

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031621\
 Data File : BM029155.D
 Acq On : 16 Mar 2021 19:06
 Operator : CG/JU
 Sample : M1677-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D2470-D2800(WATER)

Quant Time: Mar 17 00:39:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 12 12:30:15 2021
 Response via : Initial Calibration

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

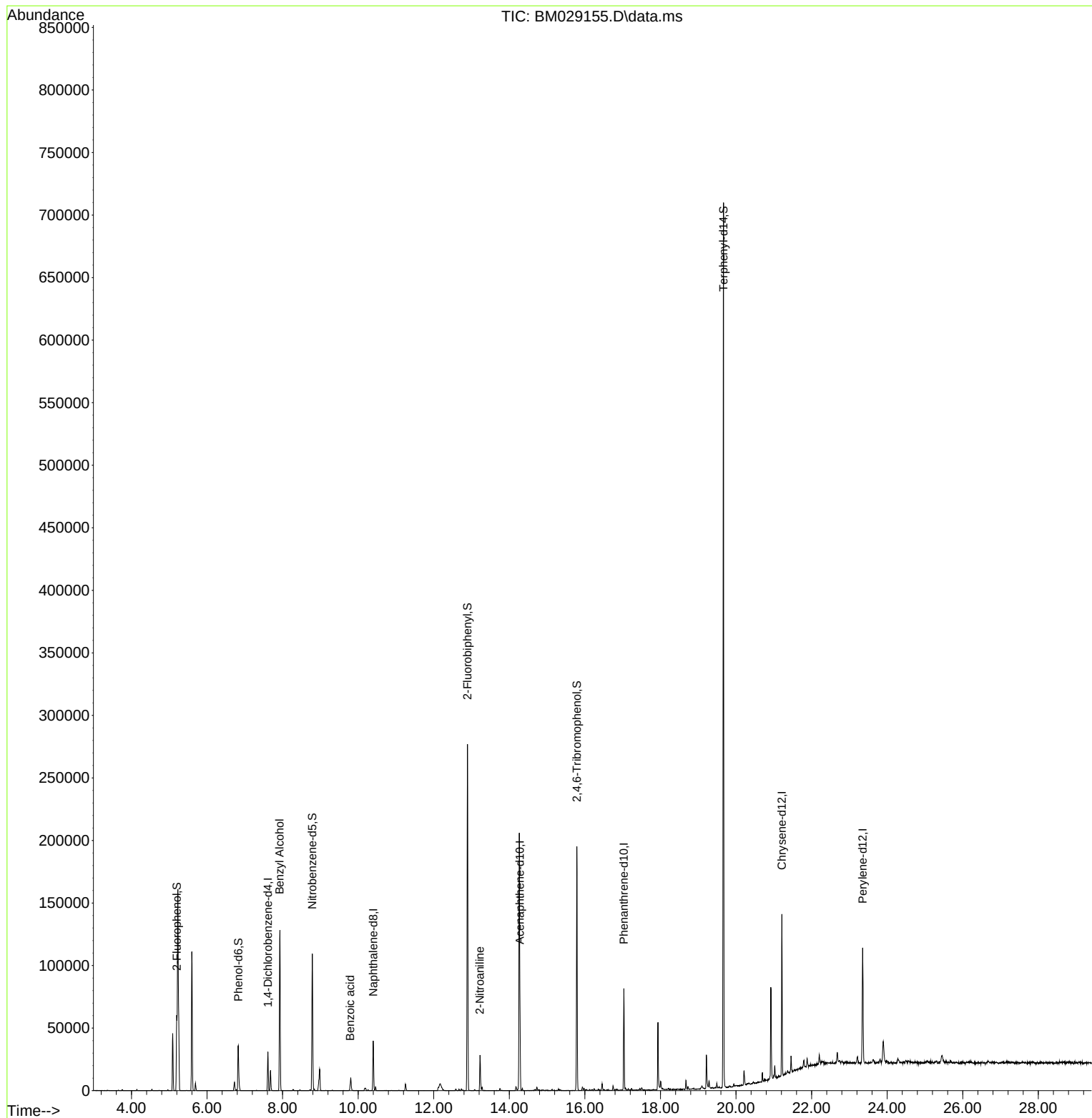
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	7839	20.00	ng	-0.01
21) Naphthalene-d8	10.398	136	30677	20.00	ng	#-0.02
39) Acenaphthene-d10	14.281	164	20698	20.00	ng	-0.02
64) Phenanthrene-d10	17.033	188	45278	20.00	ng	-0.01
76) Chrysene-d12	21.215	240	54348	20.00	ng	#-0.01
86) Perylene-d12	23.351	264	56807	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.199	112	23908	50.55	ng	0.00
7) Phenol-d6	6.828	99	18957	30.35	ng	0.00
23) Nitrobenzene-d5	8.787	82	52427	92.20	ng	-0.01
42) 2,4,6-Tribromophenol	15.786	330	26909	109.69	ng	-0.01
45) 2-Fluorobiphenyl	12.892	172	129622	83.37	ng	-0.01
79) Terphenyl-d14	19.668	244	291681	99.10	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.922	79	975	2.18	ng	# 50
32) Benzoic acid	9.787	122	871	2.77	ng	91
48) 2-Nitroaniline	13.222	65	919	2.52	ng	# 10

