

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
 Data File : BM028500.D
 Acq On : 21 Jan 2021 22:20
 Operator : CG/JU
 Sample : M1157-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-1

Quant Time: Jan 21 23:35:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 20 14:45:01 2021
 Response via : Initial Calibration

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

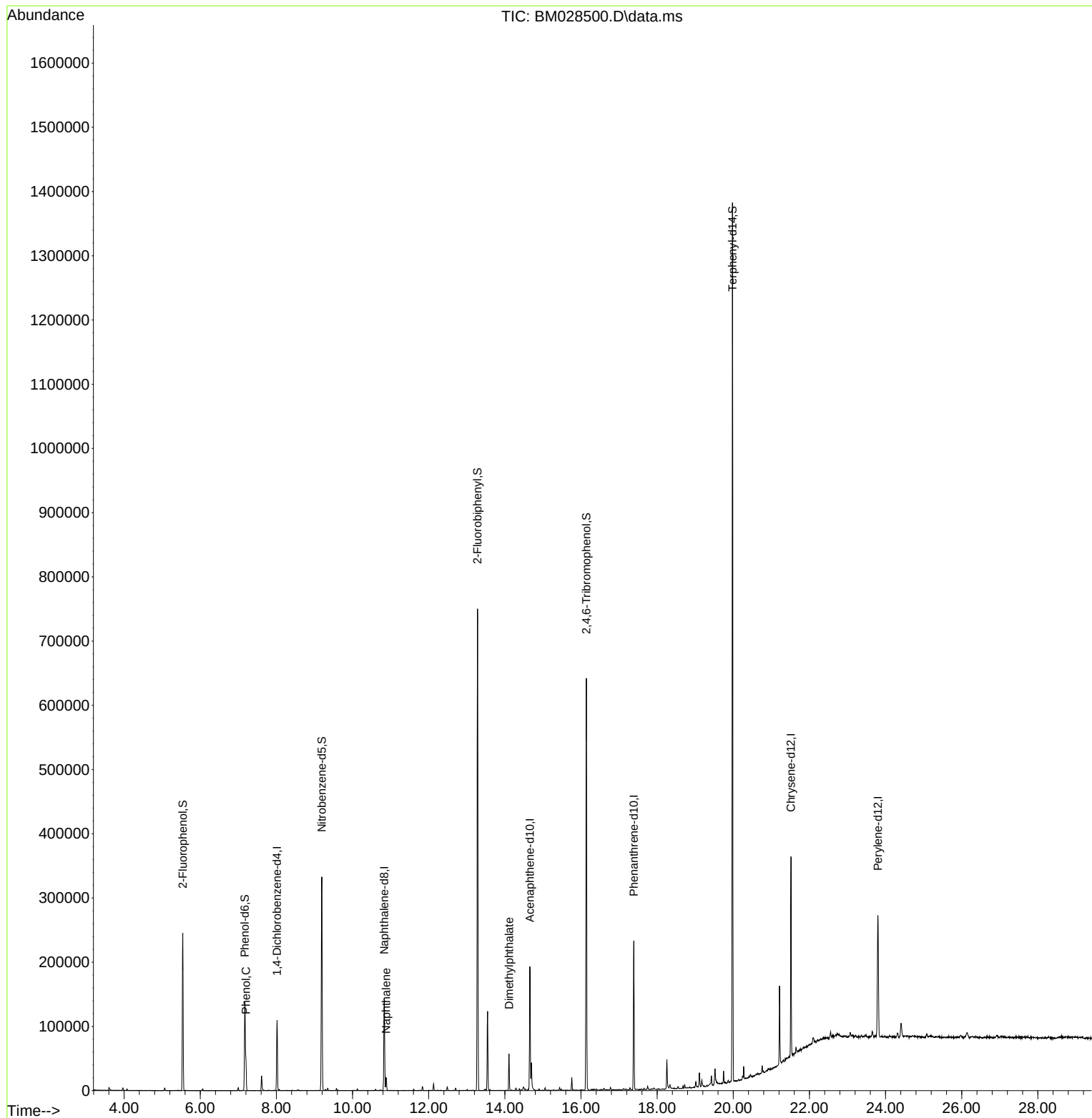
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	28955	20.00	ng	-0.02
21) Naphthalene-d8	10.833	136	112218	20.00	ng	#-0.02
39) Acenaphthene-d10	14.657	164	63472	20.00	ng	-0.02
64) Phenanthrene-d10	17.386	188	129719	20.00	ng	#-0.02
76) Chrysene-d12	21.515	240	127762	20.00	ng	#-0.02
86) Perylene-d12	23.797	264	125795	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	96103	52.43	ng	-0.01
7) Phenol-d6	7.169	99	71099	28.49	ng	-0.02
23) Nitrobenzene-d5	9.192	82	174116	73.59	ng	-0.02
42) 2,4,6-Tribromophenol	16.139	330	106910	127.13	ng	-0.02
45) 2-Fluorobiphenyl	13.280	172	382642	75.63	ng	-0.02
79) Terphenyl-d14	19.980	244	530424	74.97	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.198	94	21754	9.25	ng	89
31) Naphthalene	10.880	128	16579	2.61	ng	99
50) Dimethylphthalate	14.110	163	33564	6.43	ng	99

