

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
 Data File : BF125020.D
 Acq On : 10 Aug 2021 1:23
 Operator : JU/CG
 Sample : M3291-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Manual Integrations
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Quant Time: Aug 10 04:47:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 09 11:03:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	5066	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	18157	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	8407	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	13083	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	12769	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	10250	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	31035	100.353	ng	0.00
7) Phenol-d6	6.463	99	36087	92.542	ng	0.00
23) Nitrobenzene-d5	7.387	82	24075	69.363	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	7014	93.386	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	36664	63.814	ng	0.00
79) Terphenyl-d14	12.927	244	36058	47.634	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.557	202	2696	3.672	ng	84
78) Pyrene	12.786	202	2525	2.511	ng	97
88) Benzo(b)fluoranthene	15.015	252	1461m	2.030	ng	

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

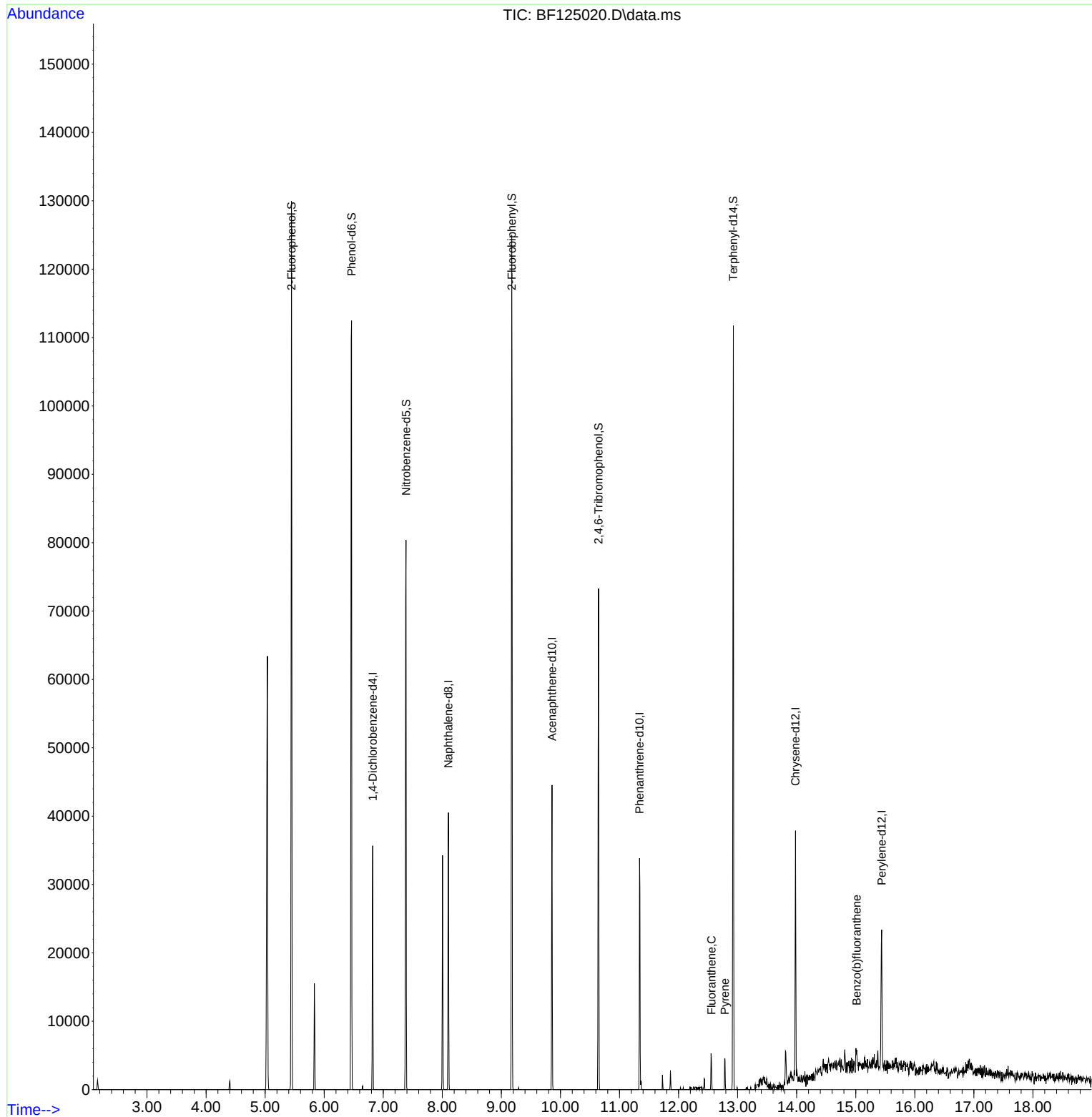
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Data File : BF125020.D
Acq On : 10 Aug 2021 1:23
Operator : JU/CG
Sample : M3291-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