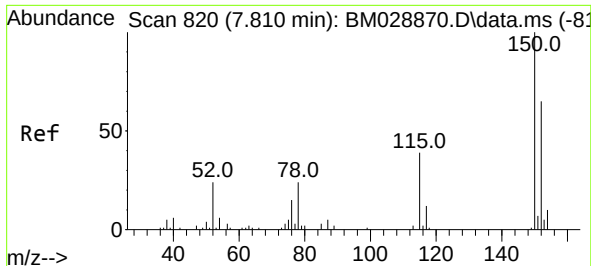
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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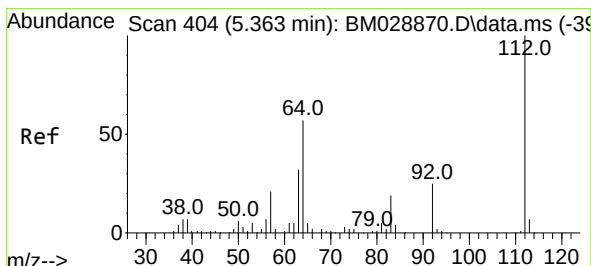
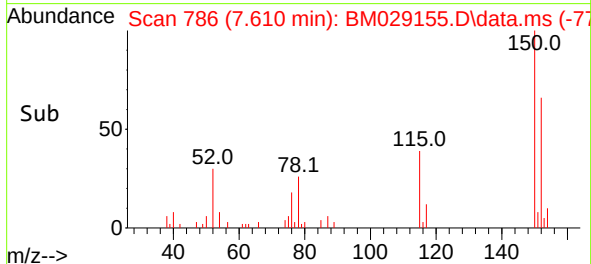
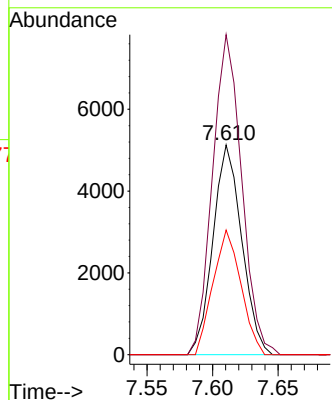
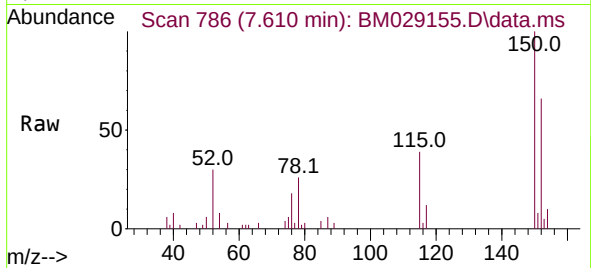




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.610 min Scan# 786
Delta R.T. -0.012 min
Lab File: BM029155.D
Acq: 16 Mar 2021 19:06

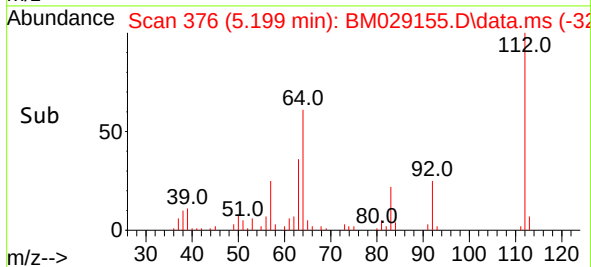
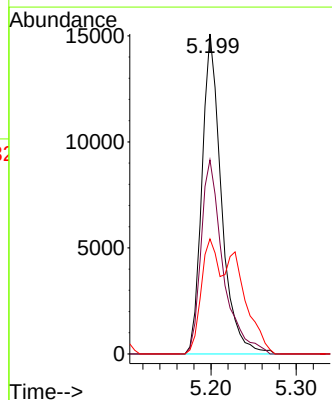
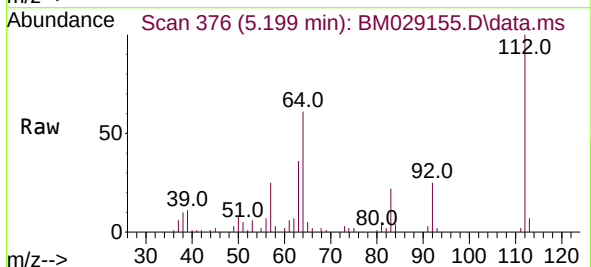
Instrument :
BNA_M
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D2470-D2800(WATER)

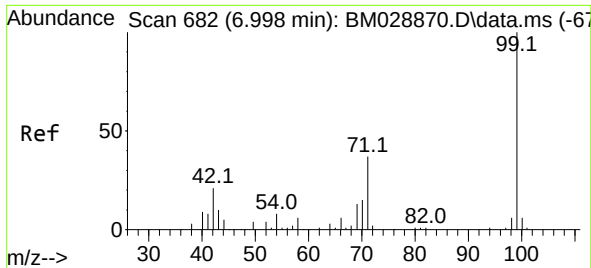
Tgt Ion:152 Resp: 7839
Ion Ratio Lower Upper
152 100
150 152.5 120.6 181.0
115 59.4 47.2 70.8