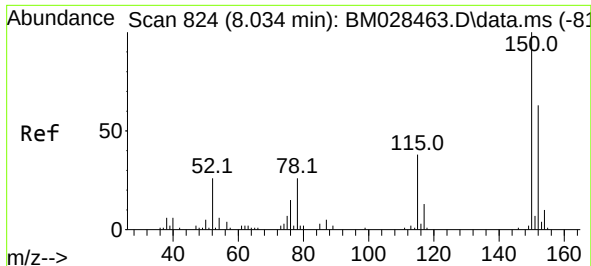
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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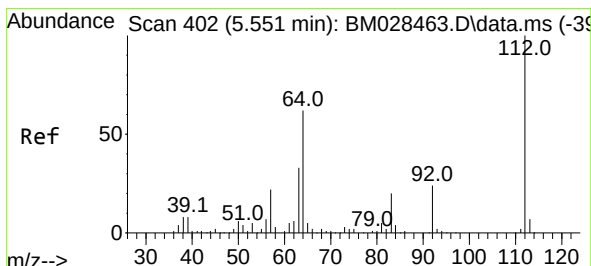
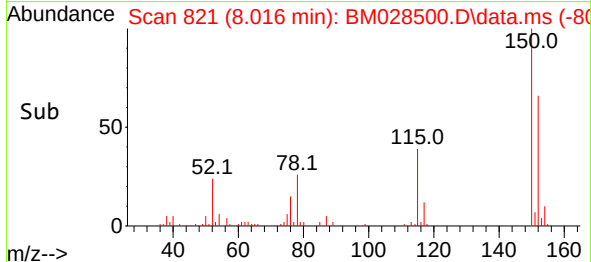
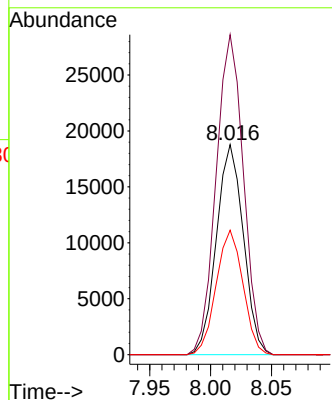
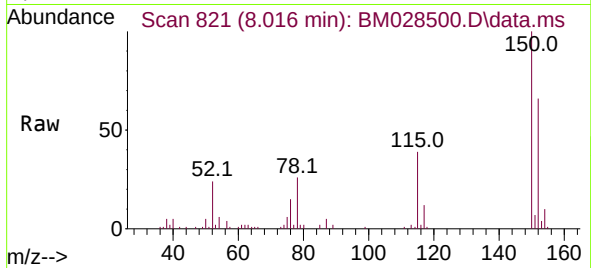




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.016 min Scan# 821
Delta R.T. -0.018 min
Lab File: BM028500.D
Acq: 21 Jan 2021 22:20

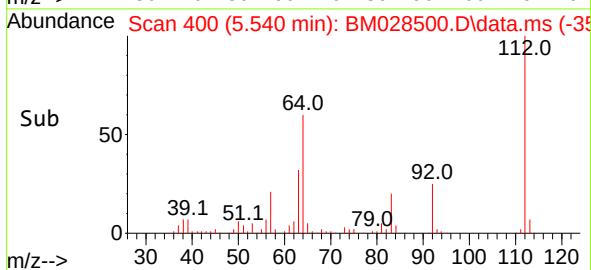
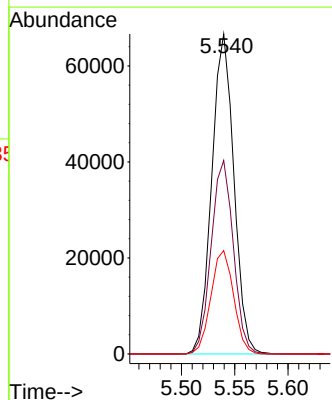
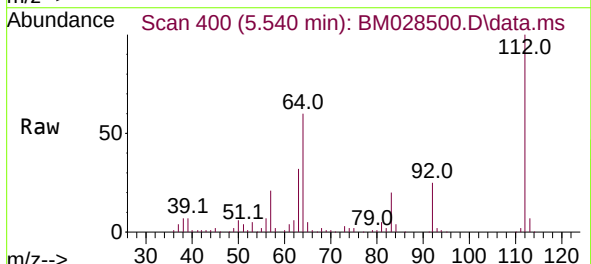
Instrument :
BNA_M
ClientSampled :
MW-1

