

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)

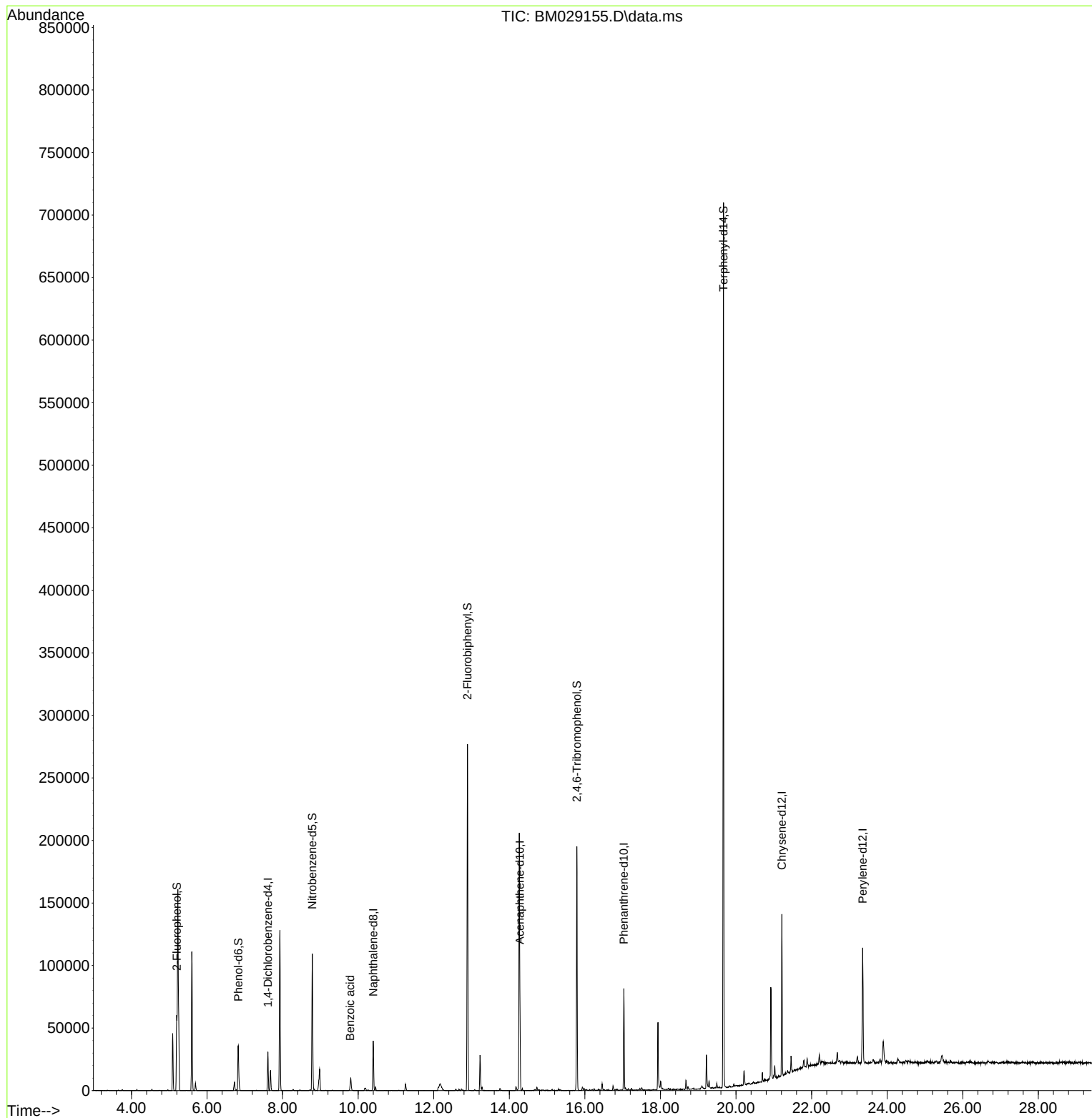
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	7839	20.00	ng	-0.01
21) Naphthalene-d8	10.398	136	30677	20.00	ng	#-0.02
39) Acenaphthene-d10	14.281	164	20698	20.00	ng	-0.02
64) Phenanthrene-d10	17.033	188	45278	20.00	ng	-0.01
76) Chrysene-d12	21.215	240	54348	20.00	ng	#-0.01
86) Perylene-d12	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						
32) Benzoic acid	9.787	122	871	2.77	ng	Qvalue 91

