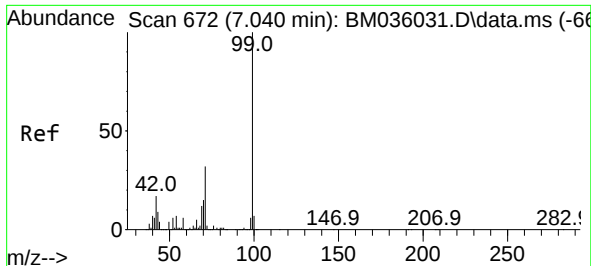
Tgt Ion:152 Resp: 247459
Ion Ratio Lower Upper
152 100
150 155.5 124.9 187.3
115 57.1 47.9 71.9



#5
2-Fluorophenol
Concen: 64.576 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

Tgt Ion:112 Resp: 985644
Ion Ratio Lower Upper
112 100
64 54.2 47.8 71.6
63 28.0 26.6 40.0

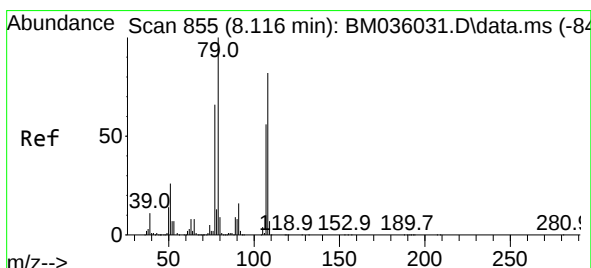
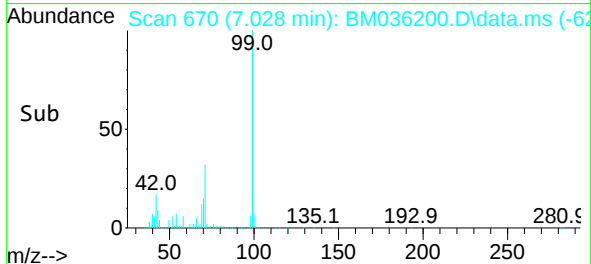
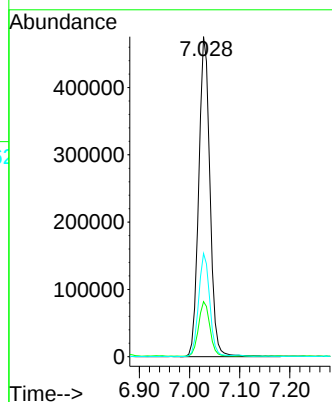
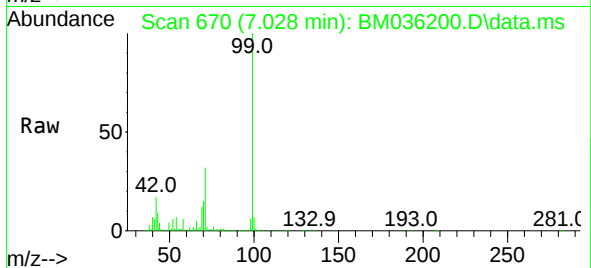




#7
Phenol-d6
Concen: 37.984 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

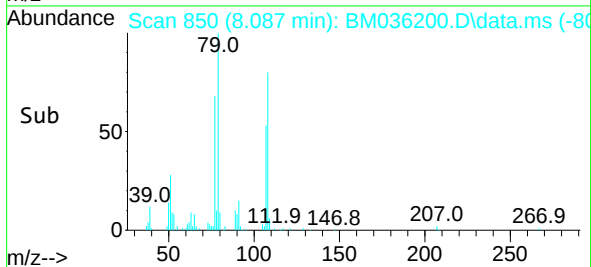
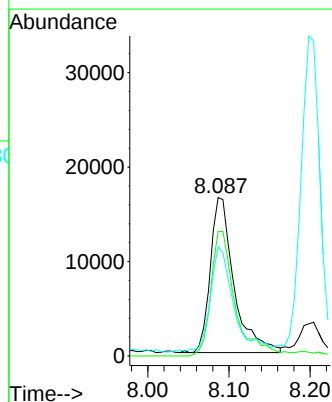
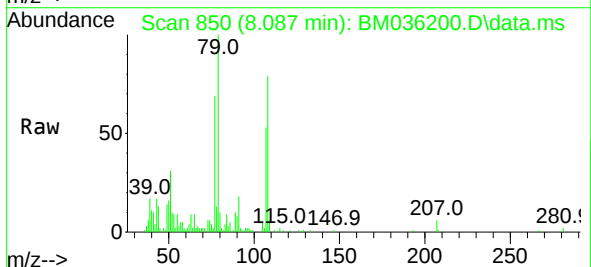
Instrument :
BNA_M
ClientSampleId :
MW-16SR