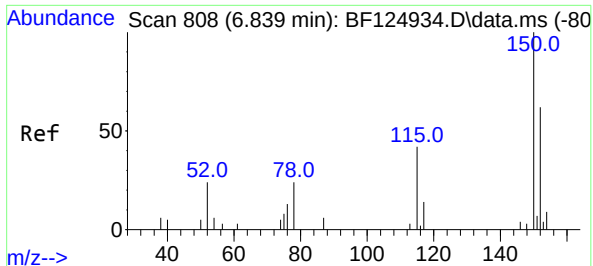
Instrument :
BNA_F
ClientSampleId :
WC-1

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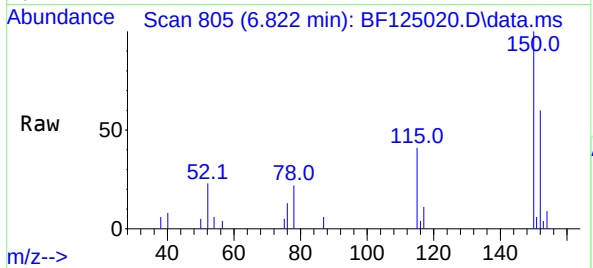
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Quant Time: Aug 10 04:47:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
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QLast Update : Mon Aug 09 11:03:44 2021
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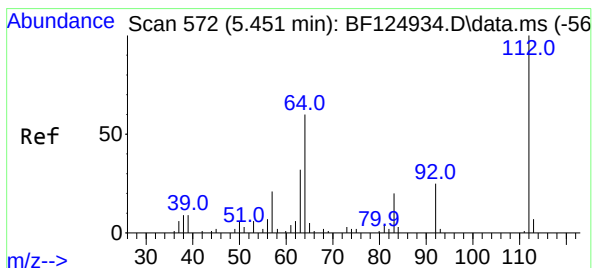
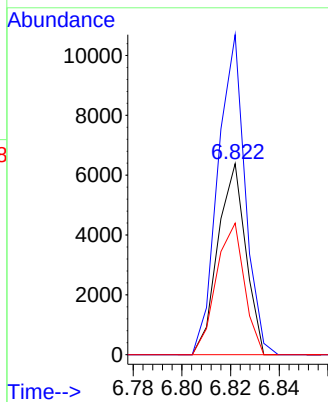
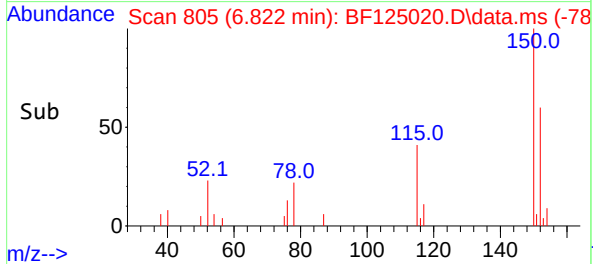




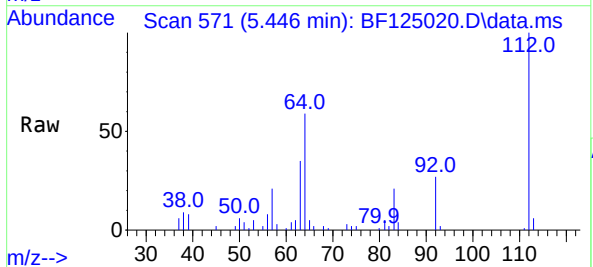
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23



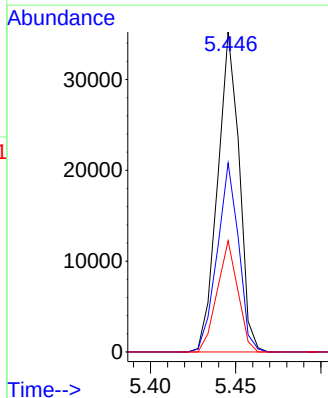
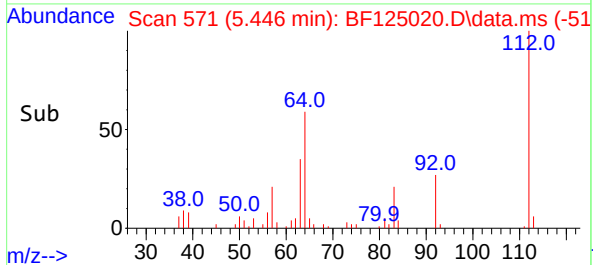
Tgt Ion:152 Resp: 5066
Ion Ratio Lower Upper
152 100
150 167.5 117.6 176.4
115 68.8 47.1 70.7



#5
2-Fluorophenol
Concen: 100.353 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23



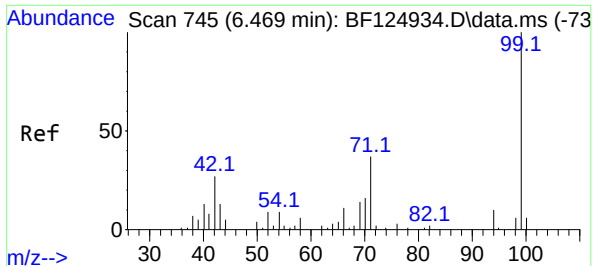
Tgt Ion:112 Resp: 31035
Ion Ratio Lower Upper
112 100
64 59.1 44.2 66.2
63 34.7 26.2 39.2