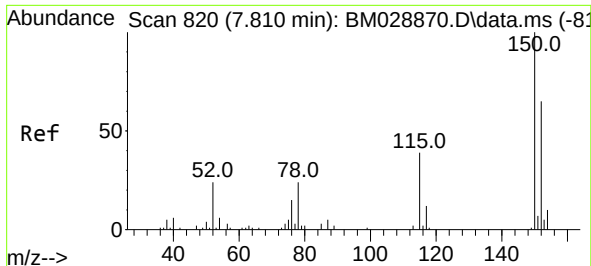
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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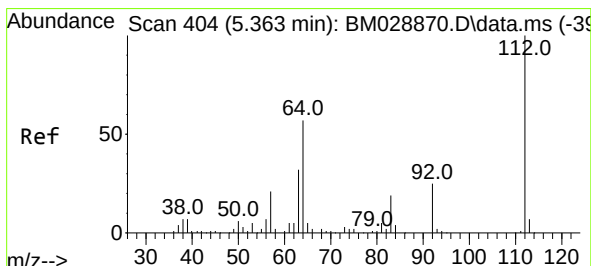
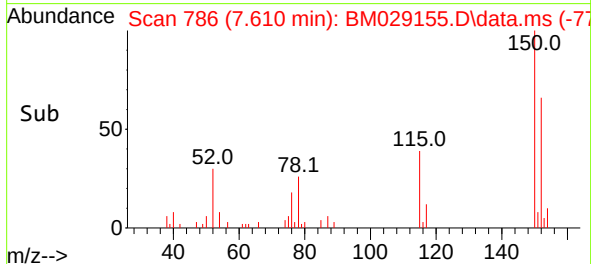
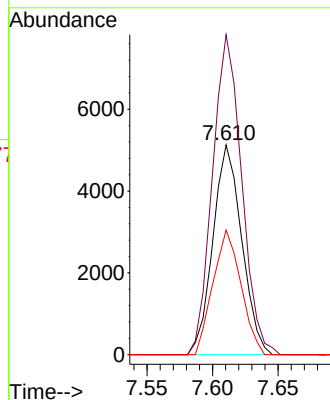
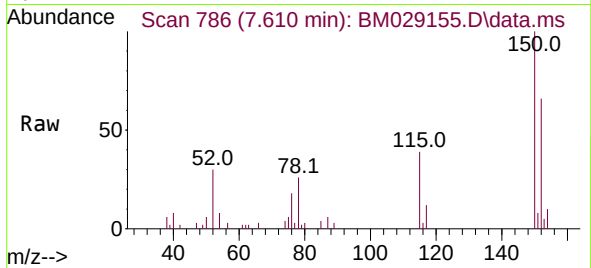




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.610 min Scan# 786
Delta R.T. -0.012 min
Lab File: BM029155.D
Acq: 16 Mar 2021 19:06

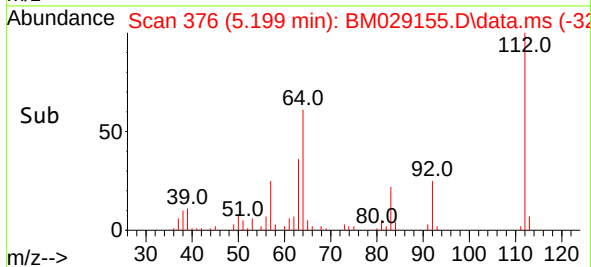
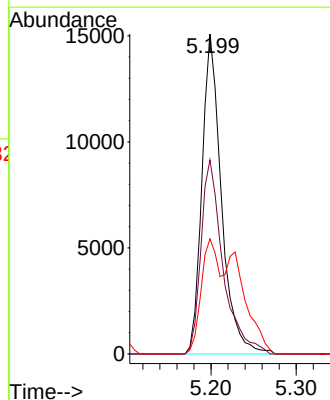
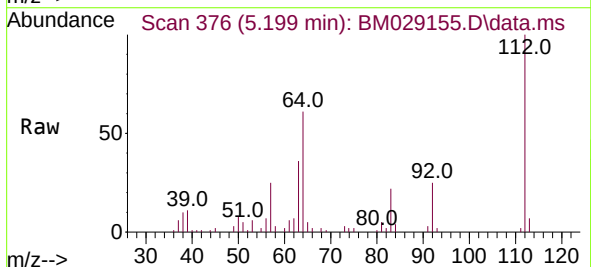
Instrument :
BNA_M
ClientSampleId :
D2470-D2800(WATER)

