

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017793.D
 Acq On : 08 Dec 2021 10:21
 Operator : CG/JU
 Sample : M4918-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-43

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 09 00:04:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	17688	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	67508	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	55125	0.400	ng	# 0.00
19) Phenanthrene-d10	17.093	188	106156	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	101889	0.400	ng	# 0.01
35) Perylene-d12	23.586	264	100219	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5424	0.127	ng	0.00
5) Phenol-d6	6.913	99	2598	0.064	ng	0.00
8) Nitrobenzene-d5	8.859	82	17983m	0.400	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	42492	0.316	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	9296	0.323	ng	0.00
15) 2-Fluorobiphenyl	12.965	172	82056	0.407	ng	0.00
27) Fluoranthene-d10	19.130	212	123492	0.348	ng	0.00
31) Terphenyl-d14	19.735	244	117521	0.537	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.289	88	2428m	0.373	ng	
9) Naphthalene	10.545	128	394869	2.234	ng	# 81
12) 2-Methylnaphthalene	12.161	142	11125	0.087	ng	# 66
17) Acenaphthene	14.411	154	228199	1.581	ng	99
18) Fluorene	15.388	166	58511	0.317	ng	98
24) Pentachlorophenol	16.752	266	169	0.286	ng	93
25) Phenanthrene	17.129	178	49432m	0.177	ng	
28) Fluoranthene	19.159	202	20243	0.060	ng	98
34) Bis(2-ethylhexyl)phtha...	21.219	149	58910	0.415	ng	100

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

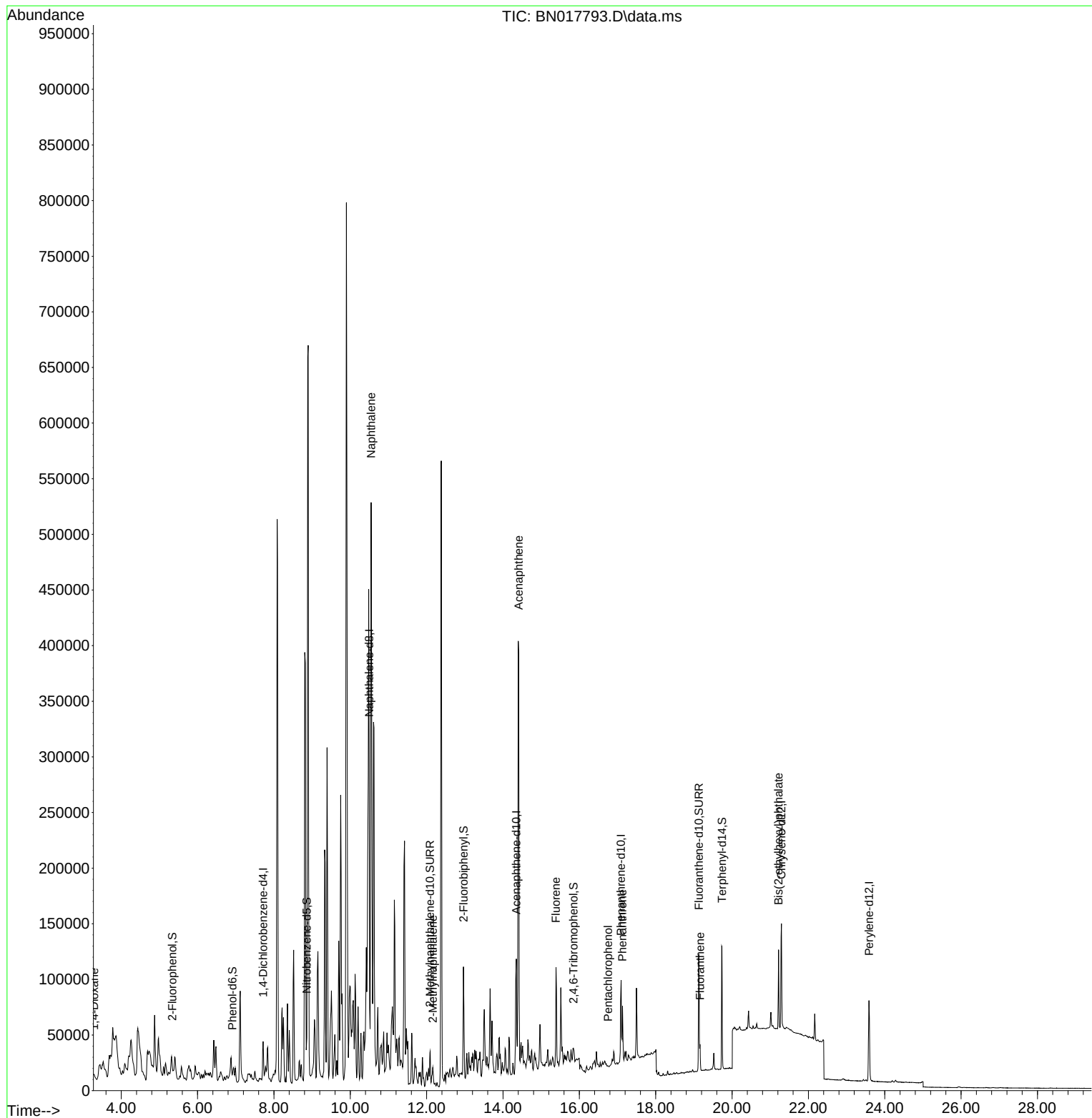
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017793.D
Acq On : 08 Dec 2021 10:21
Operator : CG/JU
Sample : M4918-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

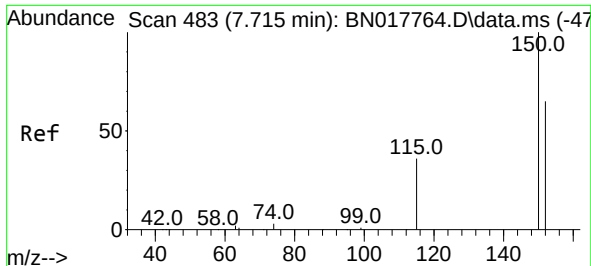
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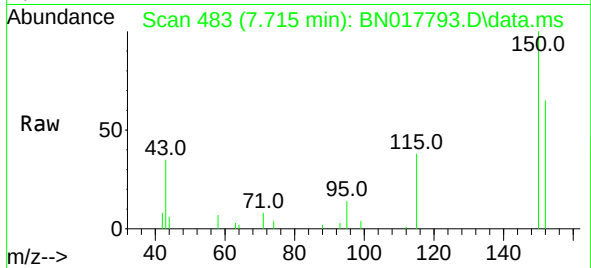
Quant Time: Dec 09 00:04:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 4
 Delta R.T. -0.000 min
 Lab File: BN017793.D
 Acq: 08 Dec 2021 10:21