Instrument :
BNA_F
ClientSampled :
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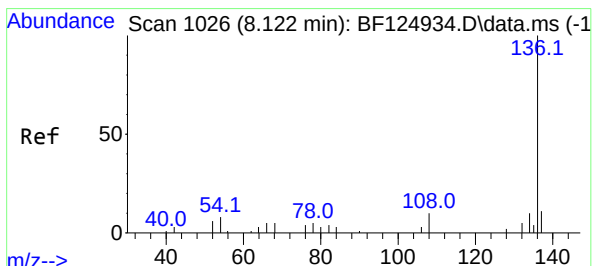
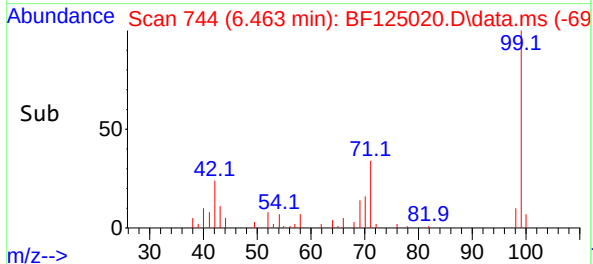
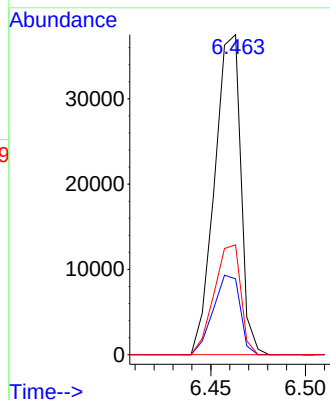
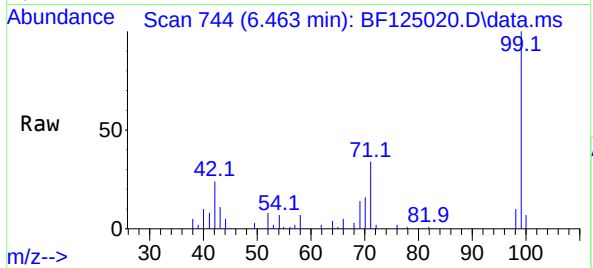
#7
Phenol-d6
Concen: 92.542 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

Tgt Ion:	99	Resp:	36087
Ion	Ratio	Lower	Upper
99	100		
42	23.7	23.5	35.3
71	34.3	25.6	38.4

Instrument :
BNA_F
ClientSampled :
WC-1

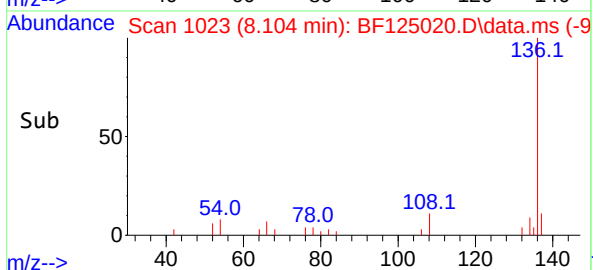
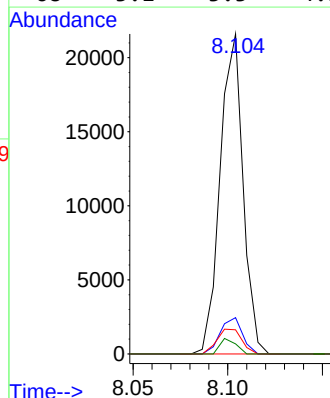
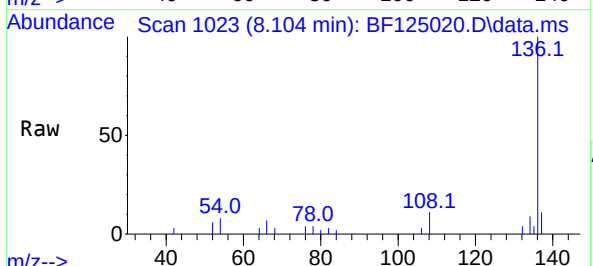
Manual Integrations
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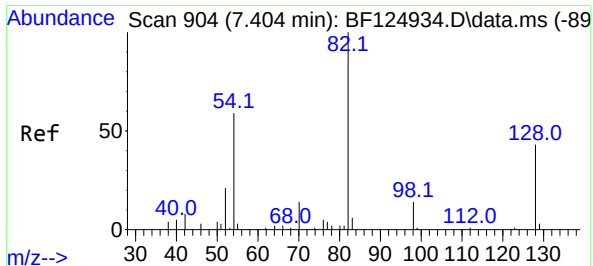
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

Tgt Ion:	136	Resp:	18157
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.6
54	7.5	6.4	9.6
68	3.1	3.3	4.9