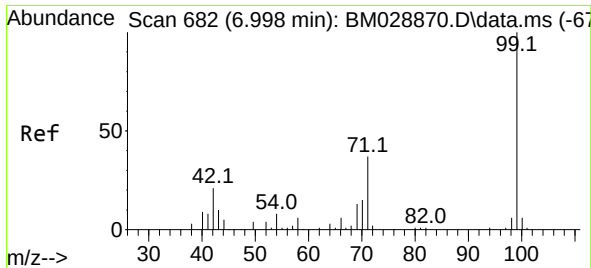
Tgt Ion:152 Resp: 7839
Ion Ratio Lower Upper
152 100
150 152.5 120.6 181.0
115 59.4 47.2 70.8



#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

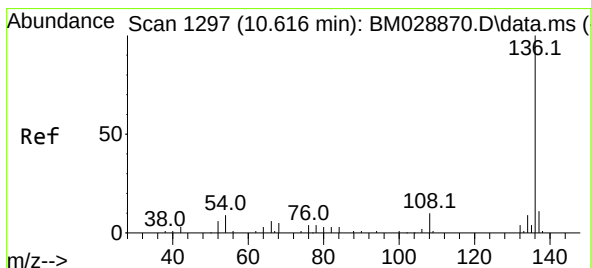
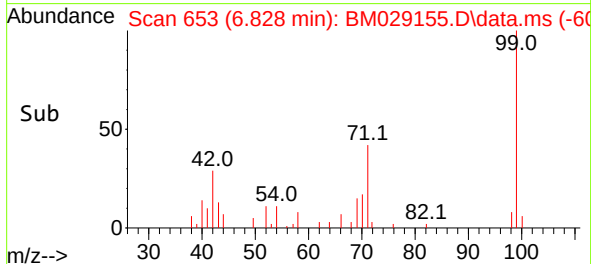
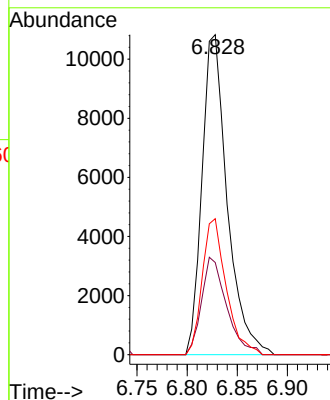
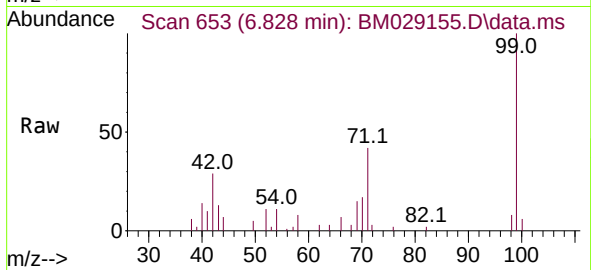




#7
Phenol-d6
Concen: 30.35 ng
RT: 6.828 min Scan# 653
Delta R.T. 0.006 min
Lab File: BM029155.D
Acq: 16 Mar 2021 19:06