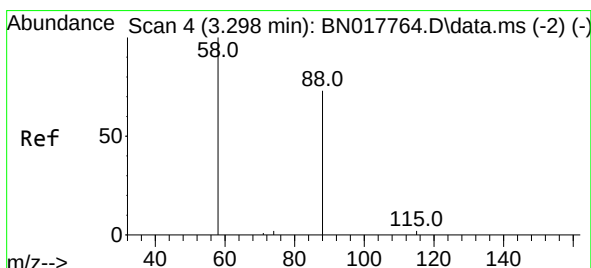
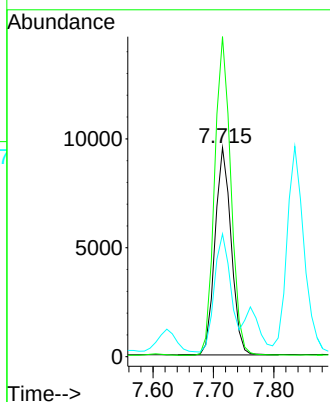
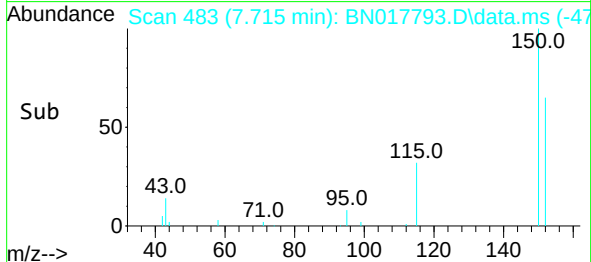
Instrument :
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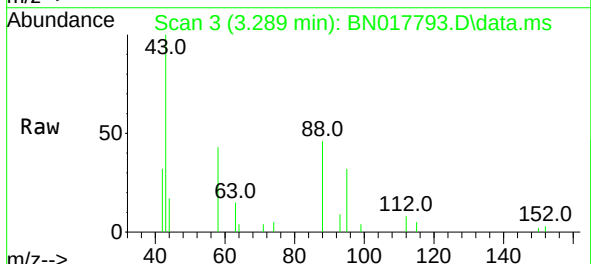
Tgt Ion: 152 Resp: 1768
 Ion Ratio Lower Upper
 152 100
 150 153.0 123.0 184.4
 115 58.7 45.3 67.9

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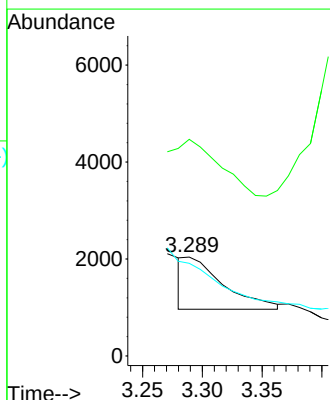
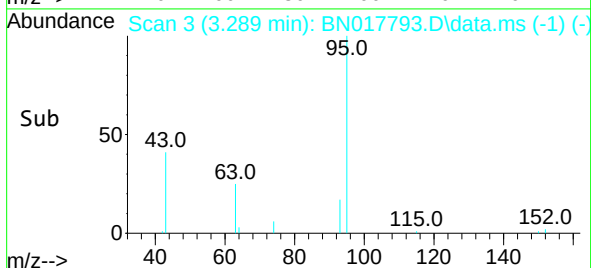
Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021

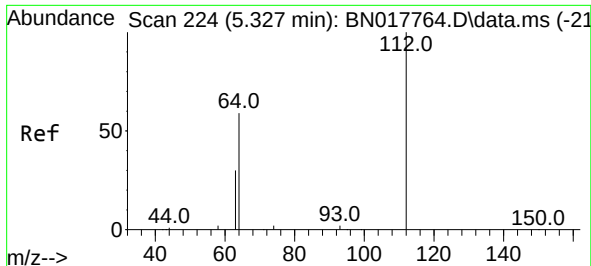


#2
 1,4-Dioxane
 Concen: 0.373 ng m
 RT: 3.289 min Scan# 3
 Delta R.T. -0.009 min
 Lab File: BN017793.D
 Acq: 08 Dec 2021 10:21



Tgt Ion: 88 Resp: 2428
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 0.0 0.0 0.0





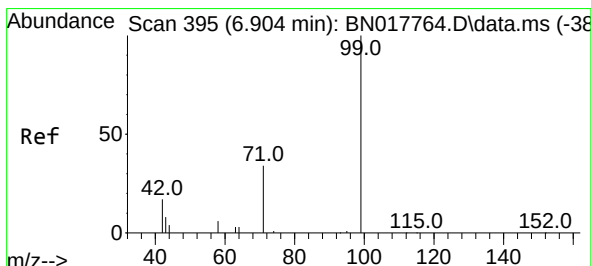
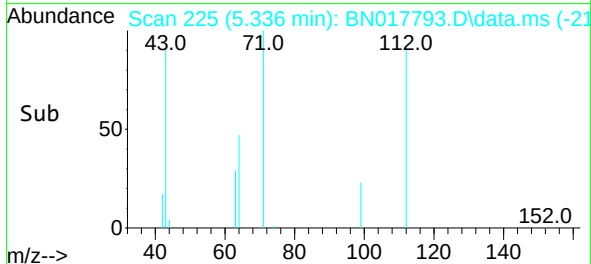
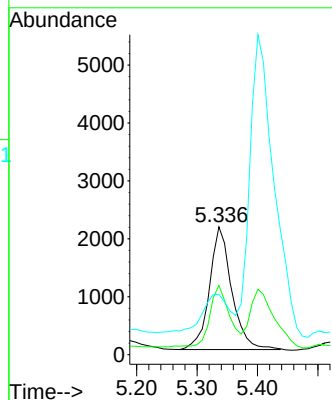
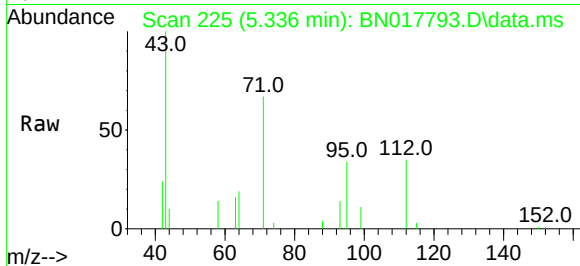
#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

Instrument :
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ClientSampleId :
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Tgt Ion: 112 Resp: 5424
Ion Ratio Lower Upper
112 100
64 44.2 49.3 73.9#
63 36.5 25.8 38.8