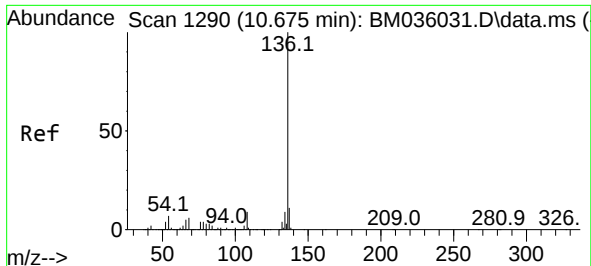
Tgt Ion: 99 Resp: 737714
Ion Ratio Lower Upper
99 100
42 17.2 18.8 28.2#
71 32.2 30.2 45.2



#15
Benzyl Alcohol
Concen: 2.559 ng
RT: 8.087 min Scan# 850
Delta R.T. -0.006 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

Tgt Ion: 79 Resp: 33353
Ion Ratio Lower Upper
79 100
108 78.7 59.0 88.4
77 69.0 52.2 78.4



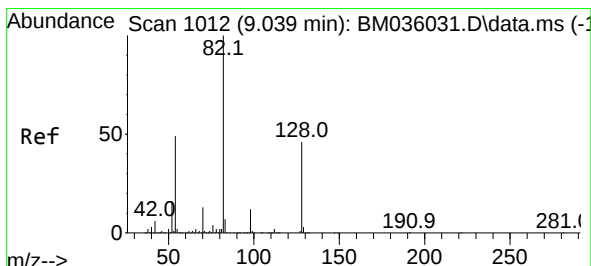
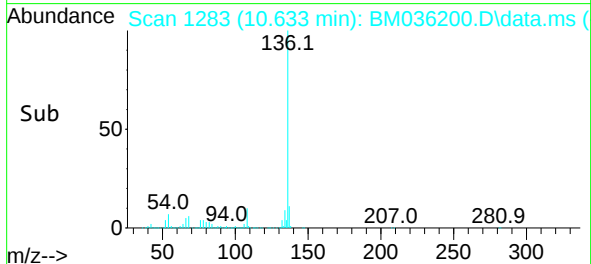
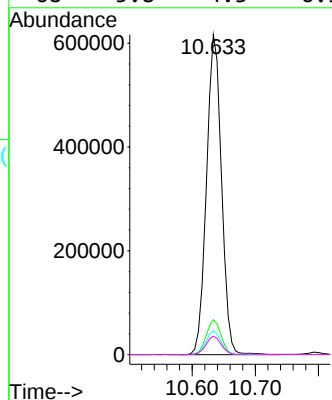
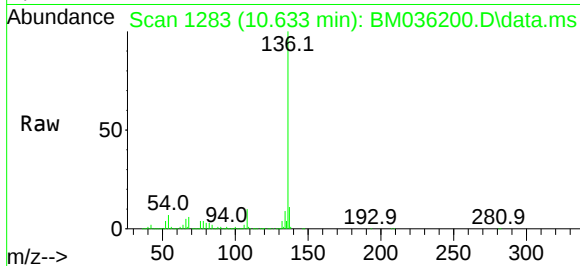