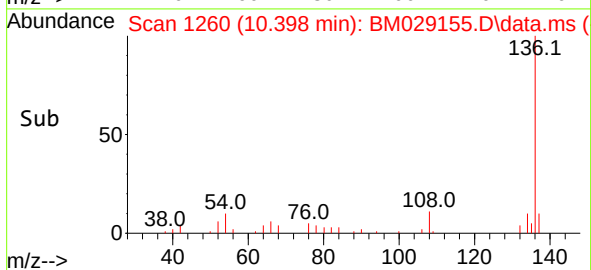
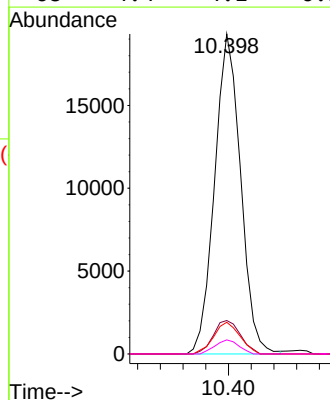
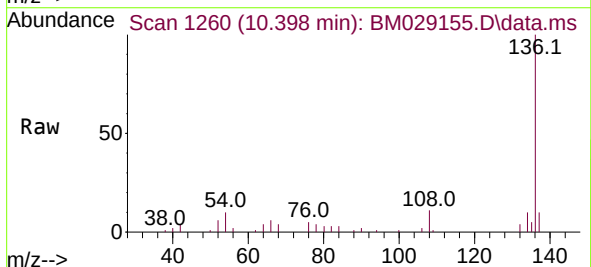
Instrument :
BNA_M
ClientSampleId :
D2470-D2800(WATER)

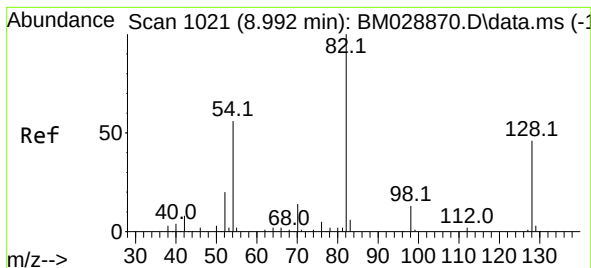
Tgt Ion: 99 Resp: 18957
Ion Ratio Lower Upper
99 100
42 28.8 13.5 20.3#
71 42.5 39.4 59.0



#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

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

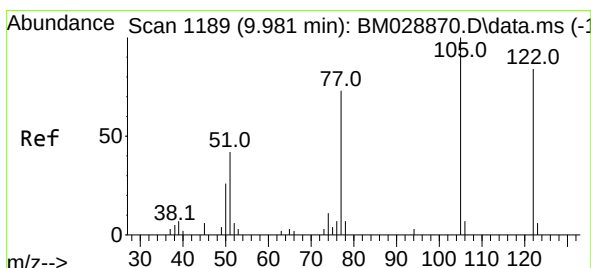
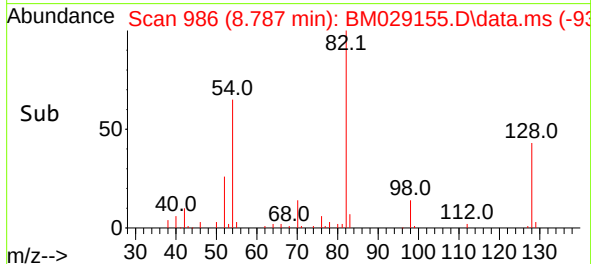
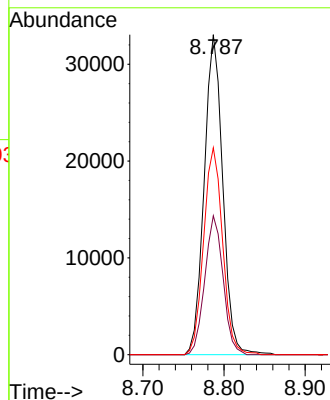
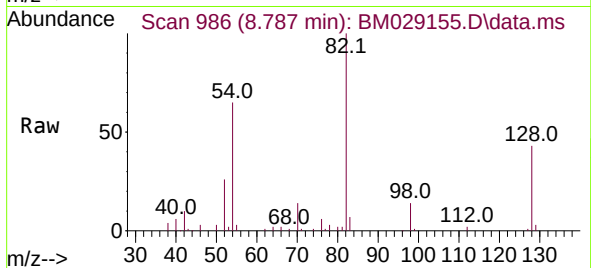
Tgt Ion:	82	Resp:	52427
Ion Ratio	Lower	Upper	
82	100		
128	43.4	27.4	41.0#
54	64.7	31.4	47.0#