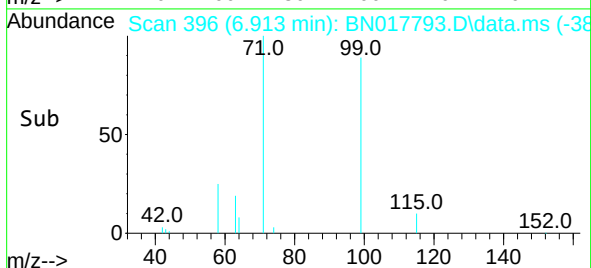
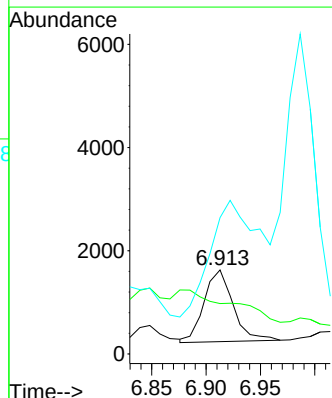
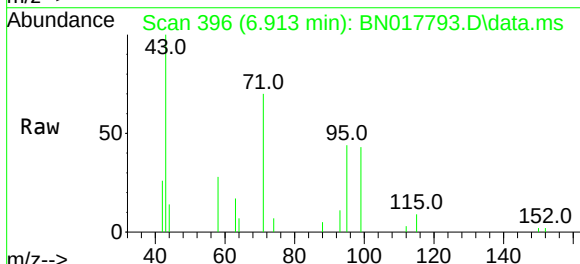
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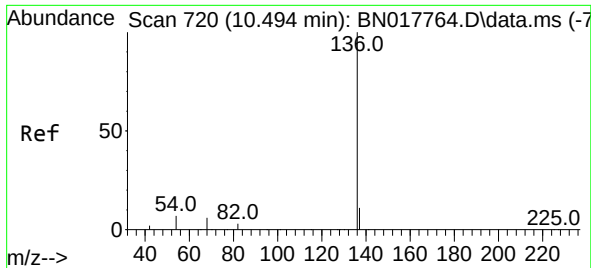
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#5
Phenol-d6
Concen: 0.064 ng
RT: 6.913 min Scan# 396
Delta R.T. 0.009 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

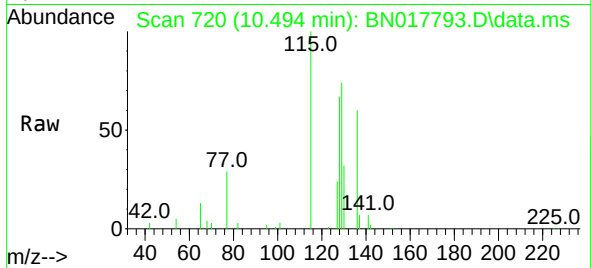
Tgt Ion: 99 Resp: 2598
Ion Ratio Lower Upper
99 100
42 0.0 16.6 25.0#
71 277.1 29.0 43.4#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 720
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

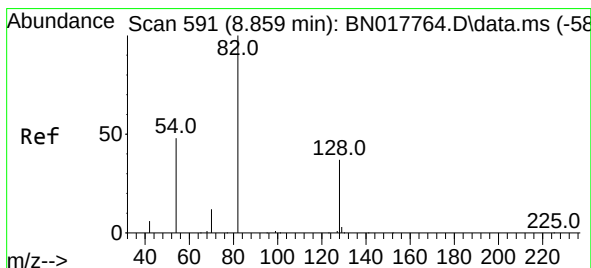
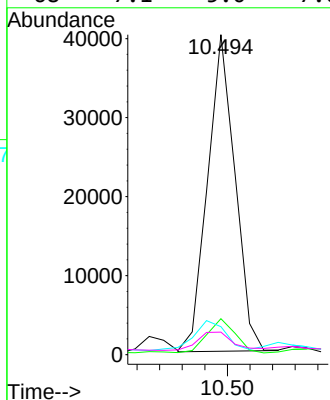
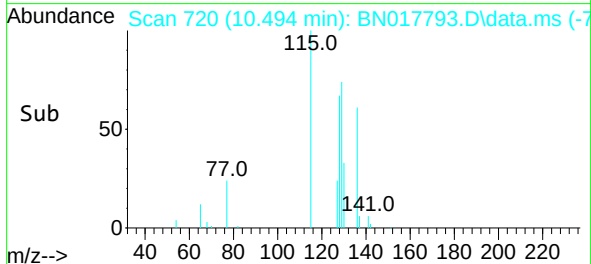
Instrument :
BNA_N
ClientSampleId :
MW-43



Tgt Ion:	136	Resp:	67508
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	8.7	5.9	8.9
68	7.1	5.0	7.6

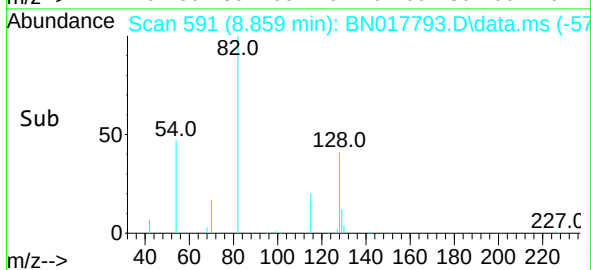
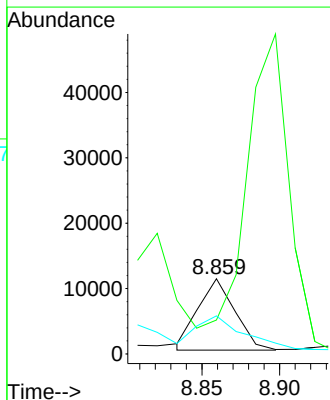
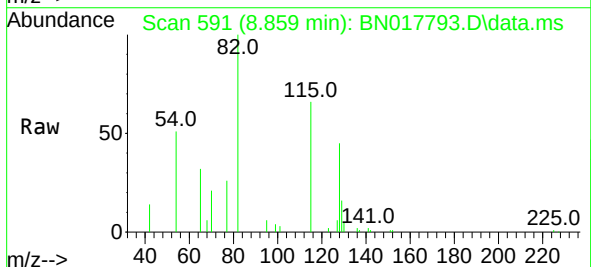
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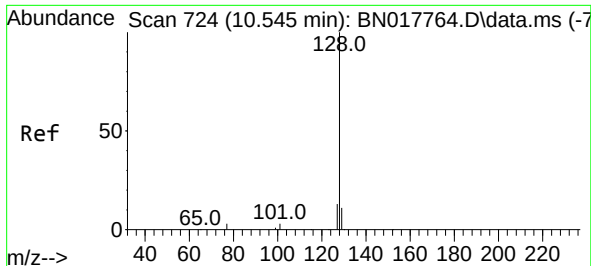
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#8
Nitrobenzene-d5
Concen: 0.400 ng m
RT: 8.859 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

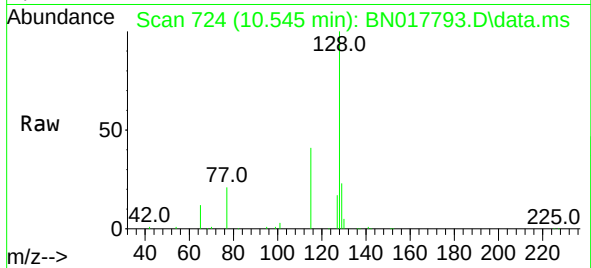
Tgt Ion:	82	Resp:	17983
Ion Ratio	Lower	Upper	
82	100		
128	45.0	30.2	45.2
54	50.6	39.0	58.6