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

Instrument :
BNA_M
ClientSampleId :
MW-16SR

Tgt Ion: 136 Resp: 1018033

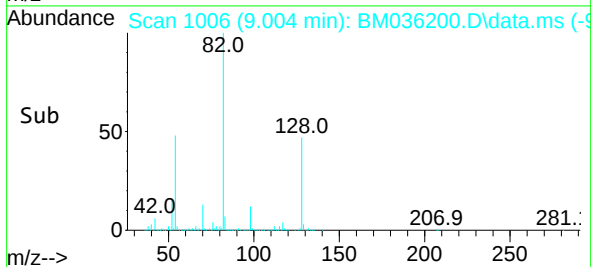
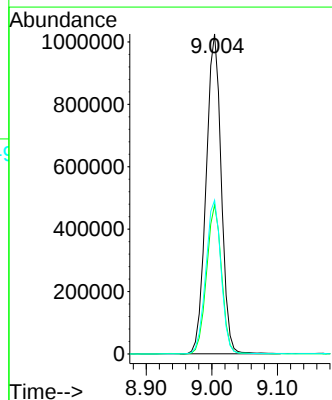
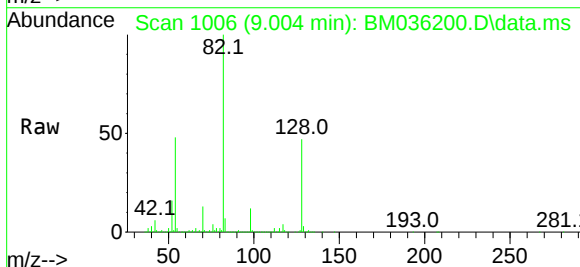
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	7.0	10.4
68	5.8	4.3	6.5

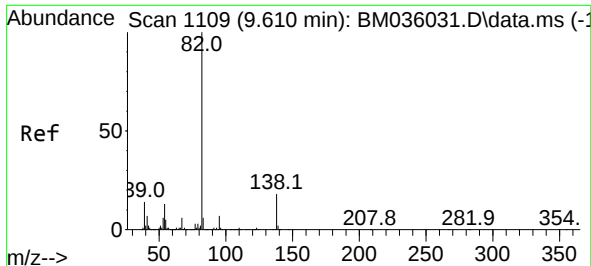


#23
Nitrobenzene-d5
Concen: 90.757 ng
RT: 9.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

Tgt Ion: 82 Resp: 1650572

Ion	Ratio	Lower	Upper
82	100		
128	46.6	33.7	50.5
54	48.0	43.2	64.8

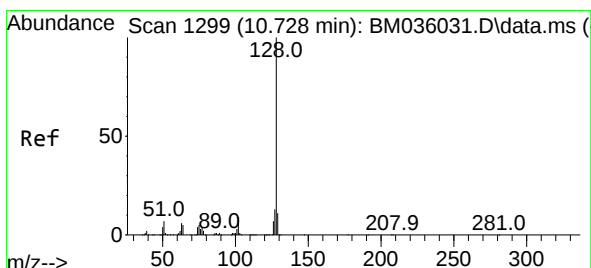
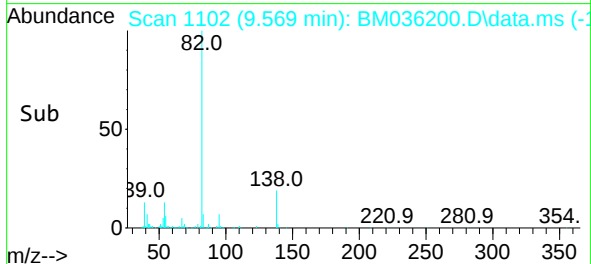
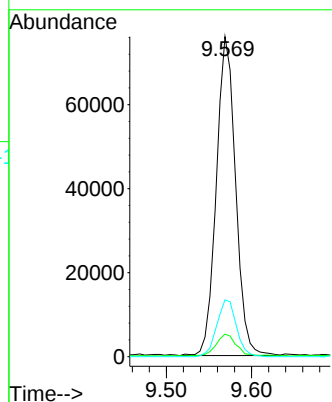
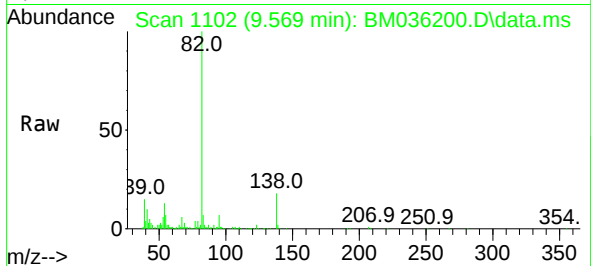