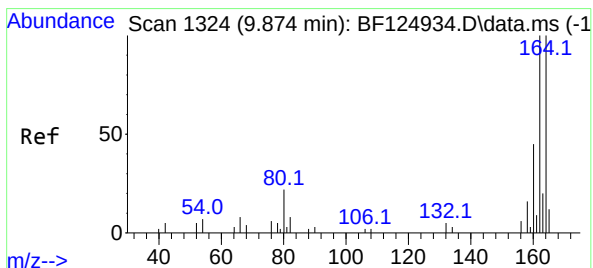
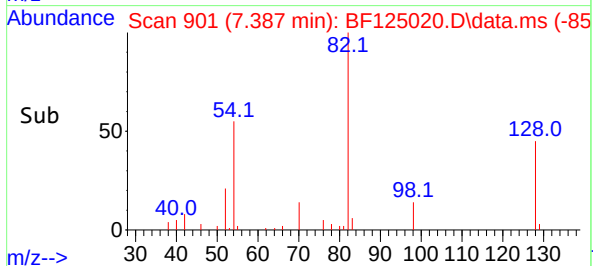
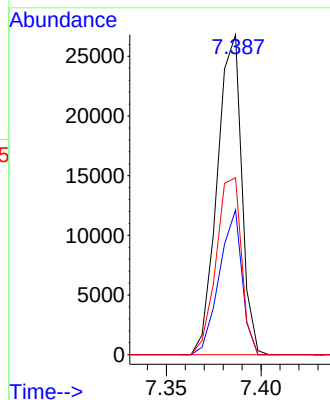
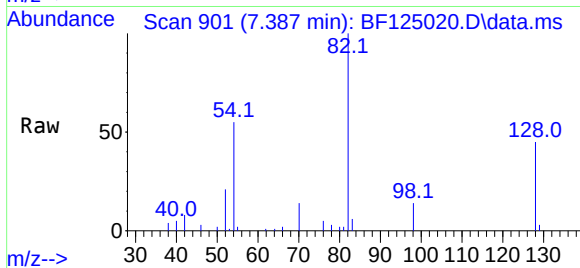
#23
Nitrobenzene-d5
Concen: 69.363 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

Tgt Ion:	82	Resp:	24075
Ion	Ratio	Lower	Upper
82	100		
128	45.2	40.6	60.8
54	55.3	49.6	74.4

Instrument :
BNA_F
ClientSampled :
WC-1

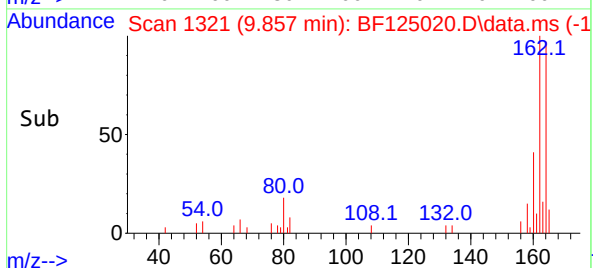
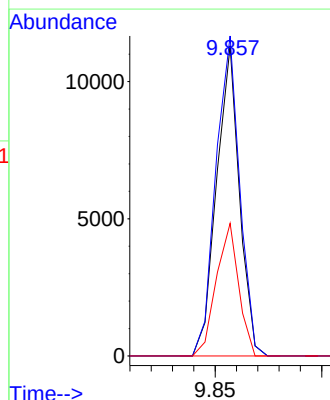
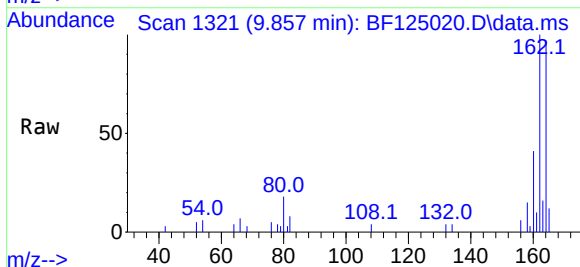
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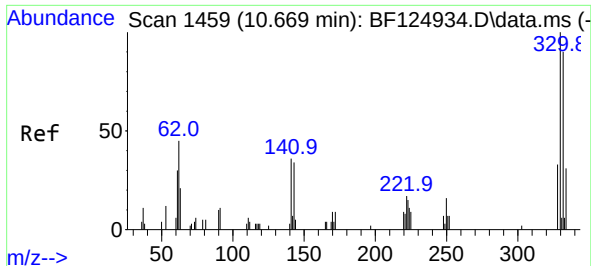
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

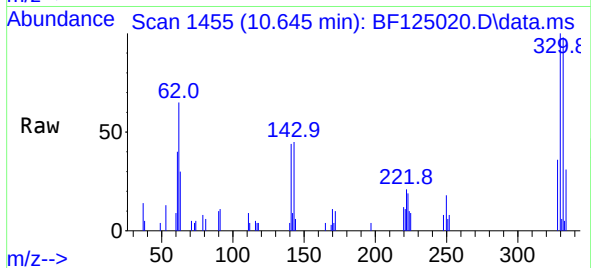
Tgt Ion:	164	Resp:	8407
Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.3	121.9
160	42.7	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 93.386 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