Instrument :

BNA_M

ClientSampleId :

D2470-D2800(WATER)



#32

Benzoic acid

Concen: 2.77 ng

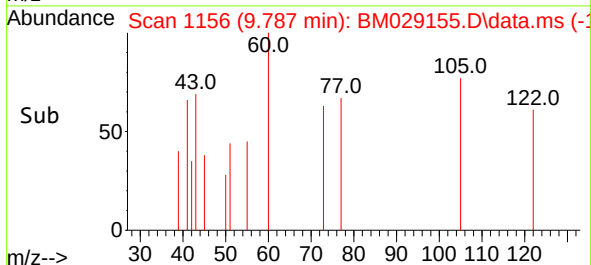
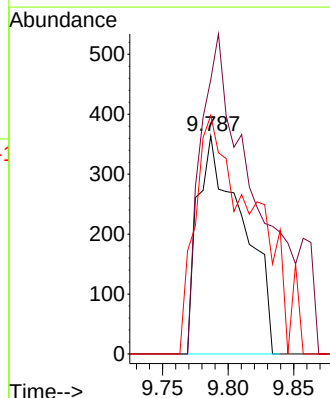
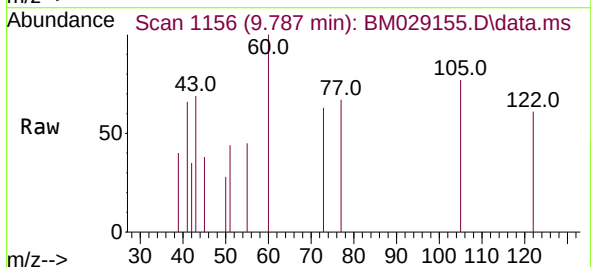
RT: 9.787 min Scan# 1156

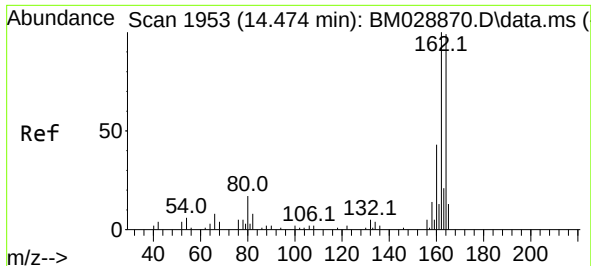
Delta R.T. -0.023 min

Lab File: BM029155.D

Acq: 16 Mar 2021 19:06

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

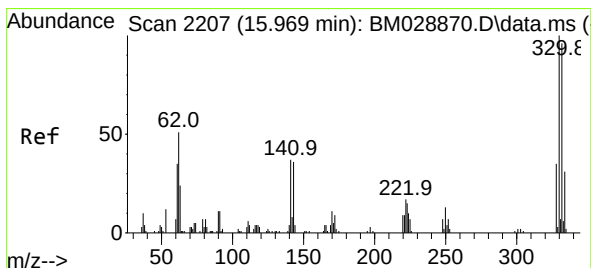
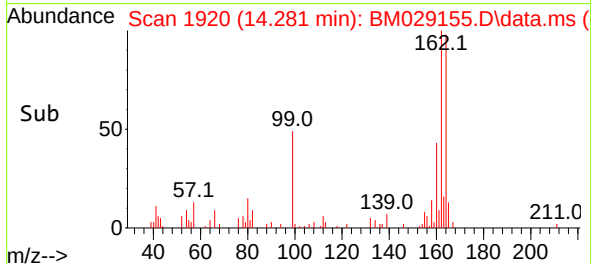
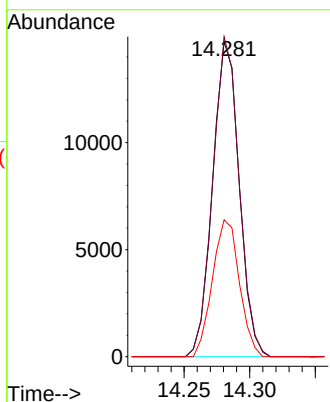
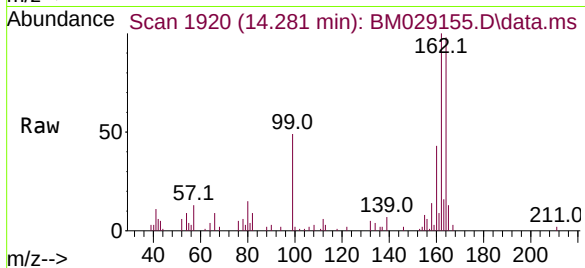