#9
Naphthalene
Concen: 2.234 ng
RT: 10.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

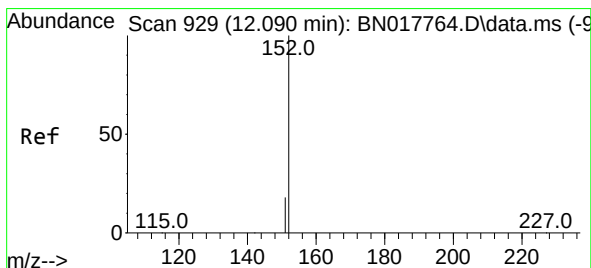
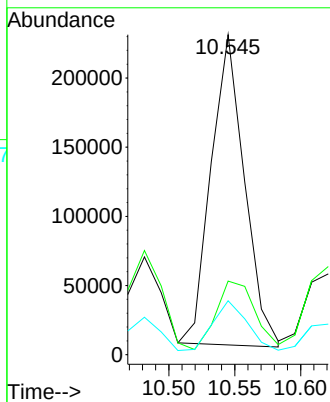
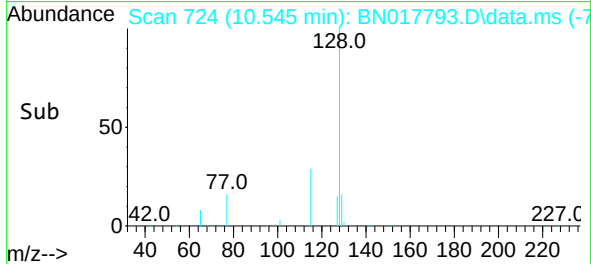
Instrument :
BNA_N
ClientSampleId :
MW-43



Tgt Ion:128 Resp: 394869
Ion Ratio Lower Upper
128 100
129 23.0 8.8 13.2
127 16.8 10.6 15.8

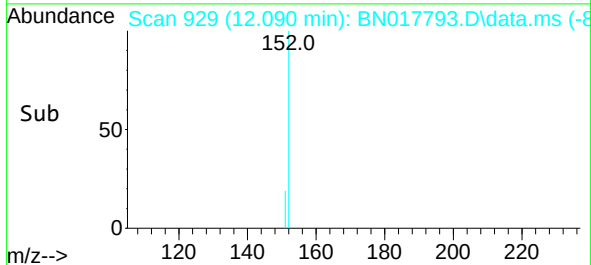
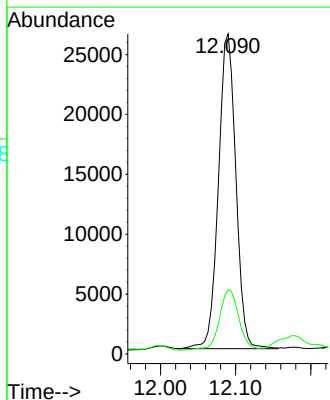
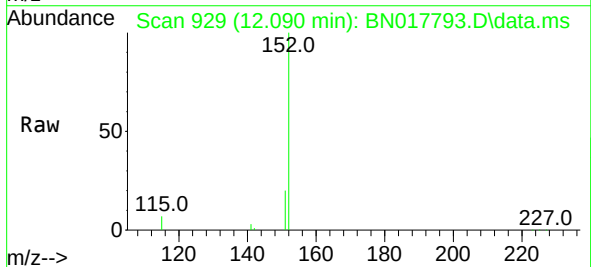
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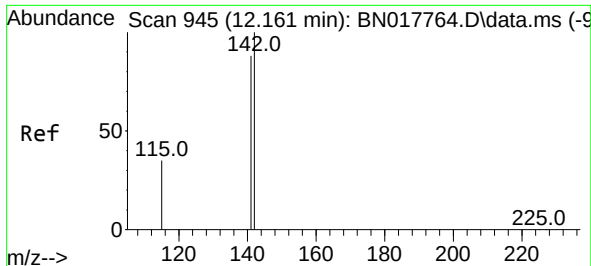
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#11
2-Methylnaphthalene-d10
Concen: 0.316 ng
RT: 12.090 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

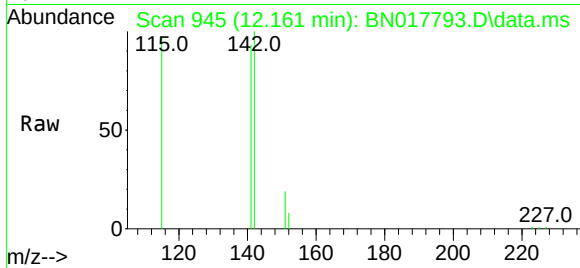
Tgt Ion:152 Resp: 42492
Ion Ratio Lower Upper
152 100
151 21.7 16.4 24.6





#12
2-Methylnaphthalene
Concen: 0.087 ng
RT: 12.161 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

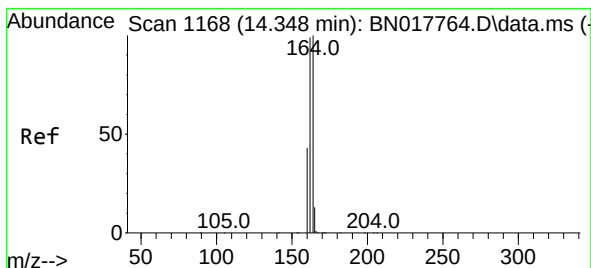
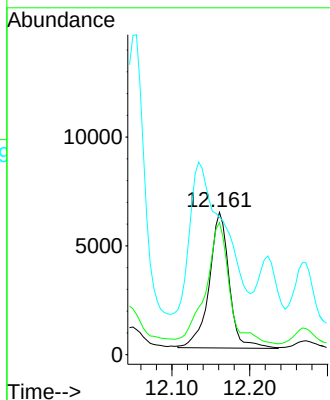
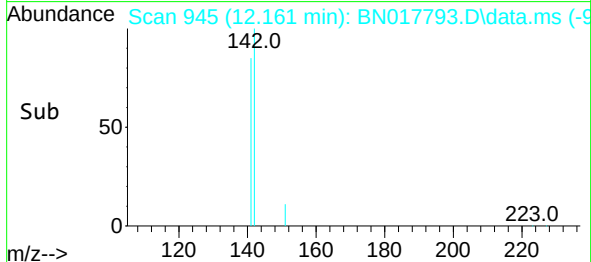
Instrument :
BNA_N
ClientSampleId :
MW-43