#5
2-Fluorophenol
Concen: 50.55 ng
RT: 5.199 min Scan# 376
Delta R.T. 0.000 min
Lab File: BM029155.D
Acq: 16 Mar 2021 19:06

Tgt Ion:112 Resp: 23908
Ion Ratio Lower Upper
112 100
64 60.6 50.6 76.0
63 35.9 31.0 46.6

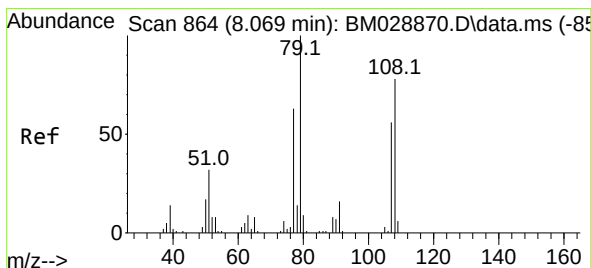
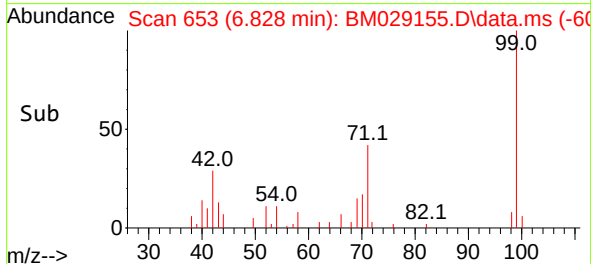
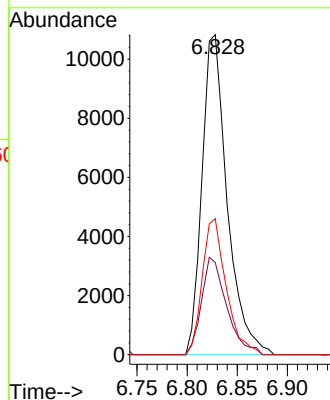
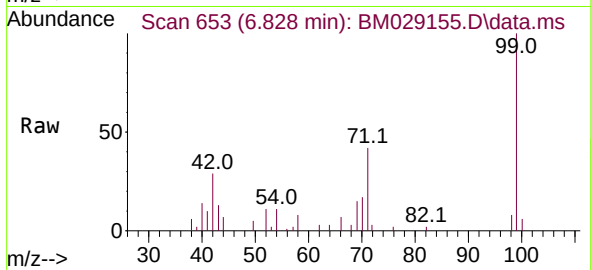




#7
Phenol-d6
Concen: 30.35 ng
RT: 6.828 min Scan# 653
Delta R.T. 0.006 min
Lab File: BM029155.D
Acq: 16 Mar 2021 19:06

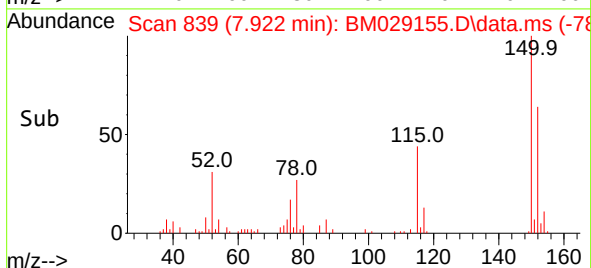
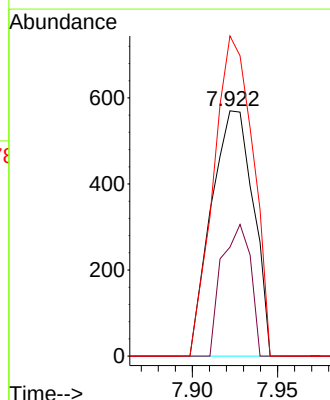
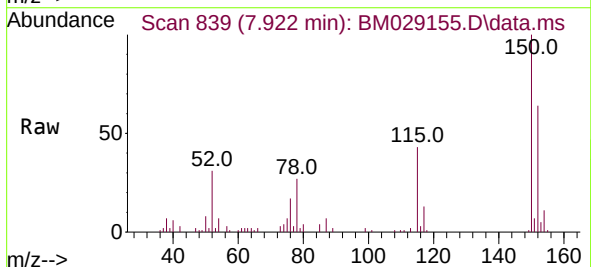
Instrument :
BNA_M
ClientSampleId :
D2470-D2800(WATER)

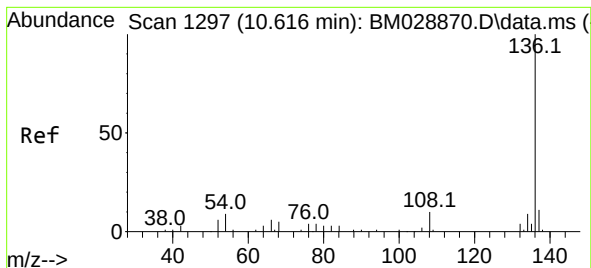
Tgt Ion: 99 Resp: 18957
Ion Ratio Lower Upper
99 100
42 28.8 13.5 20.3#
71 42.5 39.4 59.0