#25
Isophorone
Concen: 4.046 ng
RT: 9.569 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

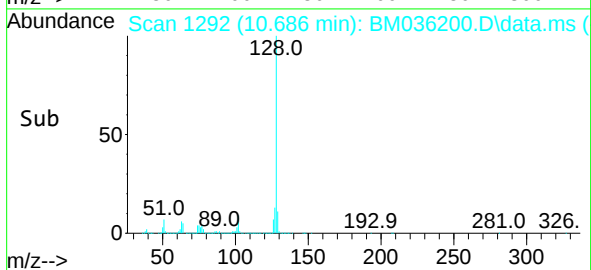
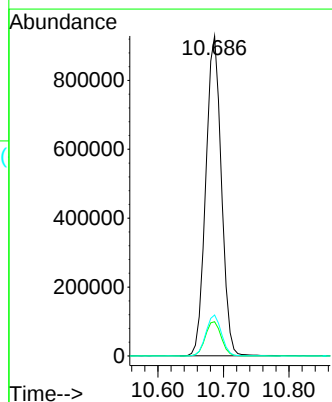
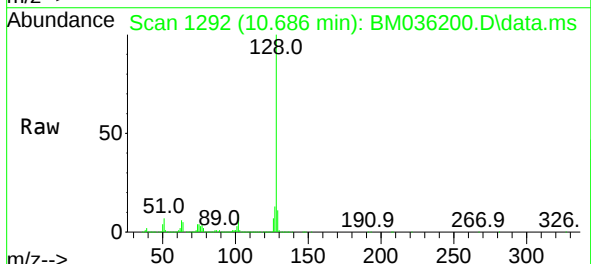
Instrument :
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ClientSampleId :
MW-16SR

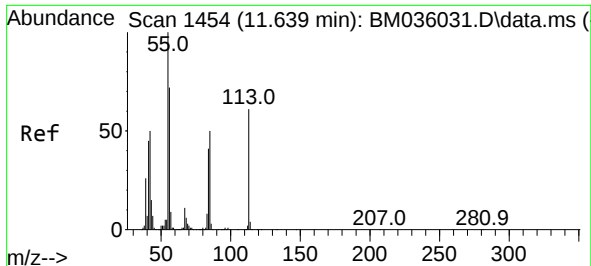
Tgt Ion: 82 Resp: 119716
Ion Ratio Lower Upper
82 100
95 7.0 6.4 9.6
138 17.8 14.2 21.4



#31
Naphthalene
Concen: 30.318 ng
RT: 10.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

Tgt Ion: 128 Resp: 1534531
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.8 10.6 16.0