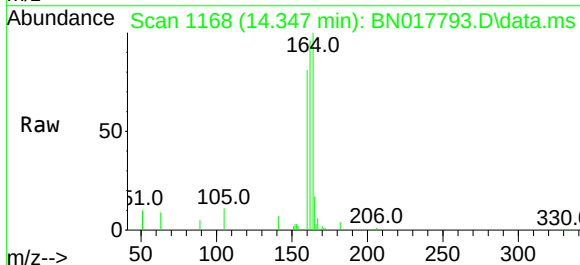
Tgt Ion:142 Resp: 11125
Ion Ratio Lower Upper
142 100
141 92.7 70.5 105.7
115 96.5 28.0 42.0

Manual Integrations
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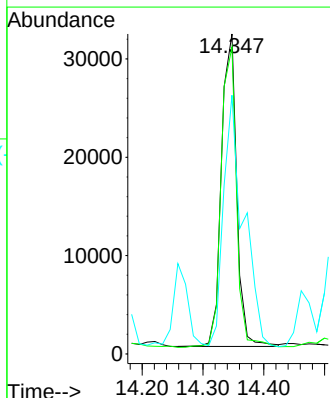
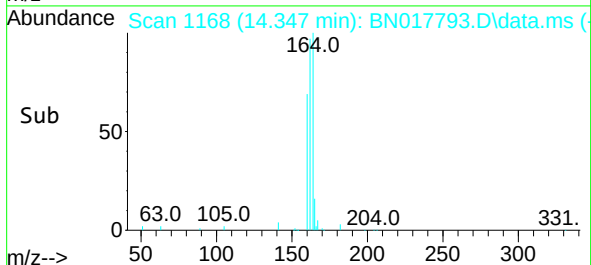
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Supervised By :mohammad ahmed 12/15/2021

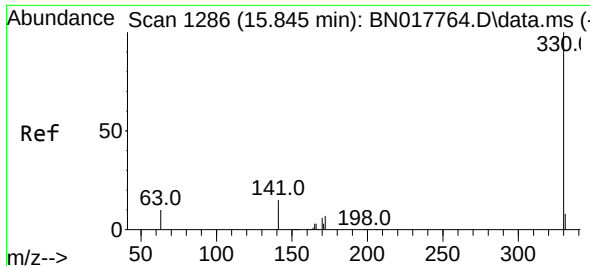


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21



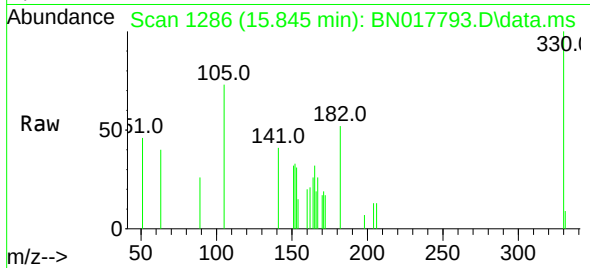
Tgt Ion:164 Resp: 55125
Ion Ratio Lower Upper
164 100
162 95.9 79.0 118.6
160 80.9 34.6 52.0





#14
2,4,6-Tribromophenol
Concen: 0.323 ng
RT: 15.845 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

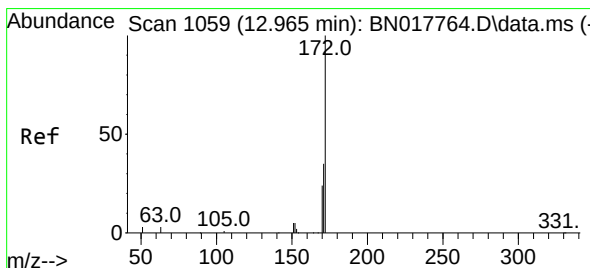
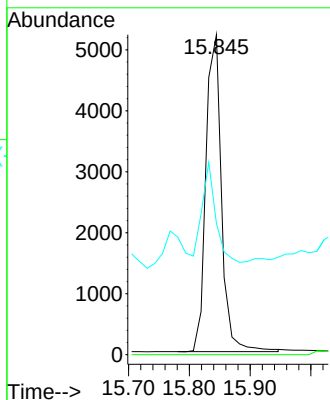
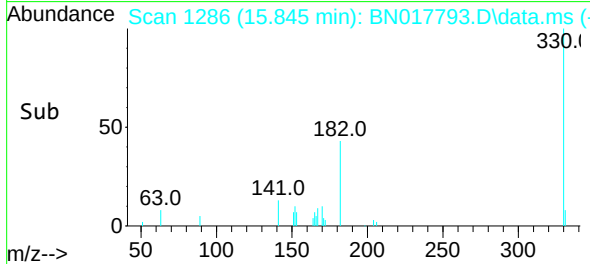
Instrument :
BNA_N
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MW-43



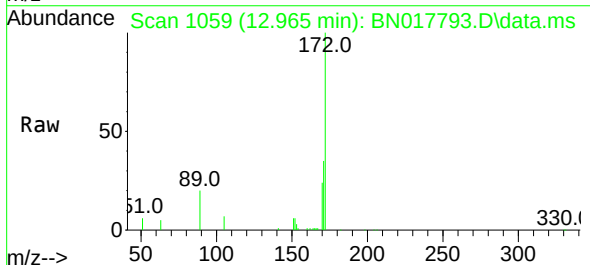
Tgt Ion:330 Resp: 9290
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.1 21.5 32.3

Manual Integrations
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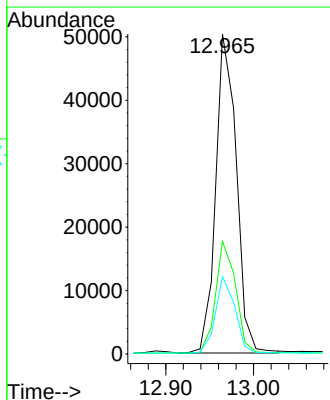
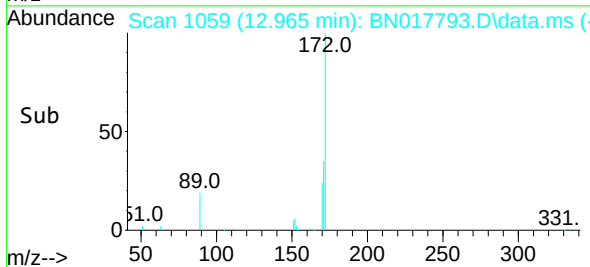
Reviewed By :Jagrut Upadhyay 12/09/2021
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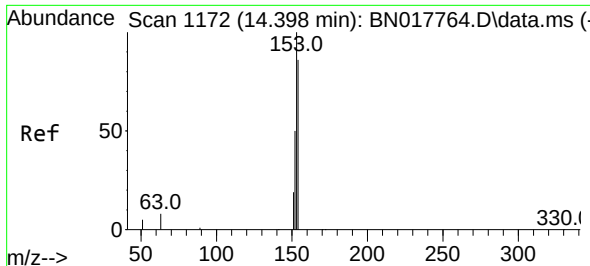


#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.965 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21