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.281 min Scan# 1920
Delta R.T. -0.017 min
Lab File: BM029155.D
Acq: 16 Mar 2021 19:06

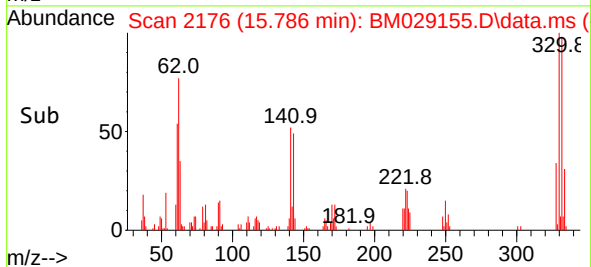
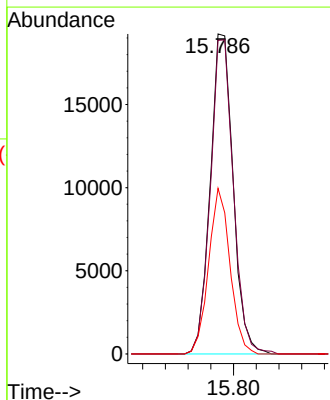
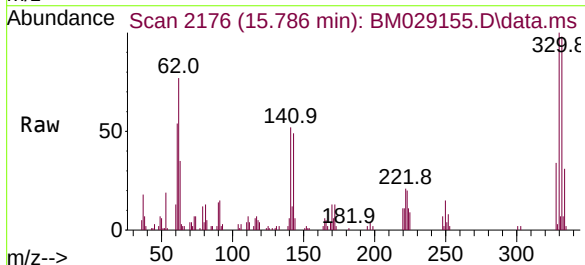
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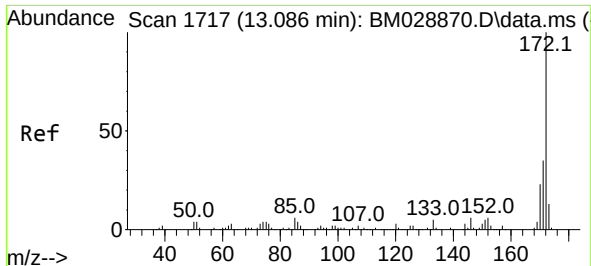
Tgt Ion:164 Resp: 20698
Ion Ratio Lower Upper
164 100
162 101.6 80.4 120.6
160 43.5 35.9 53.9