#15
Benzyl Alcohol
Concen: 2.18 ng
RT: 7.922 min Scan# 839
Delta R.T. 0.036 min
Lab File: BM029155.D
Acq: 16 Mar 2021 19:06

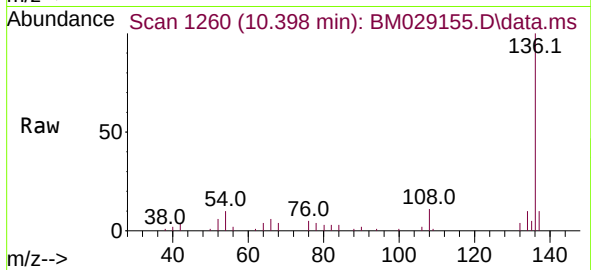
Tgt Ion: 79 Resp: 975
Ion Ratio Lower Upper
79 100
108 44.4 49.0 73.4#
77 130.5 55.2 82.8#



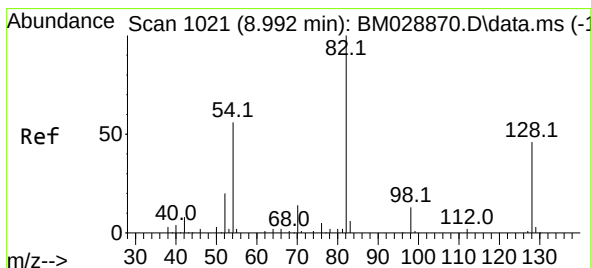
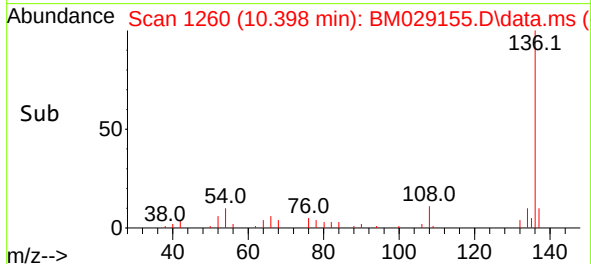
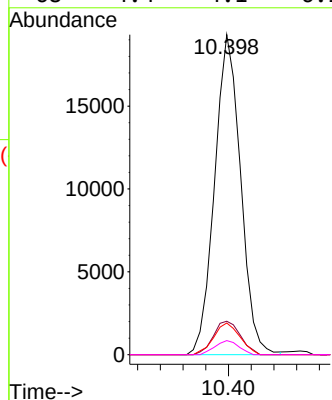


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.398 min Scan# 1260
Delta R.T. -0.017 min
Lab File: BM029155.D
Acq: 16 Mar 2021 19:06

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(WATER)

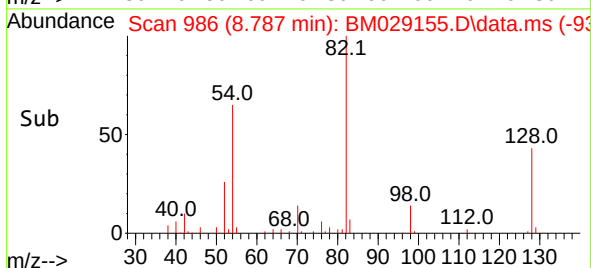
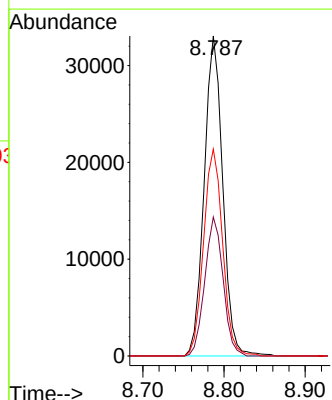
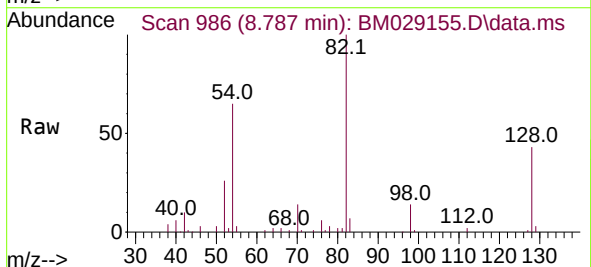


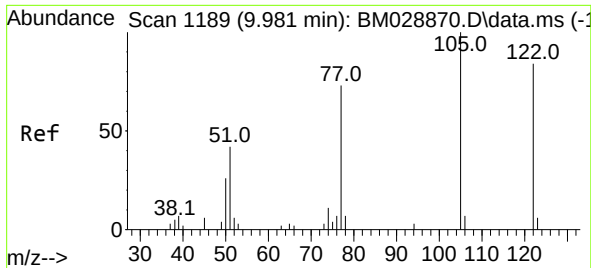
Tgt Ion:	136	Resp:	30677
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	12.8
54	9.9	4.6	7.0#
68	4.4	4.1	6.1