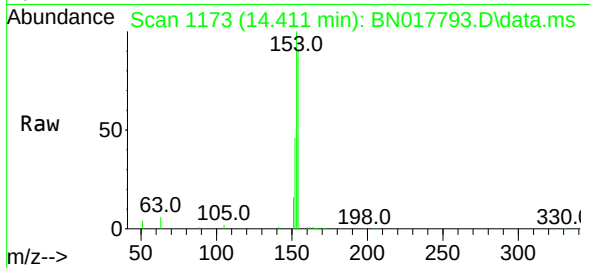
Tgt Ion:172 Resp: 82056
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 24.2 18.9 28.3





#17
Acenaphthene
Concen: 1.581 ng
RT: 14.411 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

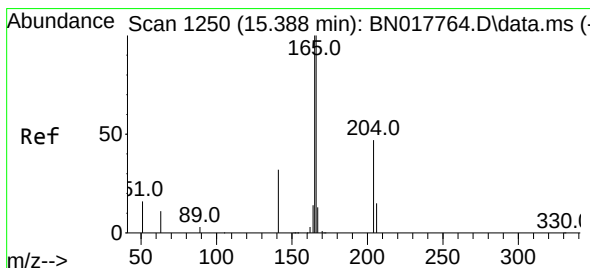
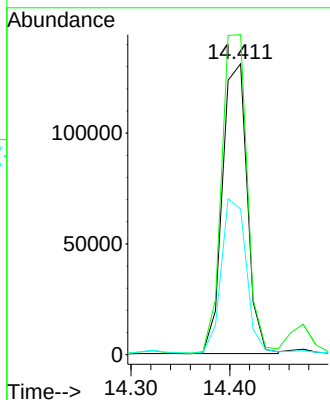
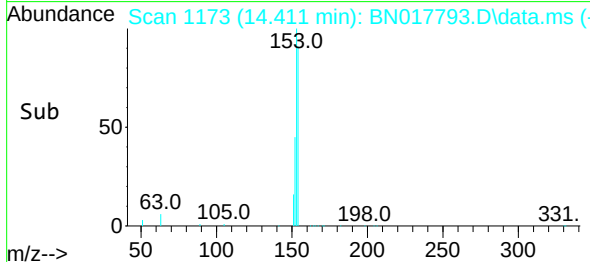
Instrument :
BNA_N
ClientSampleId :
MW-43



Tgt Ion:154 Resp: 228199
Ion Ratio Lower Upper
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153 113.6 90.1 135.1
152 54.7 43.7 65.5

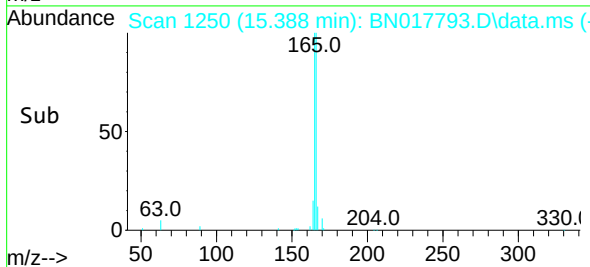
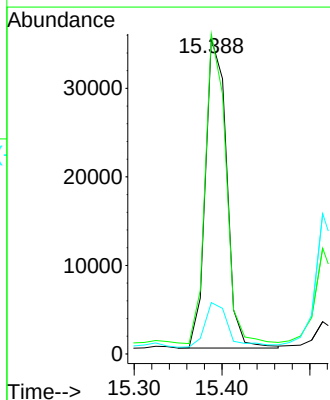
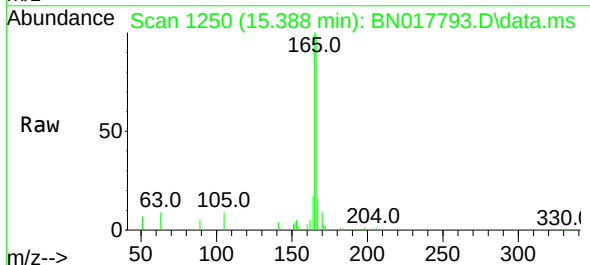
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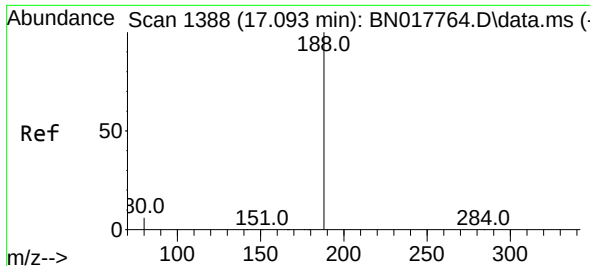
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#18
Fluorene
Concen: 0.317 ng
RT: 15.388 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

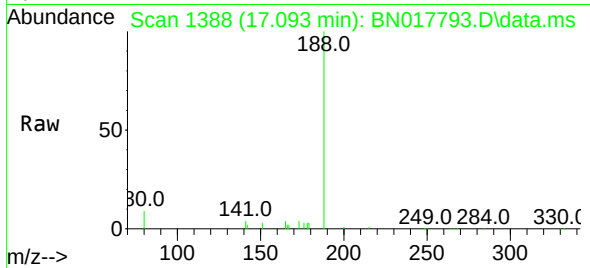
Tgt Ion:166 Resp: 58511
Ion Ratio Lower Upper
166 100
165 96.2 77.8 116.8
167 16.3 11.0 16.4





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

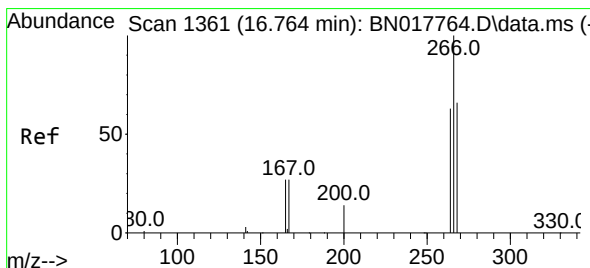
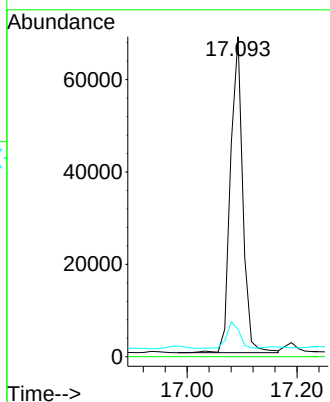
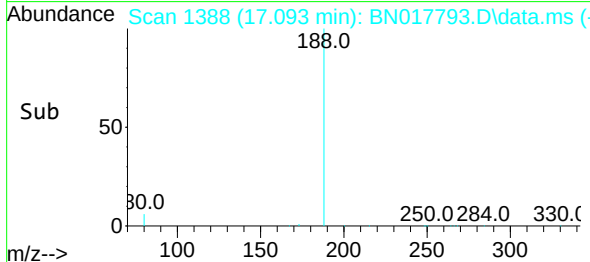
Instrument :
BNA_N
ClientSampleId :
MW-43