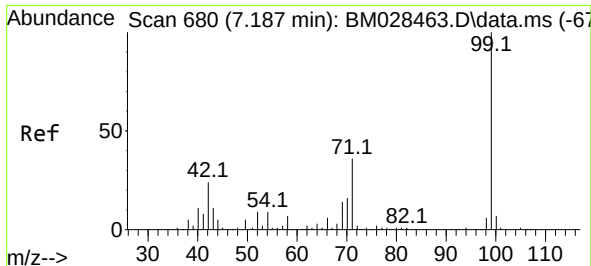
Tgt Ion:152 Resp: 28955
Ion Ratio Lower Upper
152 100
150 152.4 120.6 181.0
115 59.3 47.2 70.8



#5
2-Fluorophenol
Concen: 52.43 ng
RT: 5.540 min Scan# 400
Delta R.T. -0.012 min
Lab File: BM028500.D
Acq: 21 Jan 2021 22:20

Tgt Ion:112 Resp: 96103
Ion Ratio Lower Upper
112 100
64 60.5 50.6 76.0
63 32.3 31.0 46.6

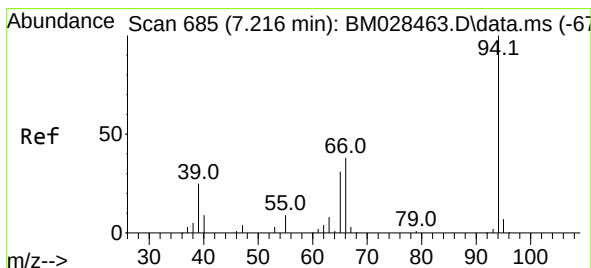
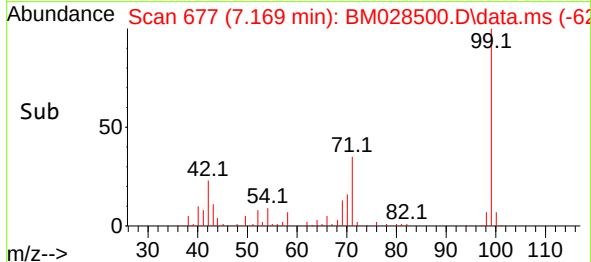
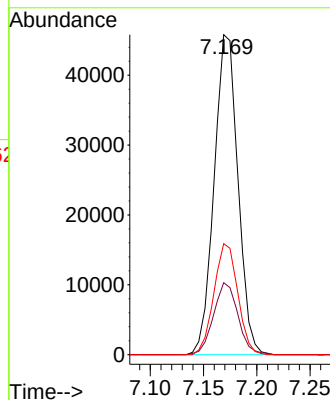
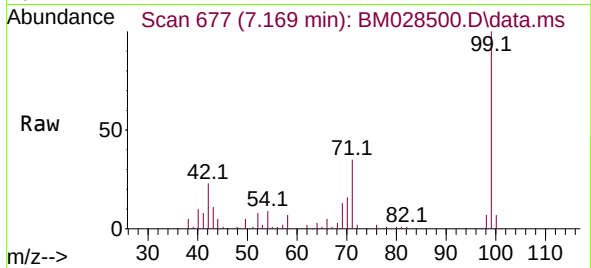




#7
Phenol-d6
Concen: 28.49 ng
RT: 7.169 min Scan# 677
Delta R.T. -0.018 min
Lab File: BM028500.D
Acq: 21 Jan 2021 22:20

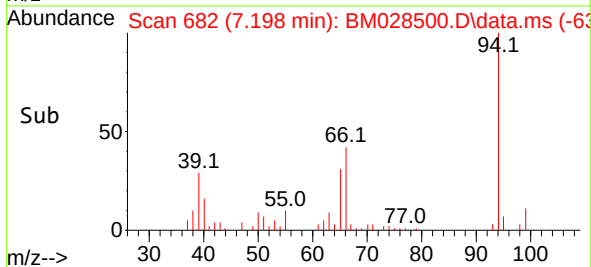
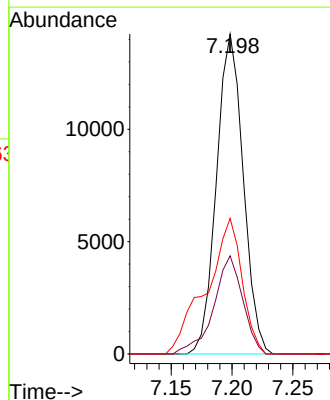
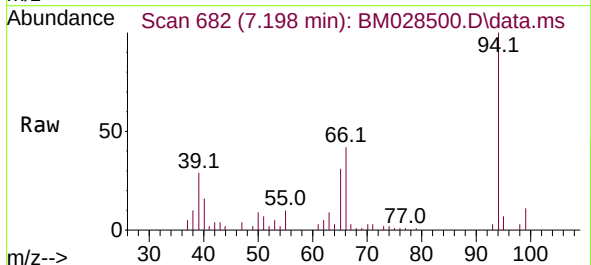
Instrument :
BNA_M
ClientSampled :
MW-1