#23
Nitrobenzene-d5
Concen: 92.20 ng
RT: 8.787 min Scan# 986
Delta R.T. -0.011 min
Lab File: BM029155.D
Acq: 16 Mar 2021 19:06

Tgt Ion:	82	Resp:	52427
Ion Ratio	Lower	Upper	
82	100		
128	43.4	27.4	41.0#
54	64.7	31.4	47.0#

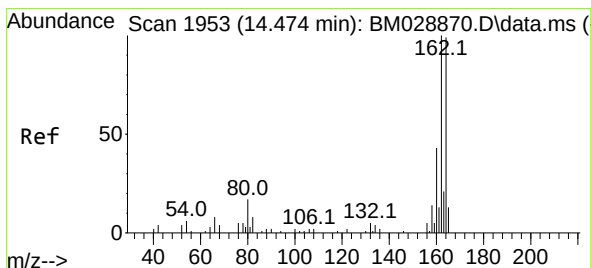
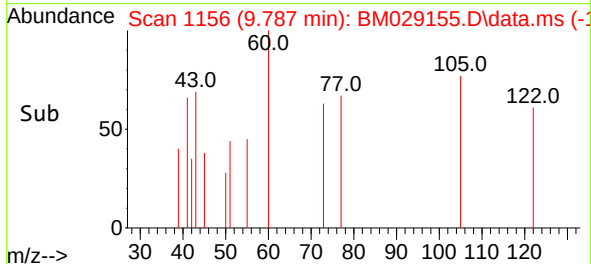
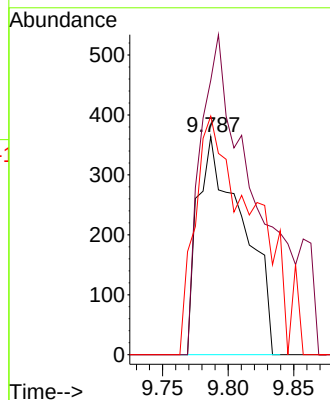
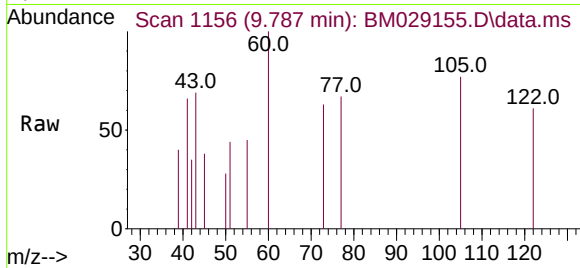




#32
Benzoic acid
Concen: 2.77 ng
RT: 9.787 min Scan# 1156
Delta R.T. -0.023 min
Lab File: BM029155.D
Acq: 16 Mar 2021 19:06

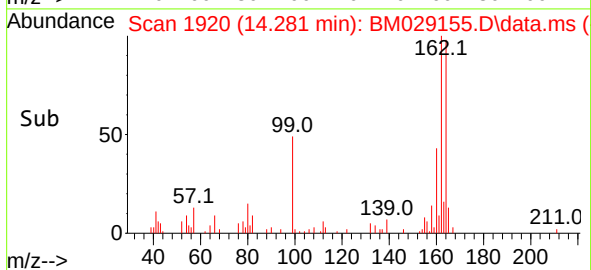
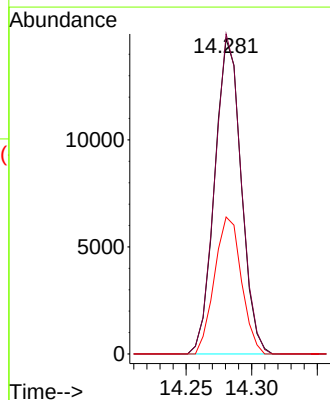
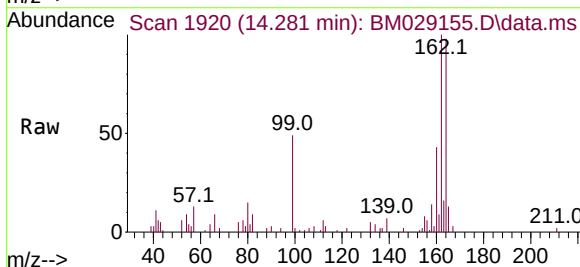
Instrument :
BNA_M
ClientSampleId :
D2470-D2800(WATER)

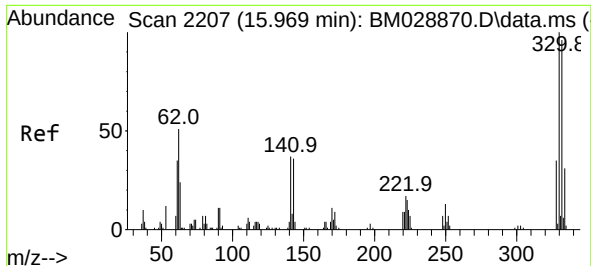
Tgt Ion:122	Resp:	871
Ion	Ratio	Lower Upper
122	100	
105	125.8	114.0 154.0
77	109.3	101.8 141.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.281 min Scan# 1920
Delta R.T. -0.017 min
Lab File: BM029155.D
Acq: 16 Mar 2021 19:06