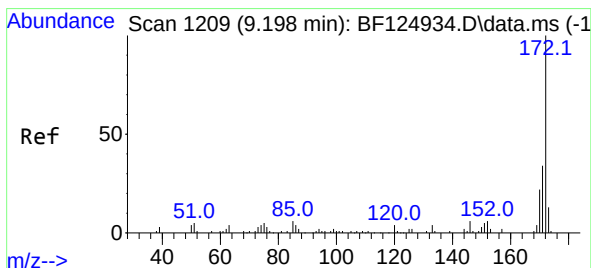
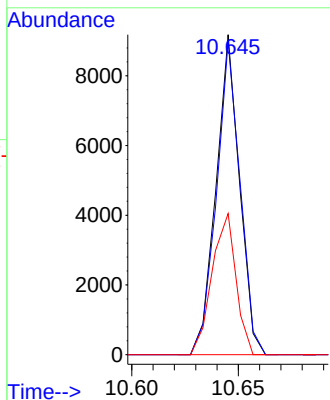
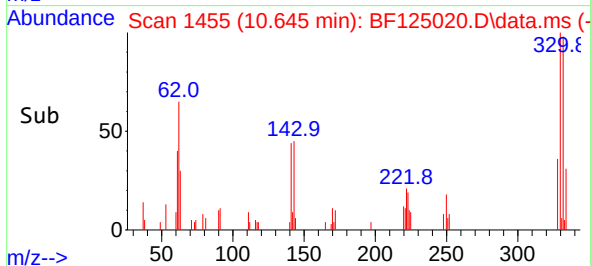
Instrument :
BNA_F
ClientSampled :
WC-1



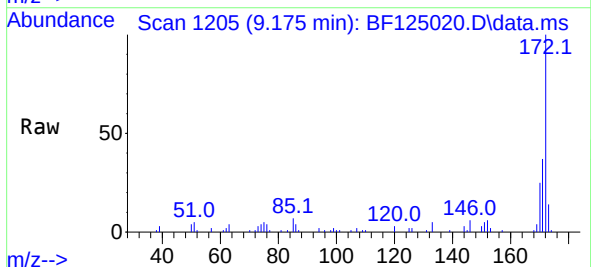
Tgt Ion:330 Resp: 7014
Ion Ratio Lower Upper
330 100
332 98.3 76.2 114.4
141 45.0 44.6 66.8

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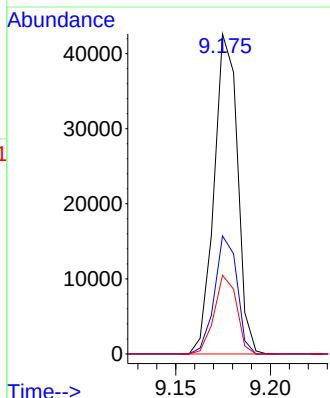
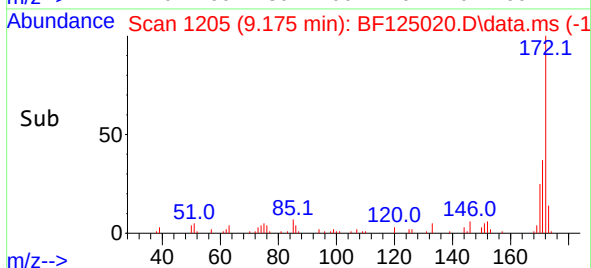
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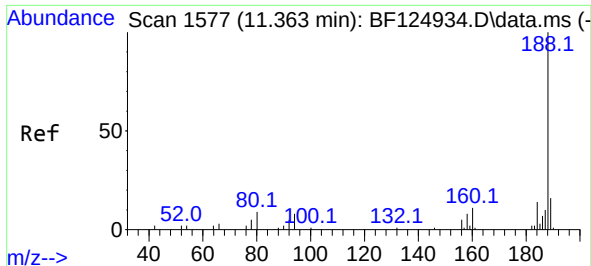


#45
2-Fluorobiphenyl
Concen: 63.814 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23



Tgt Ion:172 Resp: 36664
Ion Ratio Lower Upper
172 100
171 36.9 26.5 39.7
170 24.6 18.8 28.2