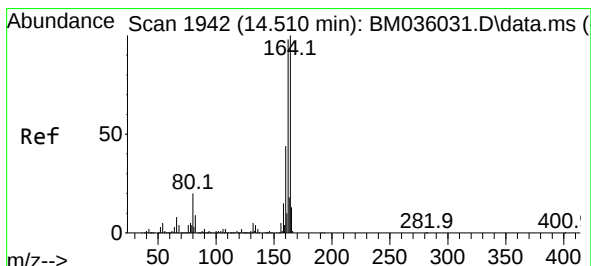
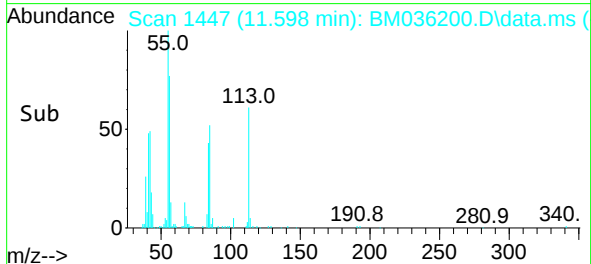
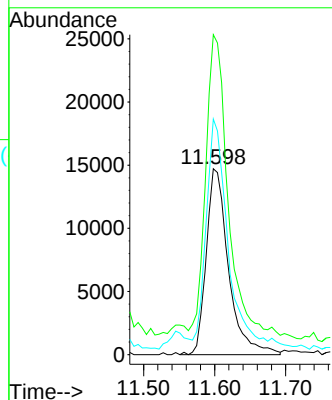
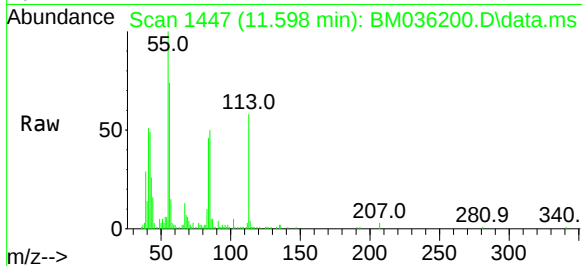




#35
Caprolactam
Concen: 7.429 ng
RT: 11.598 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

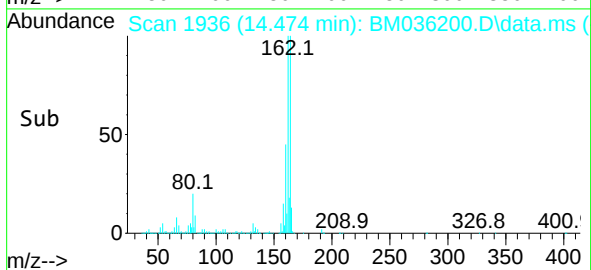
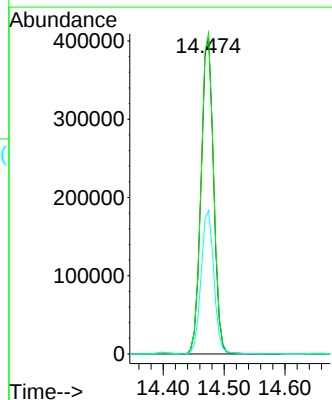
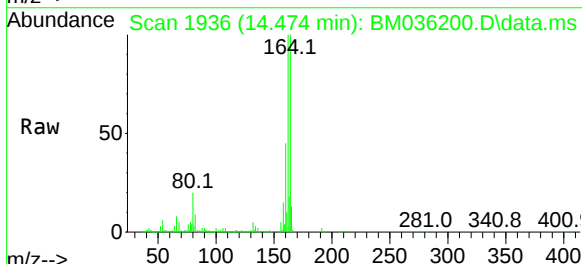
Instrument :
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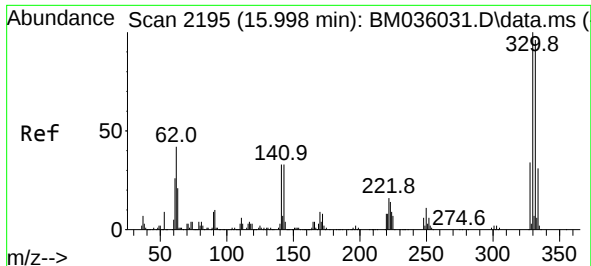
Tgt Ion:113 Resp: 32146
Ion Ratio Lower Upper
113 100
55 172.2 150.1 190.1
56 126.8 111.7 151.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

Tgt Ion:164 Resp: 580863
Ion Ratio Lower Upper
164 100
162 100.3 83.0 124.6
160 44.9 37.0 55.4