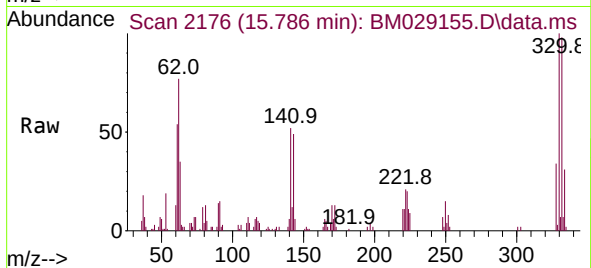
Tgt Ion:164	Resp:	20698
Ion	Ratio	Lower Upper
164	100	
162	101.6	80.4 120.6
160	43.5	35.9 53.9



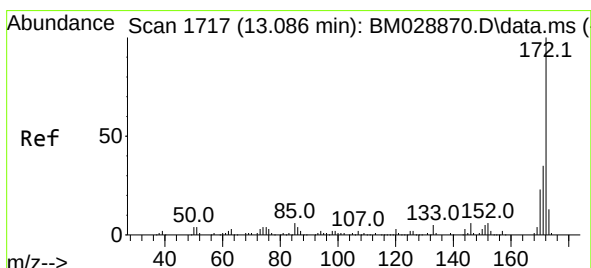
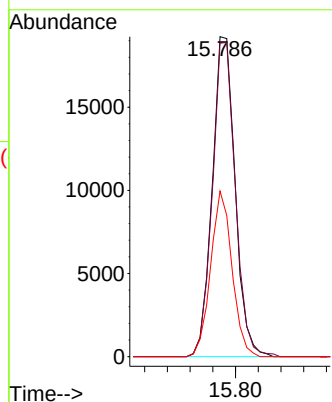
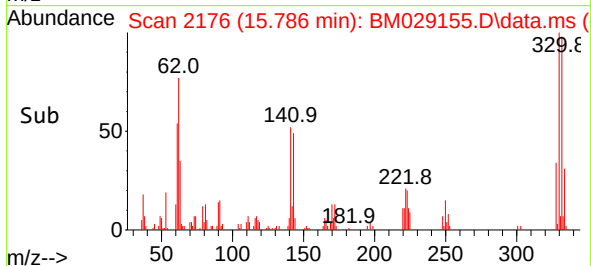


#42
2,4,6-Tribromophenol
Concen: 109.69 ng
RT: 15.786 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BM029155.D
Acq: 16 Mar 2021 19:06

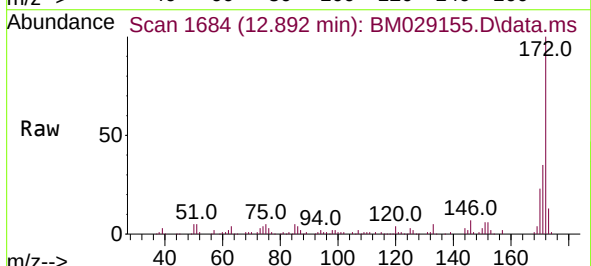
Instrument :
BNA_M
ClientSampleId :
D2470-D2800(WATER)



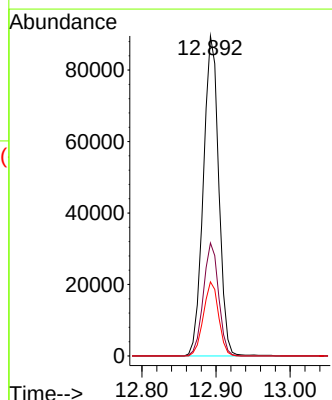
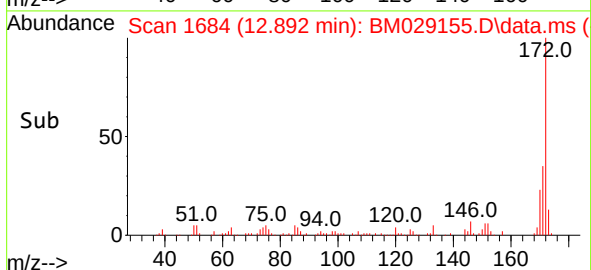
Tgt Ion:330 Resp: 26909
Ion Ratio Lower Upper
330 100
332 98.7 77.8 116.8
141 48.4 28.4 42.6#

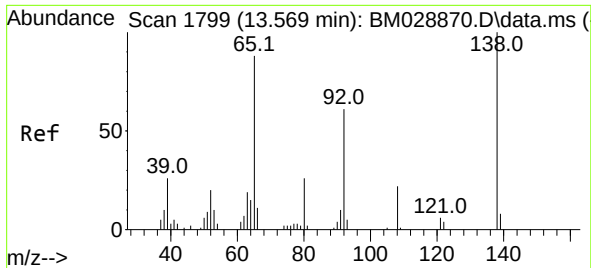


#45
2-Fluorobiphenyl
Concen: 83.37 ng
RT: 12.892 min Scan# 1684
Delta R.T. -0.011 min
Lab File: BM029155.D
Acq: 16 Mar 2021 19:06