#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

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#

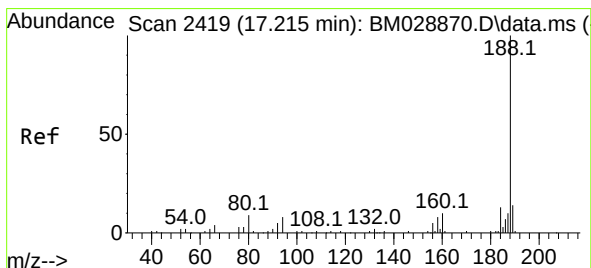
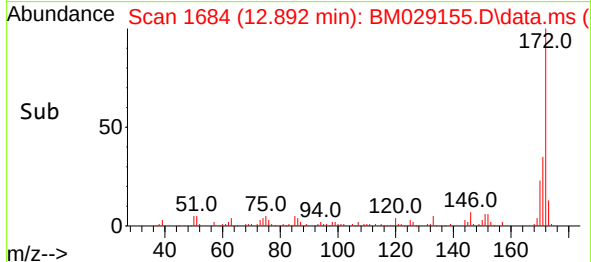
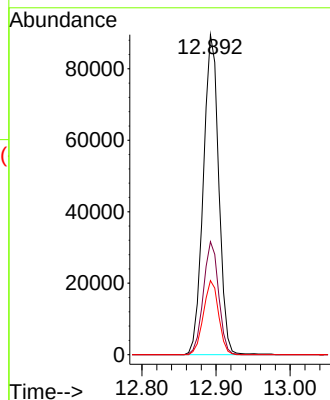
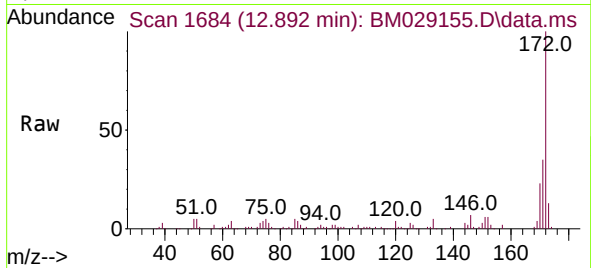




#45
2-Fluorobiphenyl
Concen: 83.37 ng
RT: 12.892 min Scan# 1684
Delta R.T. -0.011 min
Lab File: BM029155.D
Acq: 16 Mar 2021 19:06

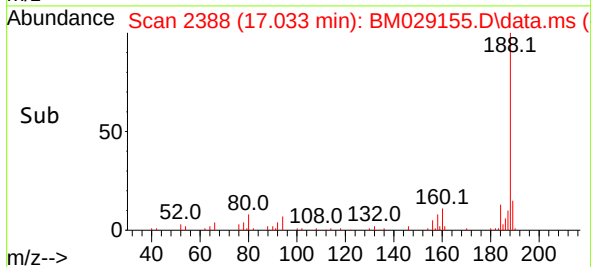
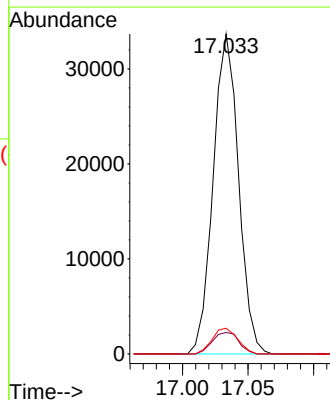
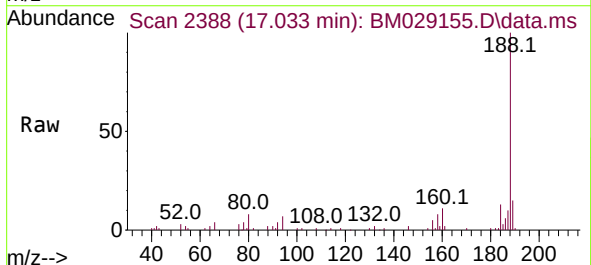
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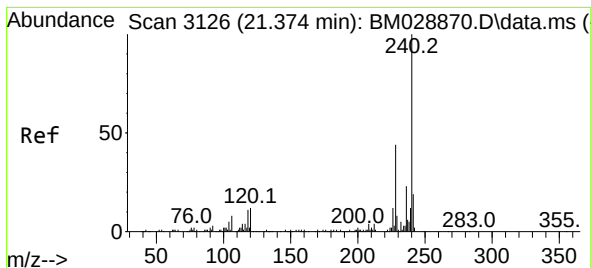
Tgt Ion:172 Resp: 129622
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 23.1 18.6 27.8