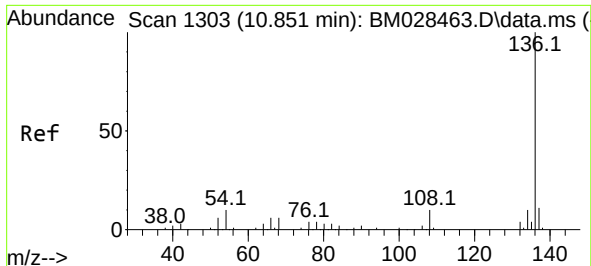
Tgt Ion: 99 Resp: 71099
Ion Ratio Lower Upper
99 100
42 22.5 13.5 20.3#
71 34.7 39.4 59.0#



#10
Phenol
Concen: 9.25 ng
RT: 7.198 min Scan# 682
Delta R.T. -0.018 min
Lab File: BM028500.D
Acq: 21 Jan 2021 22:20

Tgt Ion: 94 Resp: 21754
Ion Ratio Lower Upper
94 100
65 30.6 16.4 56.4
66 42.4 30.2 70.2

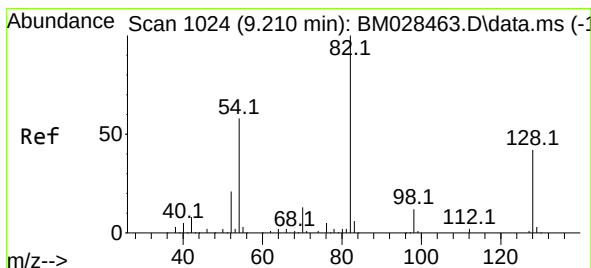
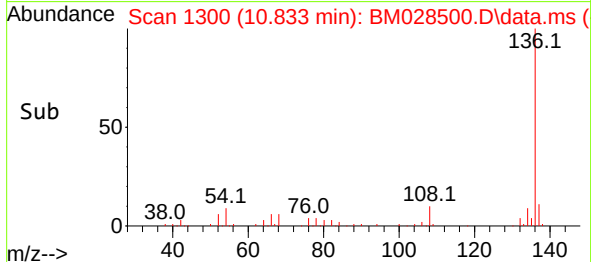
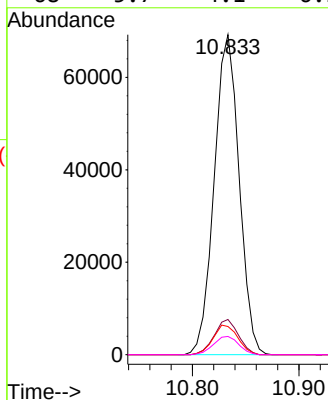
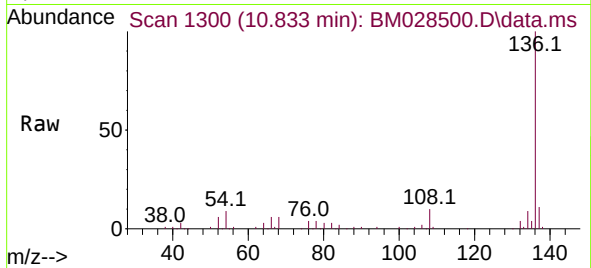




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.833 min Scan# 1300
Delta R.T. -0.018 min
Lab File: BM028500.D
Acq: 21 Jan 2021 22:20

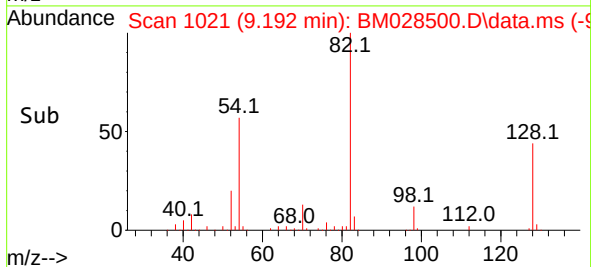
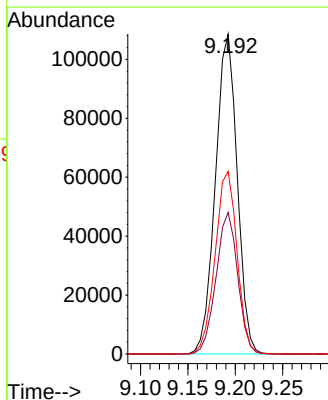
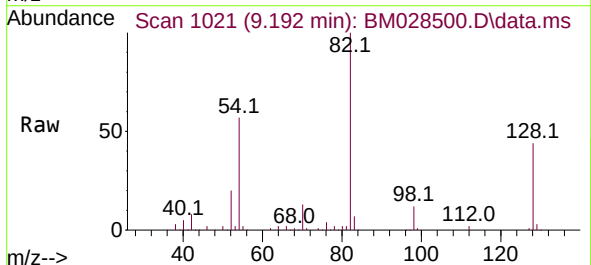
Instrument :
BNA_M
ClientSampled :
MW-1

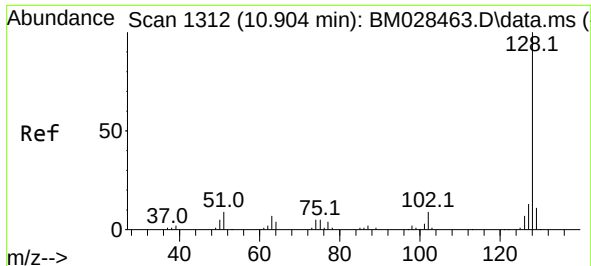
Tgt Ion:	136	Resp:	112218
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	12.8
54	8.8	4.6	7.0#
68	5.7	4.1	6.1