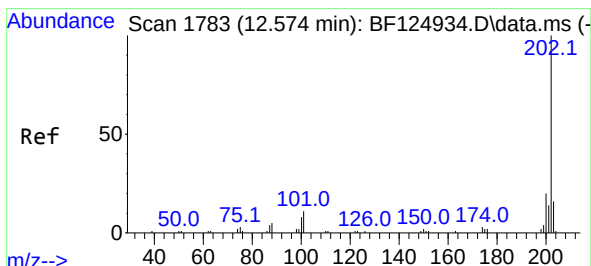
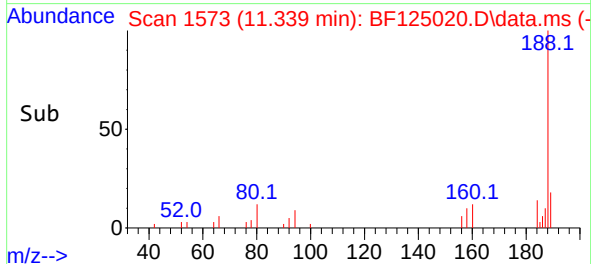
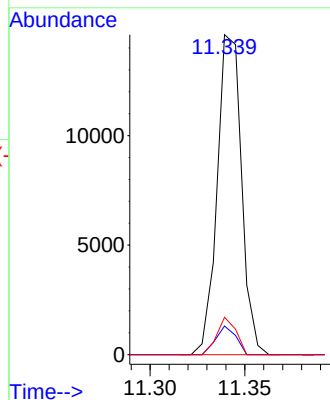
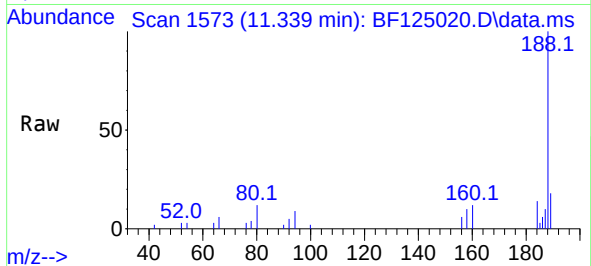
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

Tgt Ion:188 Resp: 13083
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 11.7 7.5 11.3#

Instrument :
BNA_F
ClientSampled :
WC-1

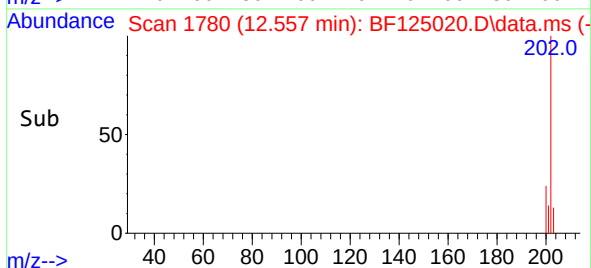
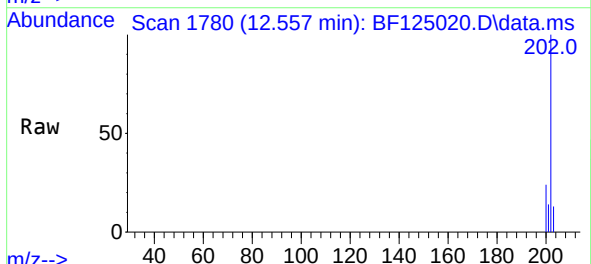
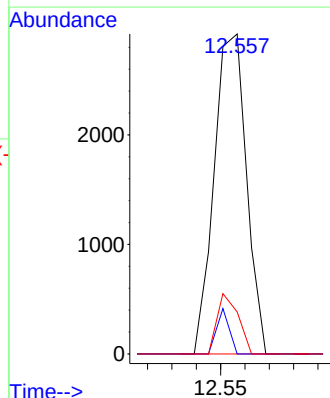
Manual Integrations
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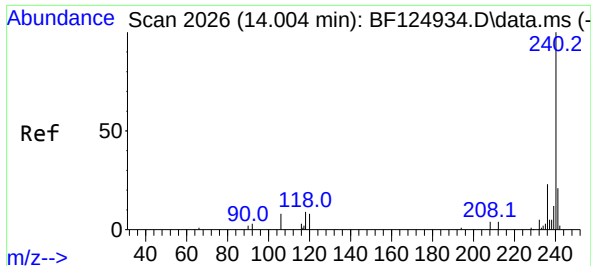
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#75
Fluoranthene
Concen: 3.672 ng
RT: 12.557 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

Tgt Ion:202 Resp: 2696
Ion Ratio Lower Upper
202 100
101 0.0 0.0 30.7
203 13.1 0.0 36.3





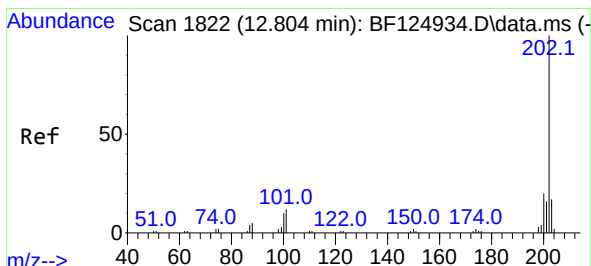
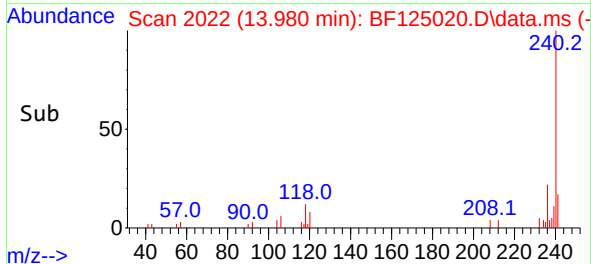
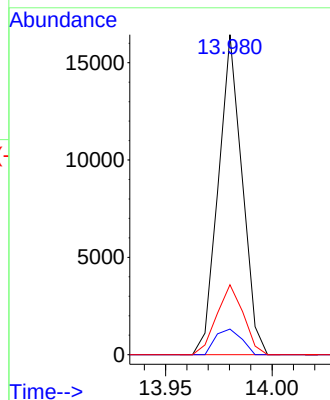
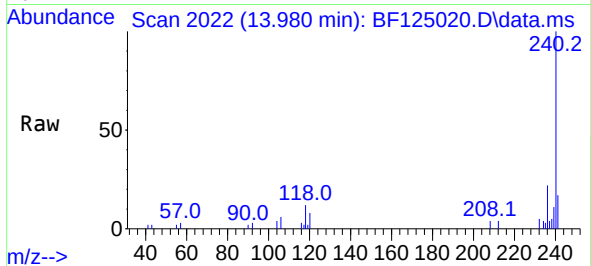
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Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