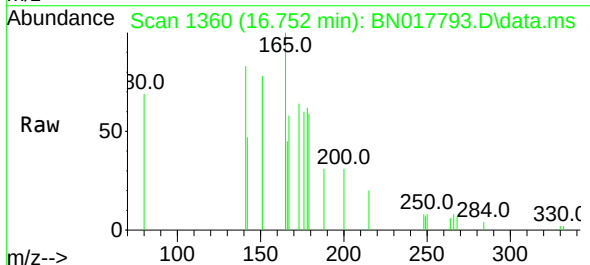
Tgt Ion:188 Resp: 106150
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 5.1 7.7

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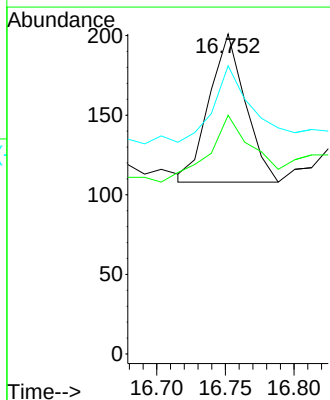
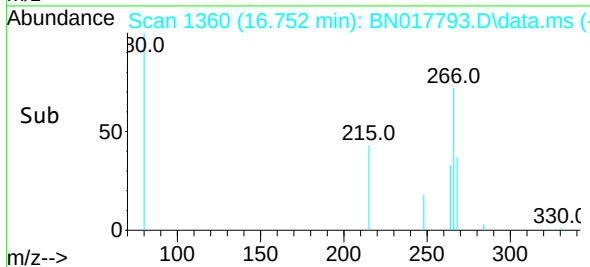
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

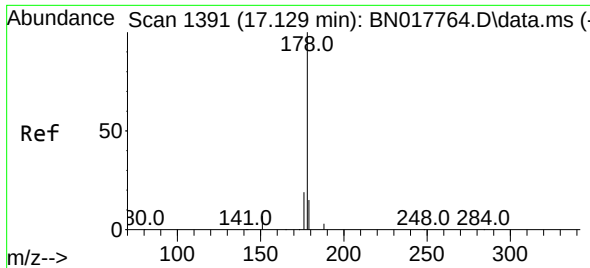


#24
Pentachlorophenol
Concen: 0.286 ng
RT: 16.752 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21



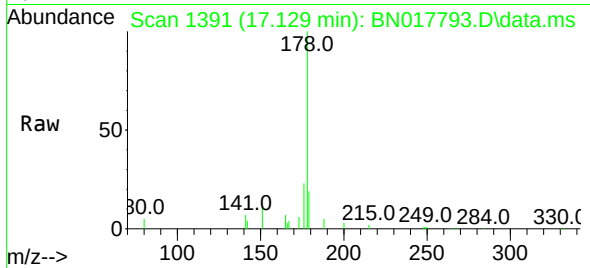
Tgt Ion:266 Resp: 169
Ion Ratio Lower Upper
266 100
264 55.6 50.8 76.2
268 61.5 51.8 77.6





#25
Phenanthrene
Concen: 0.177 ng m
RT: 17.129 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

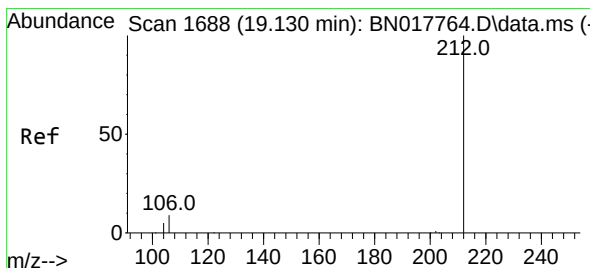
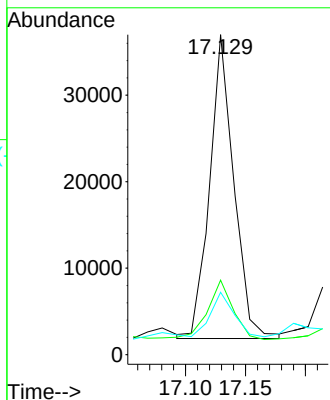
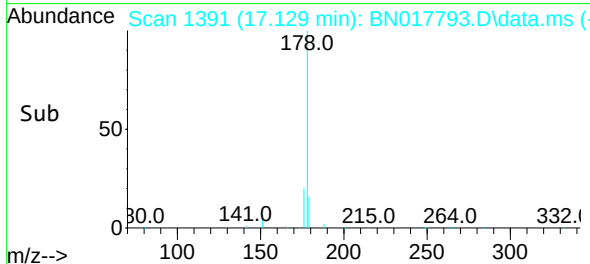
Instrument :
BNA_N
ClientSampleId :
MW-43



Tgt Ion:178 Resp: 49432
Ion Ratio Lower Upper
178 100
176 21.1 15.0 22.6
179 21.5 12.5 18.7

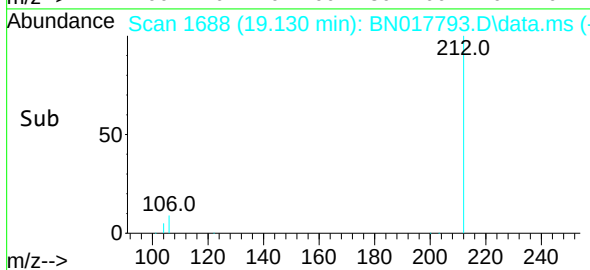
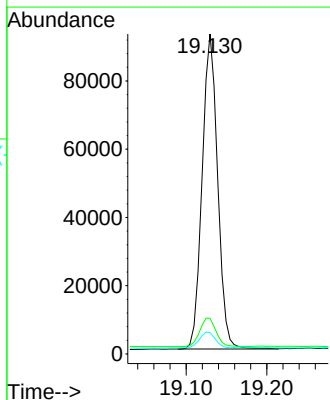
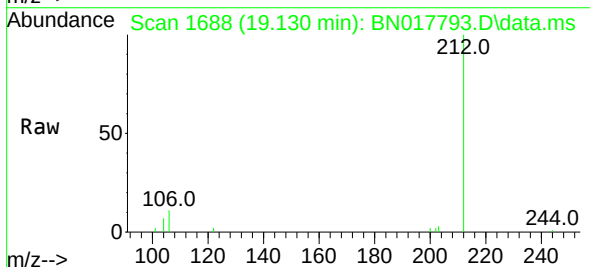
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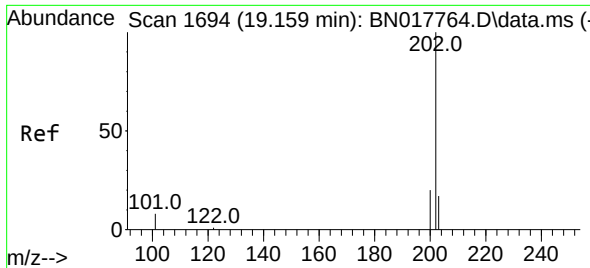
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.130 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