#23
Nitrobenzene-d5
Concen: 73.59 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.018 min
Lab File: BM028500.D
Acq: 21 Jan 2021 22:20

Tgt Ion:	82	Resp:	174116
Ion Ratio	Lower	Upper	
82	100		
128	44.2	27.4	41.0#
54	57.0	31.4	47.0#

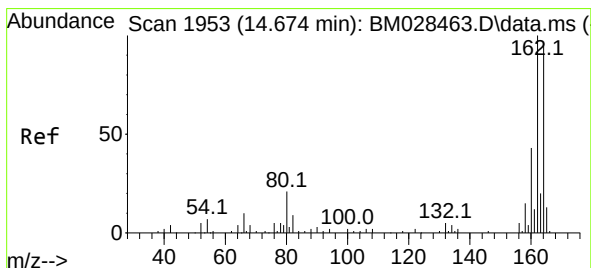
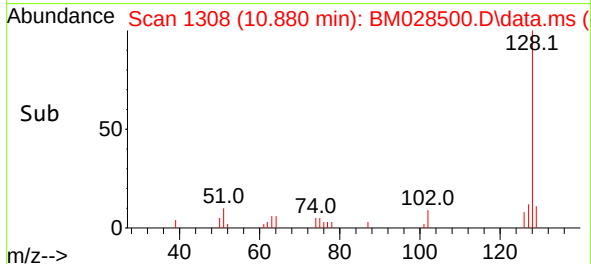
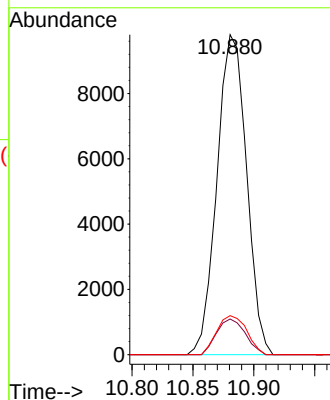
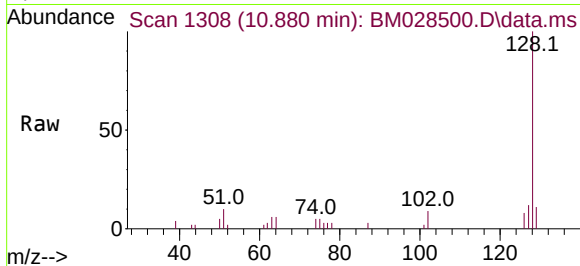




#31
Naphthalene
Concen: 2.61 ng
RT: 10.880 min Scan# 1308
Delta R.T. -0.024 min
Lab File: BM028500.D
Acq: 21 Jan 2021 22:20

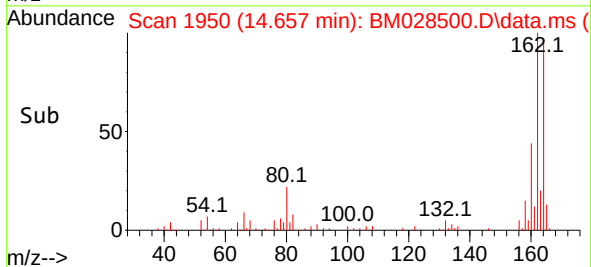
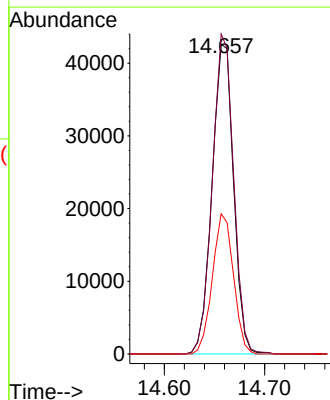
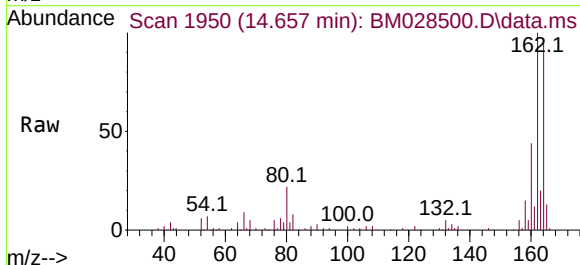
Instrument :
BNA_M
ClientSampled :
MW-1

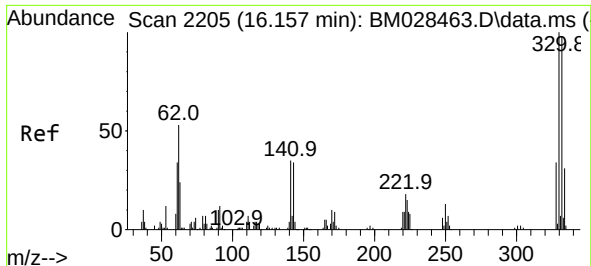
Tgt Ion:128 Resp: 16579
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 12.2 10.6 15.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.657 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BM028500.D
Acq: 21 Jan 2021 22:20