Tgt Ion:172 Resp: 129622
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 23.1 18.6 27.8

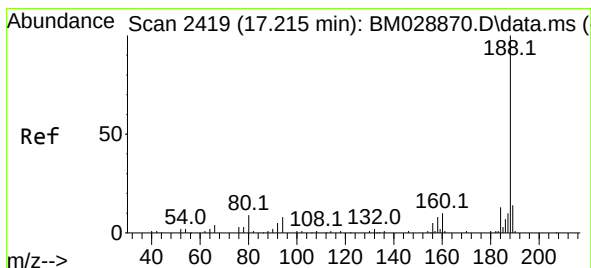
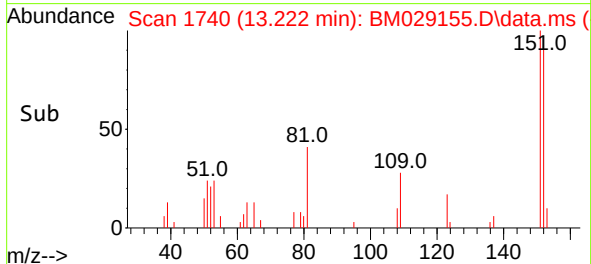
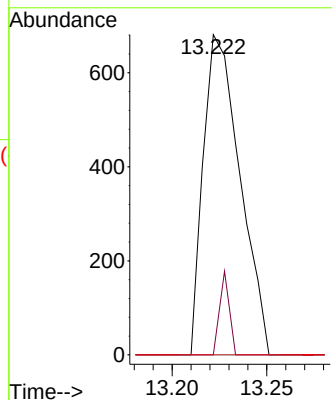
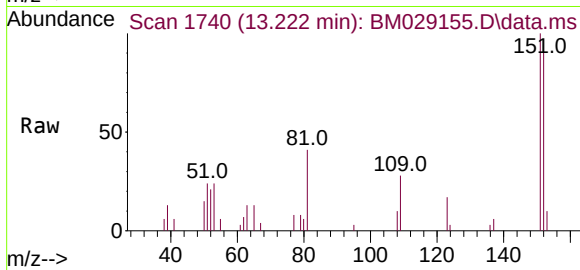




#48
2-Nitroaniline
Concen: 2.52 ng
RT: 13.222 min Scan# 1740
Delta R.T. -0.170 min
Lab File: BM029155.D
Acq: 16 Mar 2021 19:06

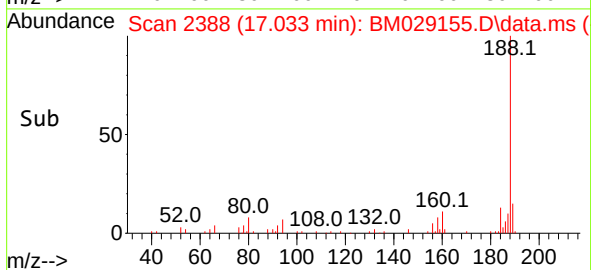
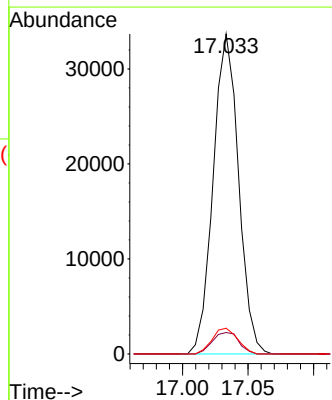
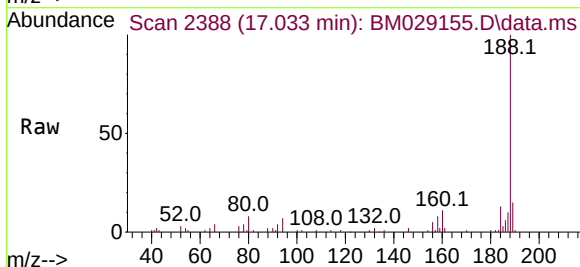
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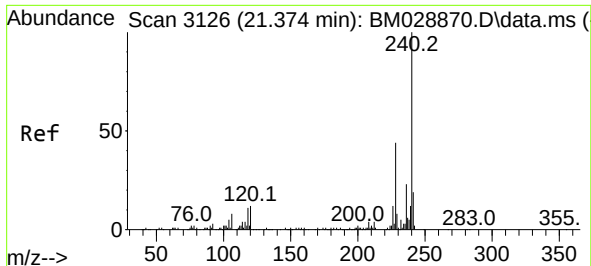
Tgt Ion: 65 Resp: 919
Ion Ratio Lower Upper
65 100
92 0.0 51.5 77.3#
138 0.0 72.7 109.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.033 min Scan# 2388
Delta R.T. -0.011 min
Lab File: BM029155.D
Acq: 16 Mar 2021 19:06

Tgt Ion: 188 Resp: 45278
Ion Ratio Lower Upper
188 100
94 6.7 6.2 9.4
80 8.1 7.5 11.3