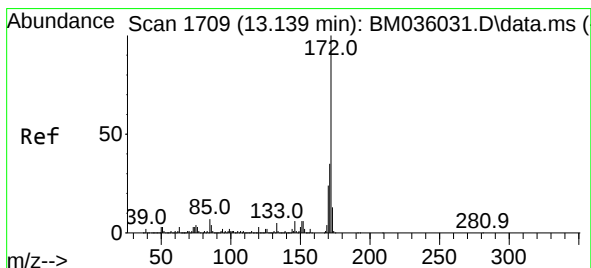
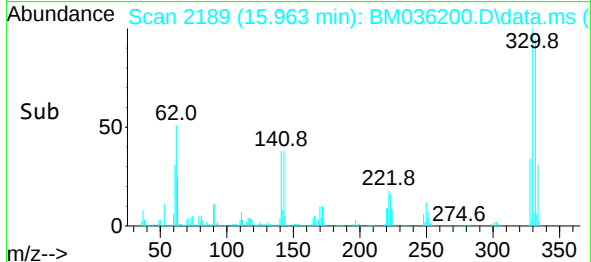
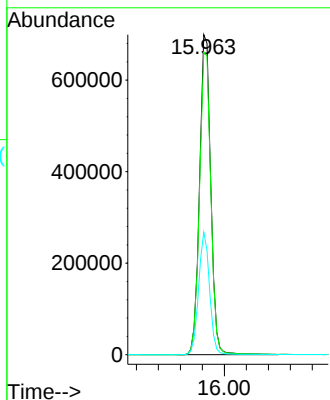
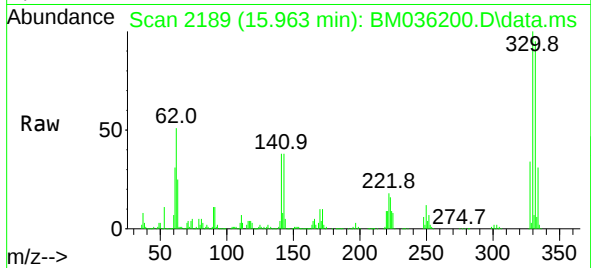




#42
2,4,6-Tribromophenol
Concen: 145.131 ng
RT: 15.963 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

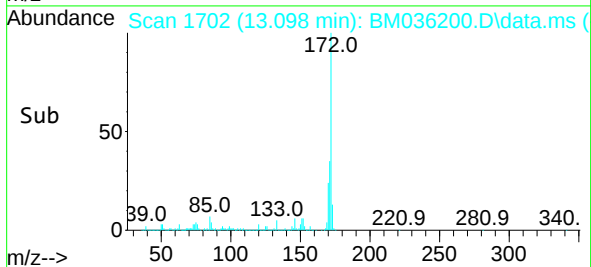
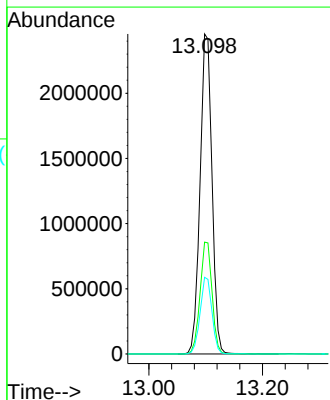
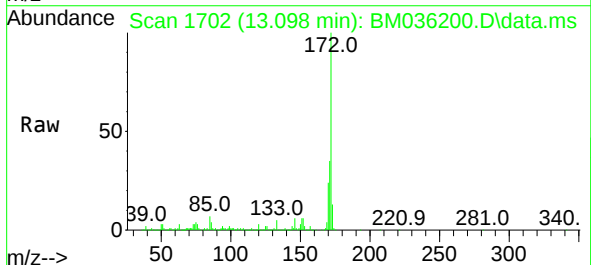
Instrument :
BNA_M
ClientSampleId :
MW-16SR