Tgt Ion:164 Resp: 63472
Ion Ratio Lower Upper
164 100
162 103.2 80.4 120.6
160 45.2 35.9 53.9

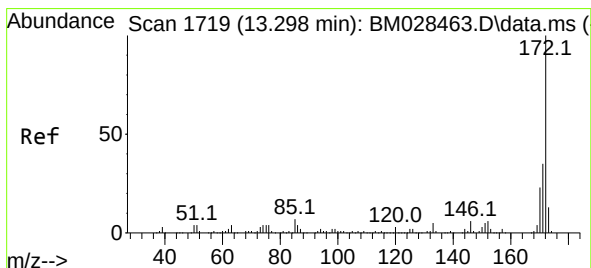
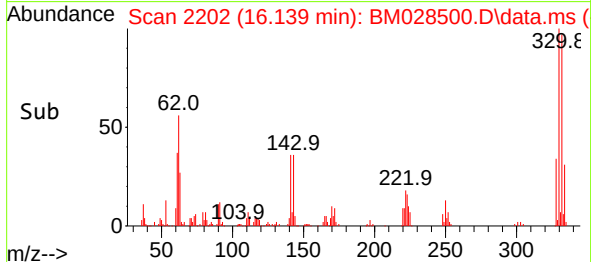
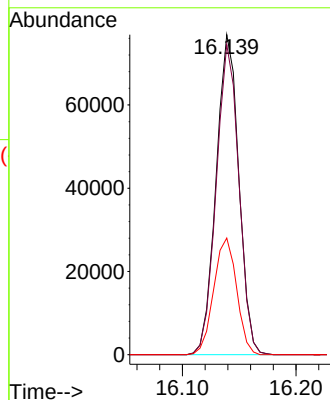
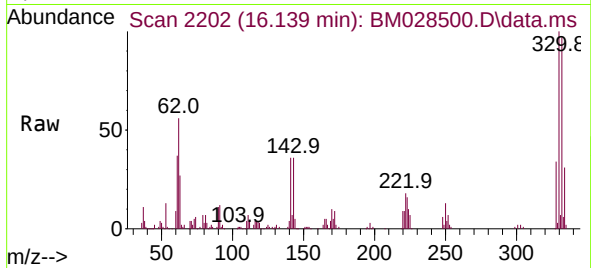




#42
2,4,6-Tribromophenol
Concen: 127.13 ng
RT: 16.139 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BM028500.D
Acq: 21 Jan 2021 22:20

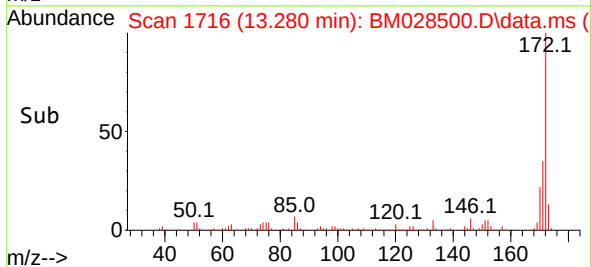
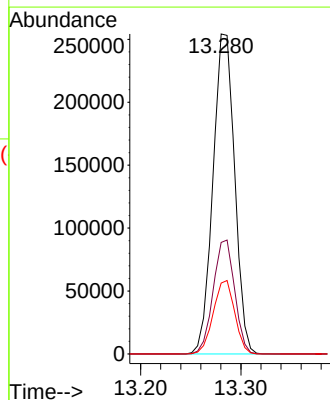
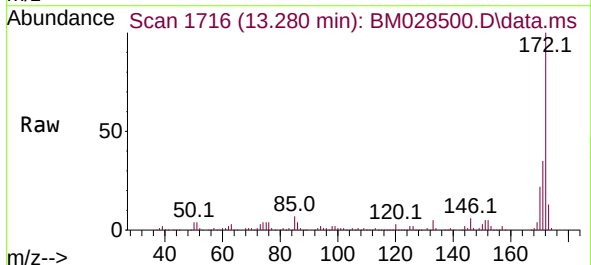
Instrument :
BNA_M
ClientSampled :
MW-1

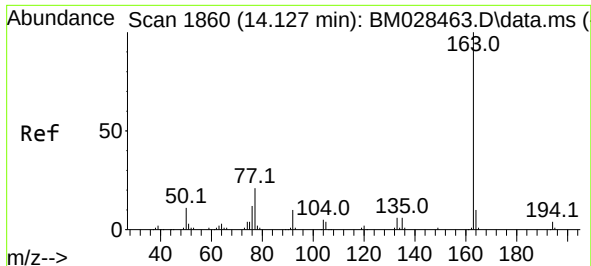
Tgt Ion:330 Resp: 106910
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 36.8 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 75.63 ng
RT: 13.280 min Scan# 1716
Delta R.T. -0.018 min
Lab File: BM028500.D
Acq: 21 Jan 2021 22:20