Instrument :
BNA_F
ClientSampled :
WC-1

Tgt Ion:240 Resp: 12769
Ion Ratio Lower Upper
240 100
120 8.0 10.8 16.2#
236 21.8 21.6 32.4

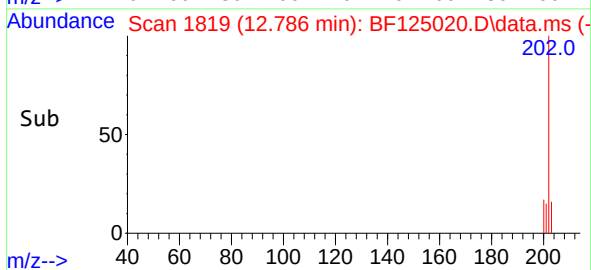
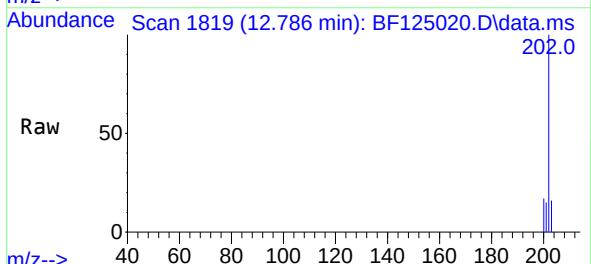
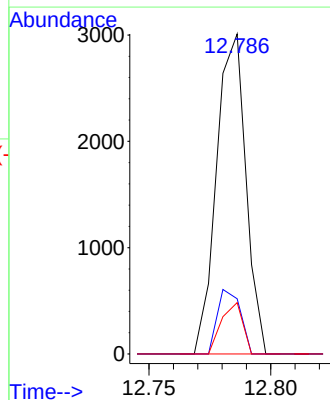
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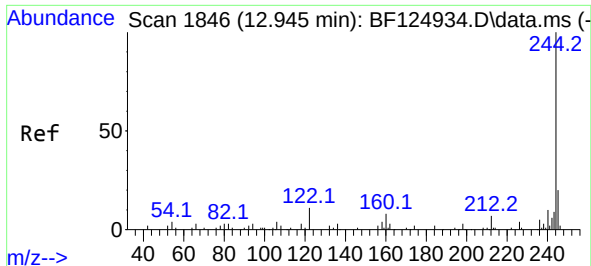
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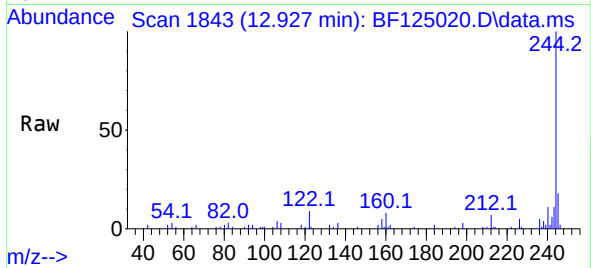
#78
Pyrene
Concen: 2.511 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

Tgt Ion:202 Resp: 2525
Ion Ratio Lower Upper
202 100
200 17.2 15.3 22.9
203 16.1 13.4 20.0

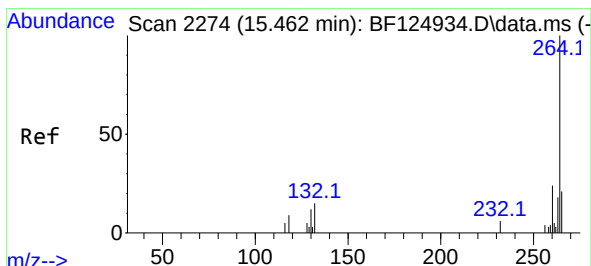
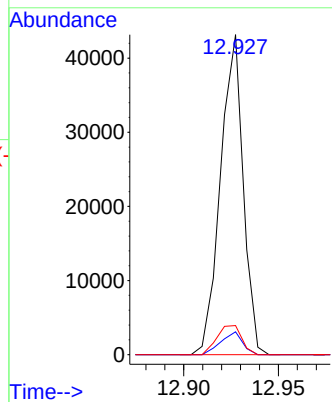
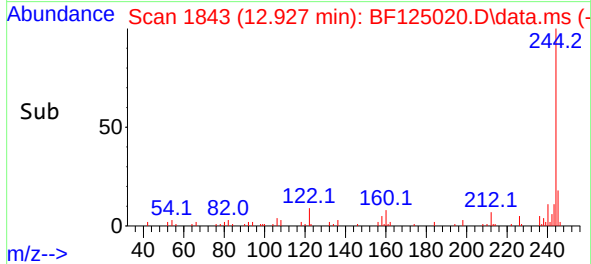