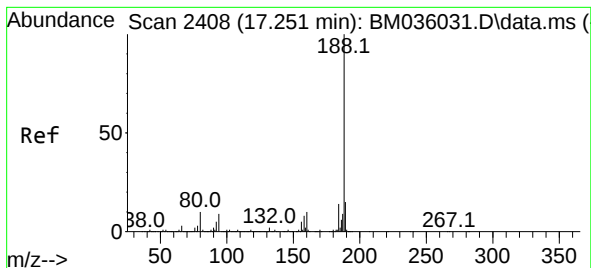
Tgt Ion:330 Resp: 988963
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 37.6 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 90.951 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM036200.D
Acq: 10 Aug 2022 20:00

Tgt Ion:172 Resp: 3578109
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.9 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.215 min Scan# 2402

Delta R.T. -0.000 min

Lab File: BM036200.D

Acq: 10 Aug 2022 20:00

Instrument :

BNA_M

ClientSampleId :

MW-16SR

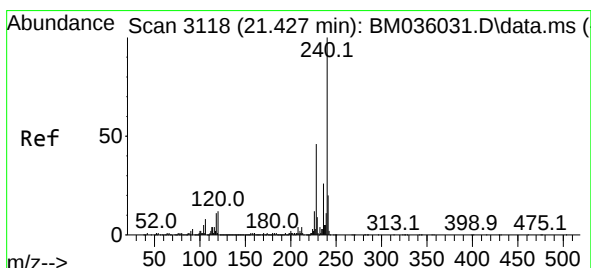
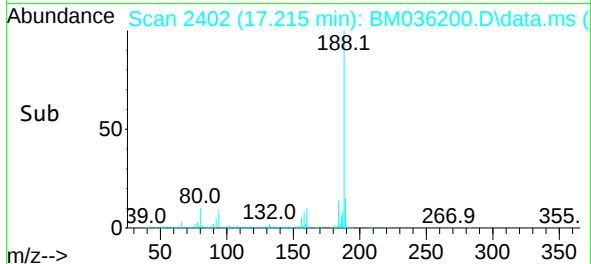
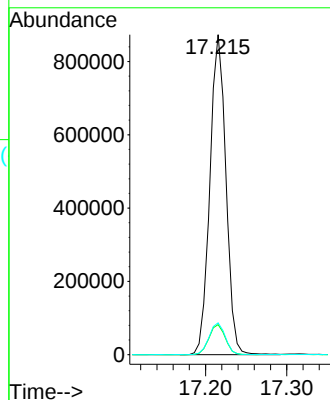
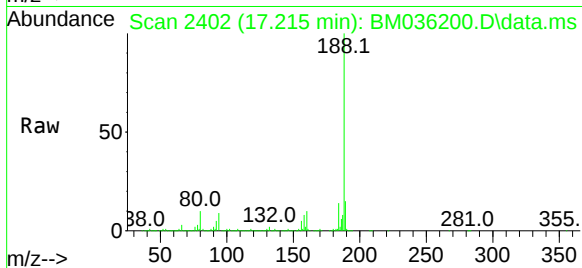
Tgt Ion:188 Resp: 1197558

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 9.9 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM036200.D

Acq: 10 Aug 2022 20:00

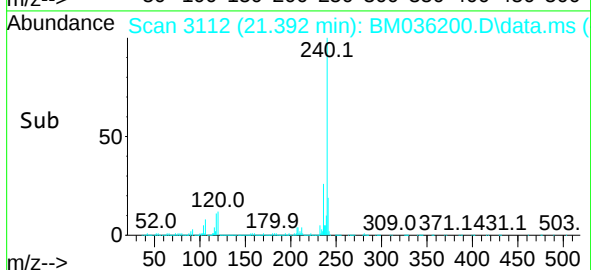
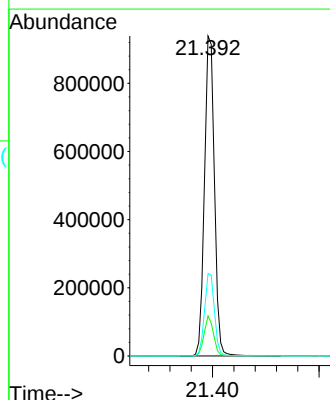
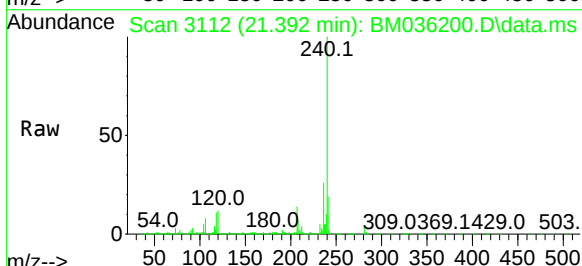
Tgt Ion:240 Resp: 1216048