Tgt Ion:172 Resp: 382642
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 22.1 18.6 27.8

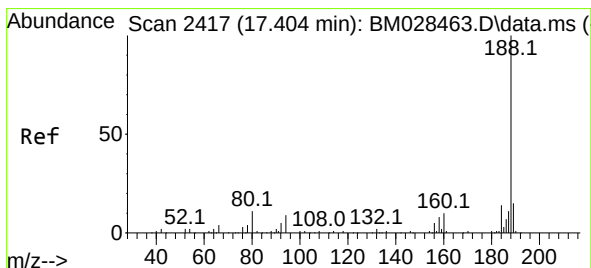
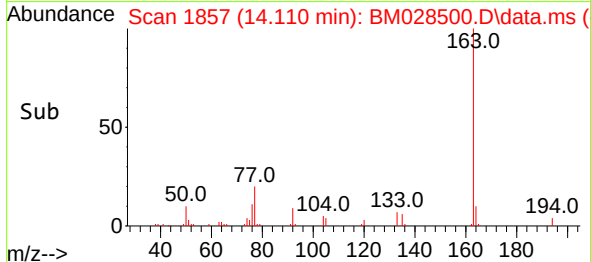
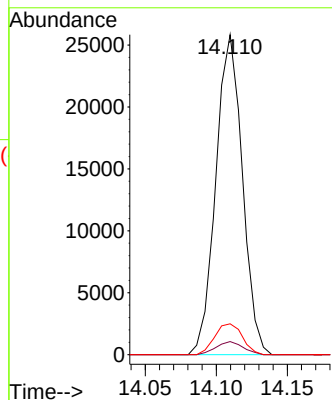
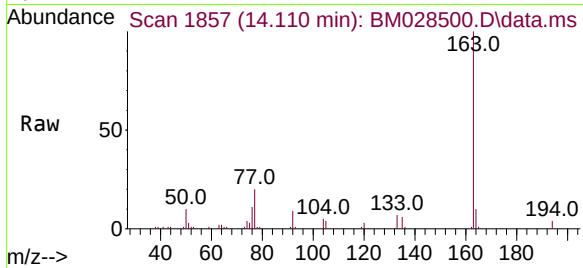




#50
Dimethylphthalate
Concen: 6.43 ng
RT: 14.110 min Scan# 1857
Delta R.T. -0.018 min
Lab File: BM028500.D
Acq: 21 Jan 2021 22:20

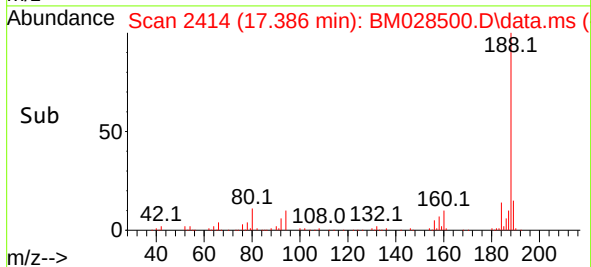
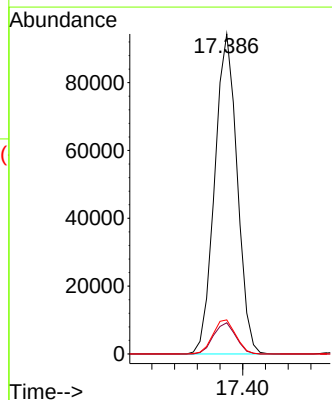
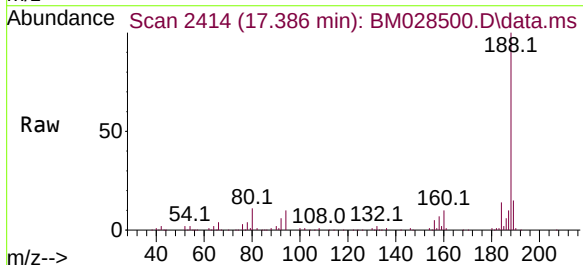
Instrument :
BNA_M
ClientSampled :
MW-1

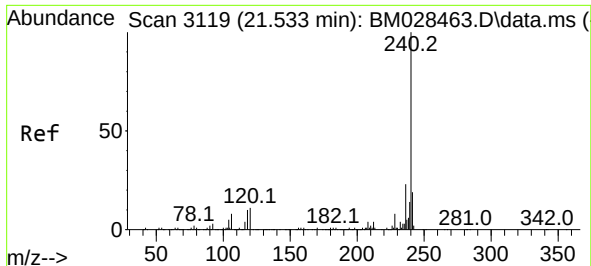
Tgt Ion:163 Resp: 33564
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 9.7 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.386 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BM028500.D
Acq: 21 Jan 2021 22:20

Tgt Ion:188 Resp: 129719
Ion Ratio Lower Upper
188 100
94 9.8 6.2 9.4#
80 10.7 7.5 11.3