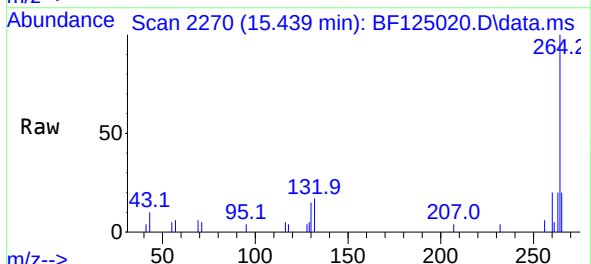
#79
Terphenyl-d14
Concen: 47.634 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23



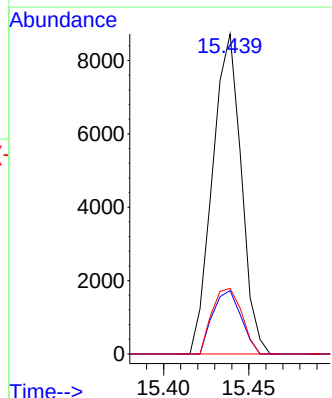
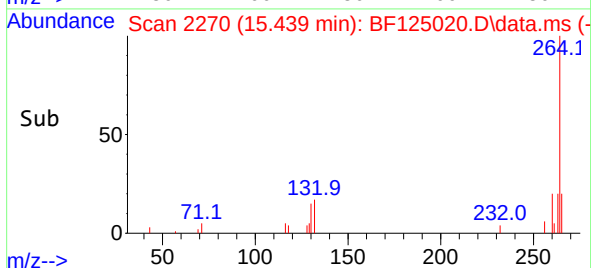
Tgt Ion:244 Resp: 36058
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.1 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23



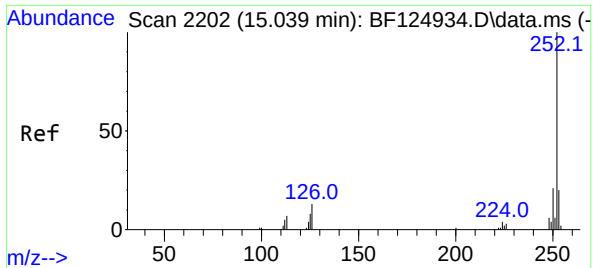
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Ion Ratio Lower Upper
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260 19.8 19.6 29.4
265 20.5 17.2 25.8



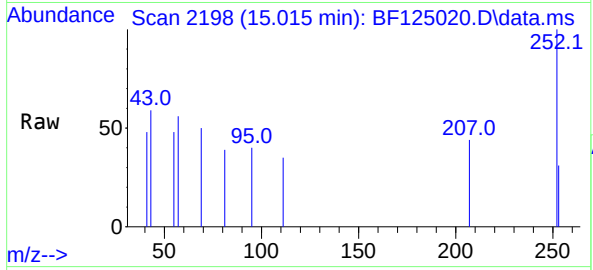
Instrument :
BNA_F
ClientSampled :
WC-1

Manual Integrations
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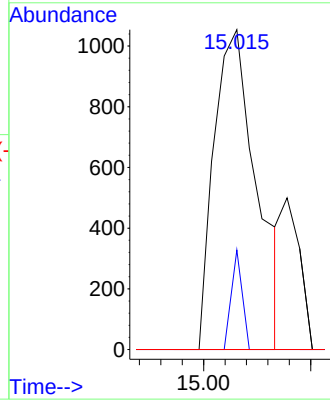
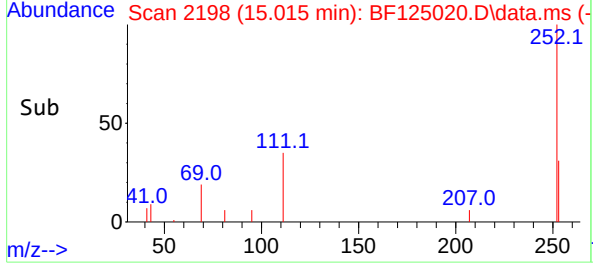
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#88
Benzo(b)fluoranthene
Concen: 2.030 ng m
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23



Tgt Ion:	252	Resp:	1461
Ion Ratio	Lower	Upper	
252	100		
253	31.1	16.8	25.2#
125	0.0	9.8	14.8#



Instrument :
BNA_F
ClientSampleId :
WC-1

Manual Integrations
APPROVED

mohammad
8/10/2021 4:35:07 PM