#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

Tgt Ion:240 Resp: 54348

Ion Ratio Lower Upper

240 100

120 9.6 6.4 9.6#

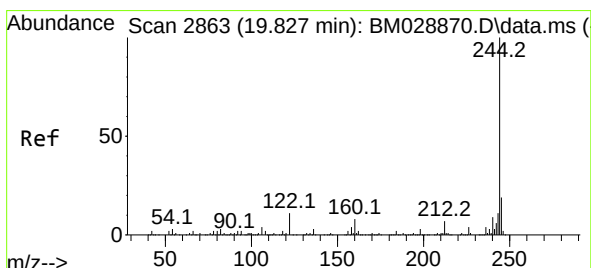
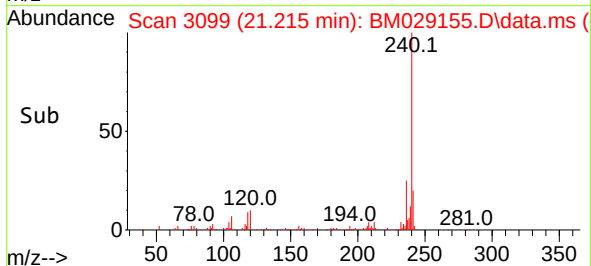
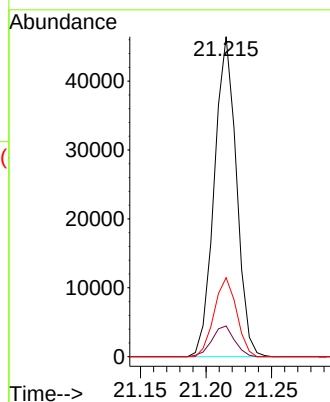
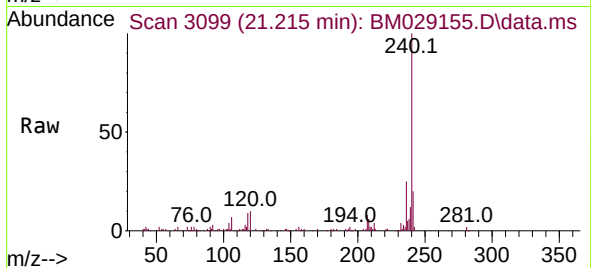
236 24.7 20.1 30.1

Instrument :

BNA_M

ClientSampleId :

D2470-D2800(WATER)



#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

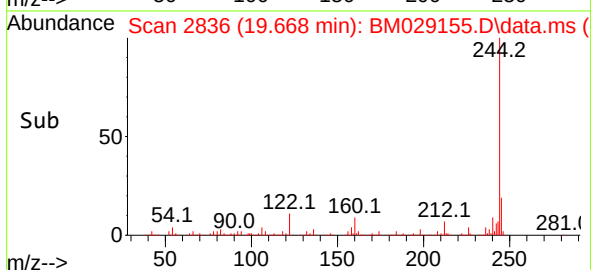
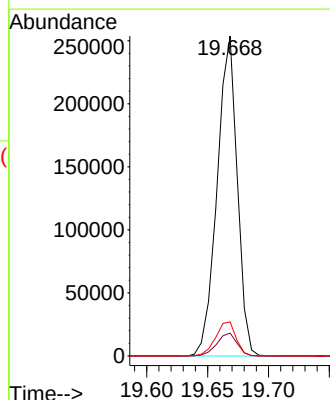
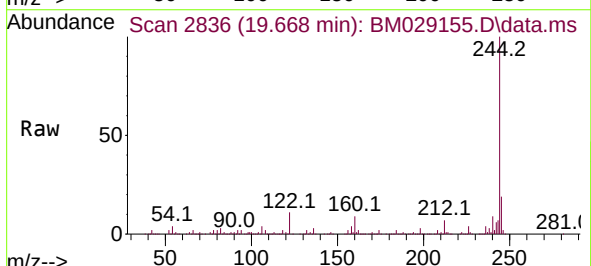
Tgt Ion:244 Resp: 291681

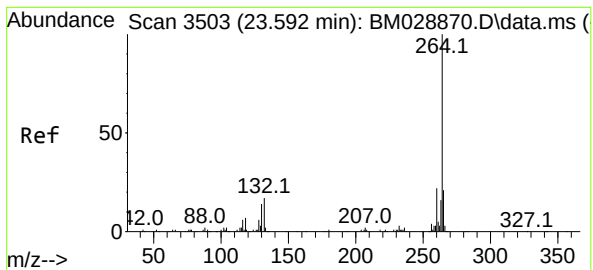
Ion Ratio Lower Upper

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 :
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 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