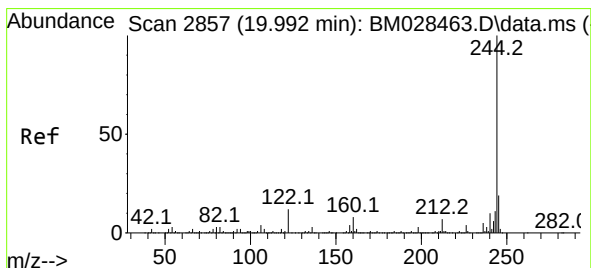
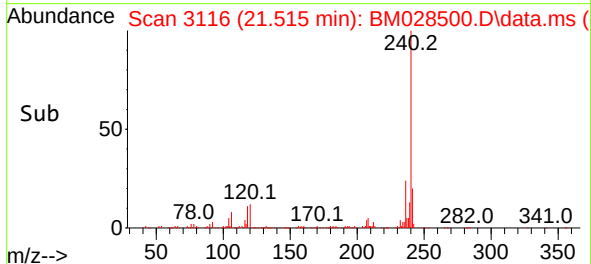
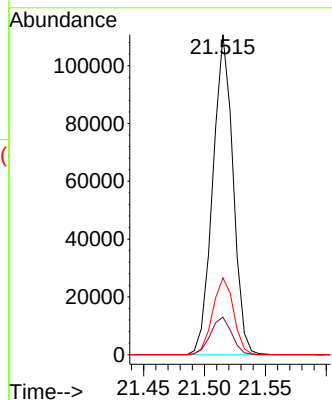
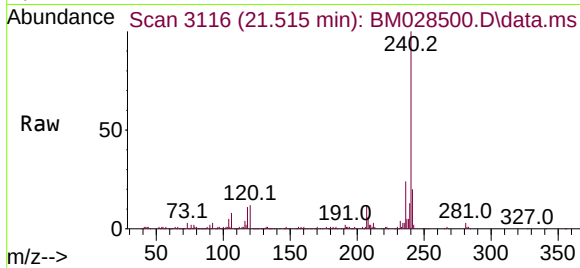




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.515 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BM028500.D
Acq: 21 Jan 2021 22:20

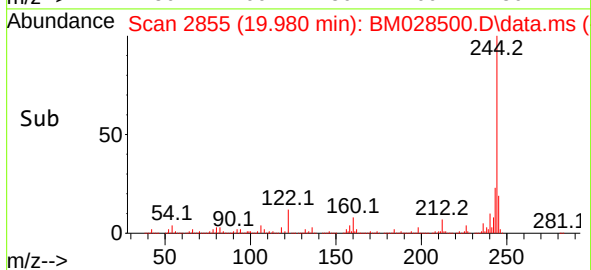
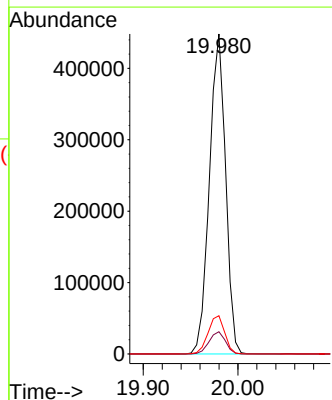
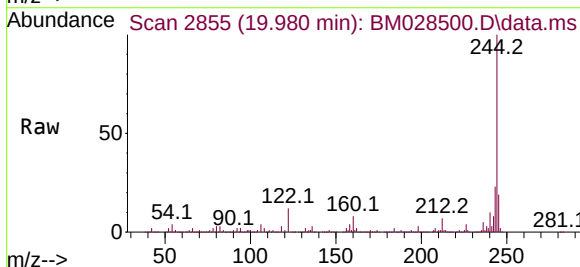
Instrument :
BNA_M
ClientSampleId :
MW-1

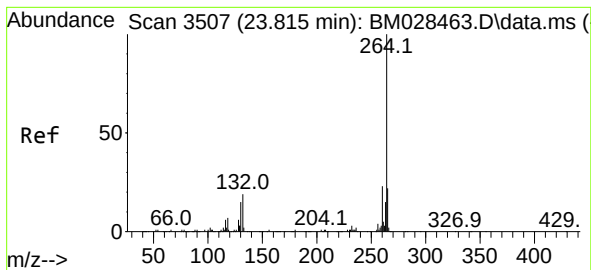
Tgt Ion:240 Resp: 127762
Ion Ratio Lower Upper
240 100
120 11.7 6.4 9.6#
236 24.0 20.1 30.1



#79
Terphenyl-d14
Concen: 74.97 ng
RT: 19.980 min Scan# 2855
Delta R.T. -0.012 min
Lab File: BM028500.D
Acq: 21 Jan 2021 22:20

Tgt Ion:244 Resp: 530424
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 12.0 6.5 9.7#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.797 min Scan# 3504
 Delta R.T. -0.018 min
 Lab File: BM028500.D
 Acq: 21 Jan 2021 22:20

Instrument :
 BNA_M
 ClientSampleId :
 MW-1

Tgt Ion:264 Resp: 125795
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.4
 265 22.1 17.7 26.5