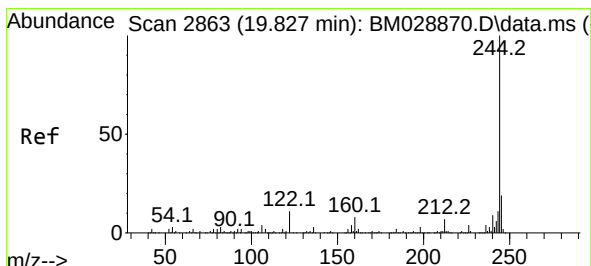
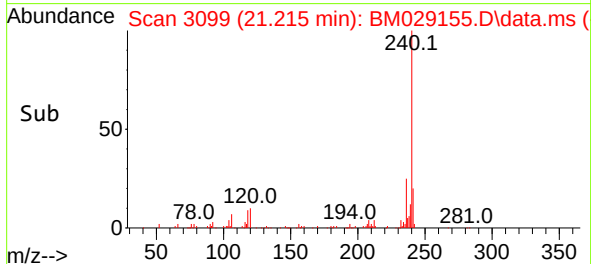
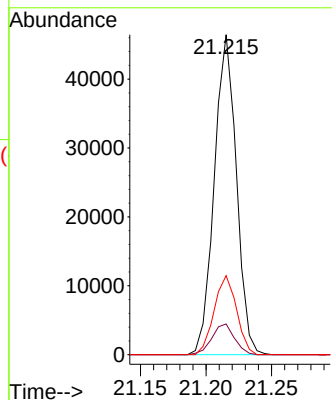
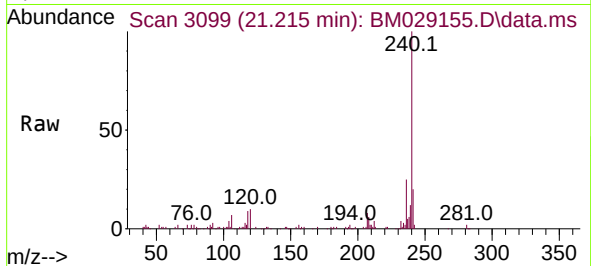




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.215 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BM029155.D
Acq: 16 Mar 2021 19:06

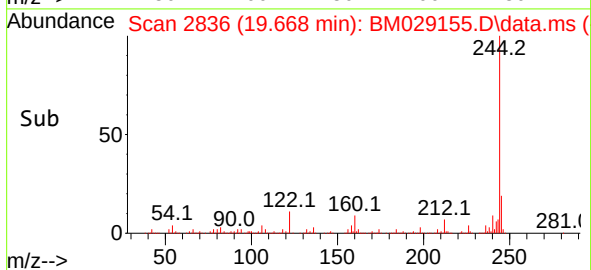
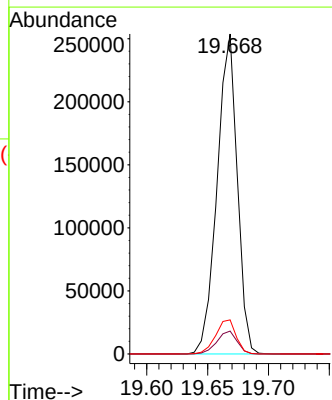
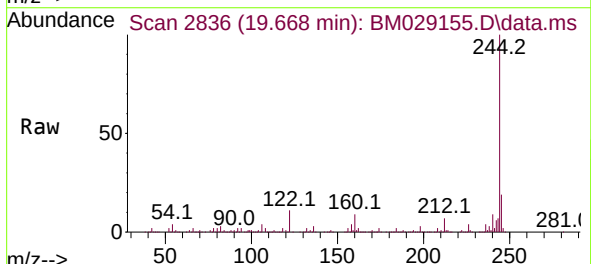
Instrument :
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D2470-D2800(WATER)

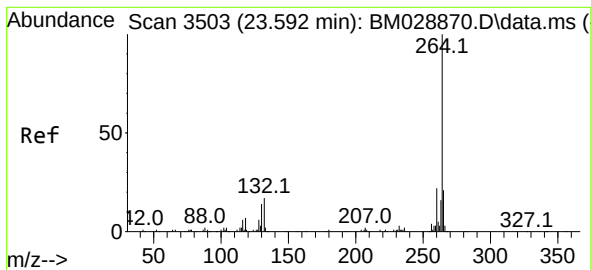
Tgt Ion:240 Resp: 54348
Ion Ratio Lower Upper
240 100
120 9.6 6.4 9.6#
236 24.7 20.1 30.1



#79
Terphenyl-d14
Concen: 99.10 ng
RT: 19.668 min Scan# 2836
Delta R.T. -0.006 min
Lab File: BM029155.D
Acq: 16 Mar 2021 19:06

Tgt Ion:244 Resp: 291681
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.6 6.5 9.7#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.351 min Scan# 3462
 Delta R.T. -0.017 min
 Lab File: BM029155.D
 Acq: 16 Mar 2021 19:06

Instrument :
 BNA_M
 ClientSampleId :
 D2470-D2800(WATER)

Tgt Ion:264	Resp:	56807
Ion Ratio	Lower	Upper
264	100	
260	22.3	19.0 28.4
265	21.3	17.7 26.5