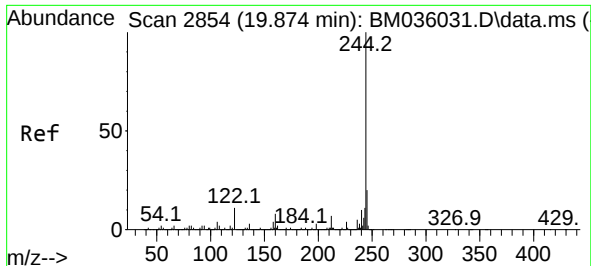
Ion Ratio Lower Upper

240 100

120 12.5 9.4 14.0

236 25.7 20.6 30.8

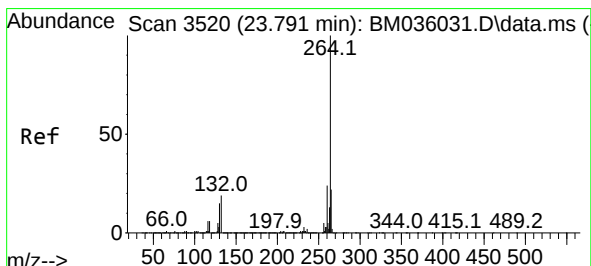
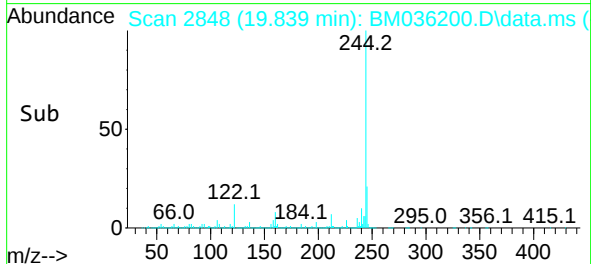
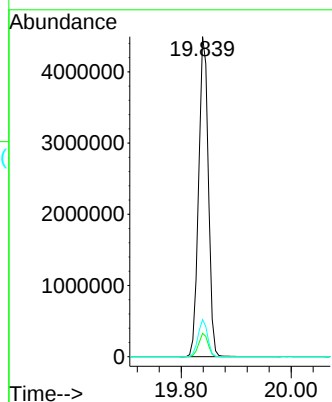
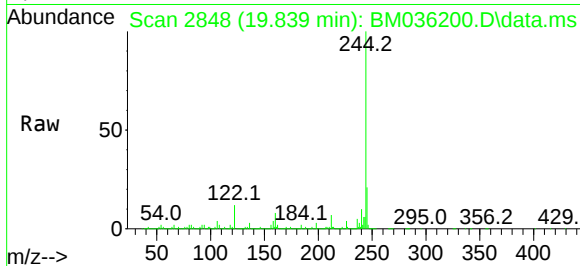




#79
 Terphenyl-d14
 Concen: 89.564 ng
 RT: 19.839 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036200.D
 Acq: 10 Aug 2022 20:00

Instrument :
 BNA_M
 ClientSampleId :
 MW-16SR

Tgt Ion:244 Resp: 5521800
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 11.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.738 min Scan# 3511
 Delta R.T. -0.006 min
 Lab File: BM036200.D
 Acq: 10 Aug 2022 20:00

Tgt Ion:264 Resp: 1297727
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 22.8 17.5 26.3