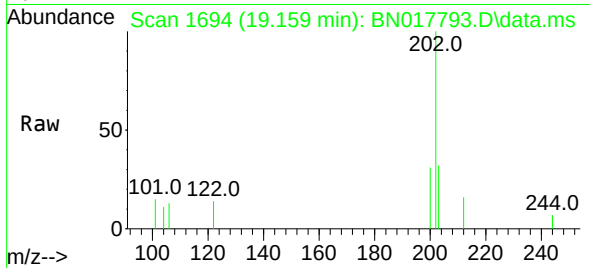
Tgt Ion:212 Resp: 123492
Ion Ratio Lower Upper
212 100
106 9.5 8.2 12.2
104 5.4 4.6 6.8





#28
Fluoranthene
Concen: 0.060 ng
RT: 19.159 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

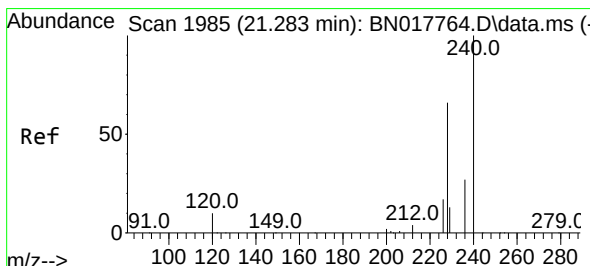
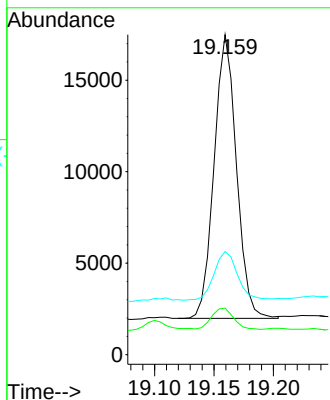
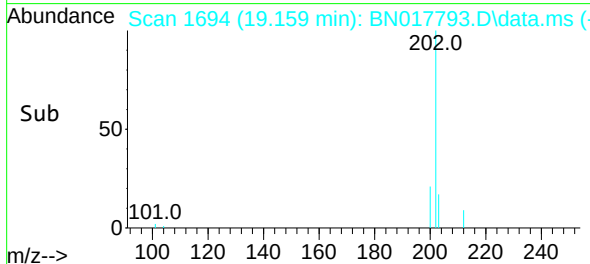
Instrument :
BNA_N
ClientSampleId :
MW-43



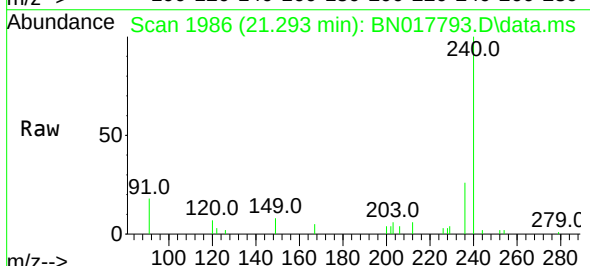
Tgt Ion:202 Resp: 2024
Ion Ratio Lower Upper
202 100
101 8.4 7.2 10.8
203 18.0 13.7 20.5

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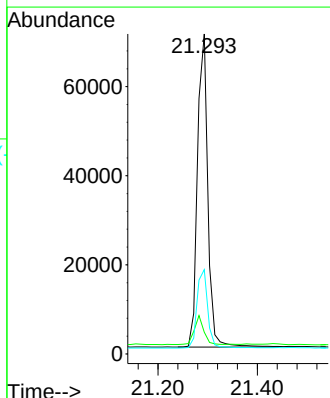
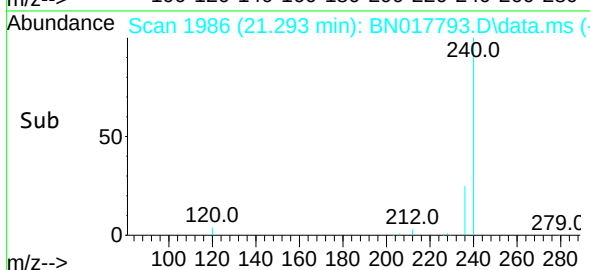
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

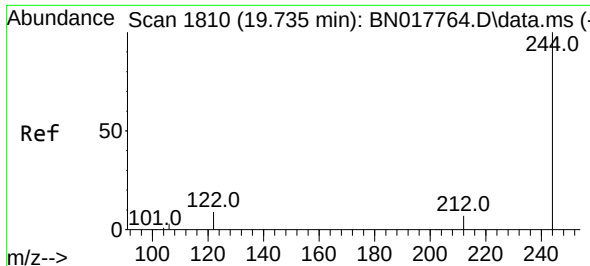


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1986
Delta R.T. 0.011 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21



Tgt Ion:240 Resp: 101889
Ion Ratio Lower Upper
240 100
120 6.8 7.9 11.9#
236 26.4 21.4 32.2





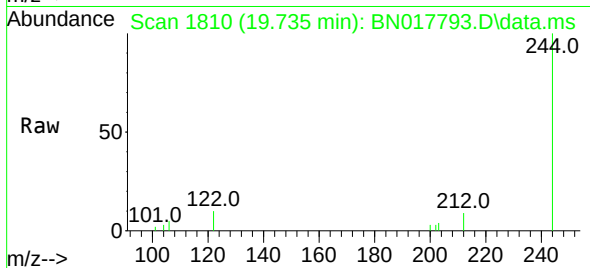
#31
 Terphenyl-d14
 Concen: 0.537 ng
 RT: 19.735 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: BN017793.D
 Acq: 08 Dec 2021 10:21

Instrument :

BNA_N

ClientSampleId :

MW-43

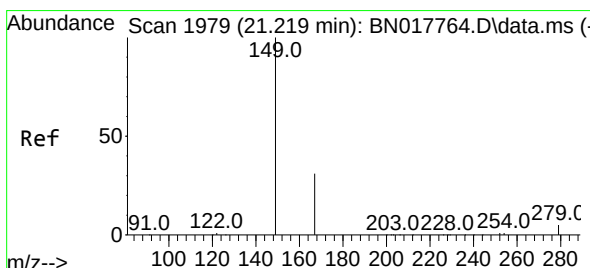
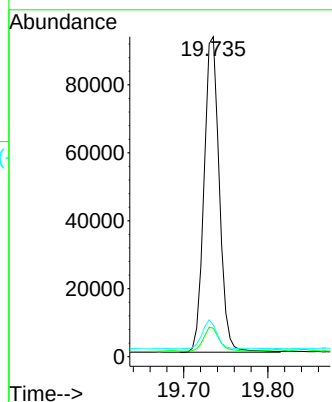
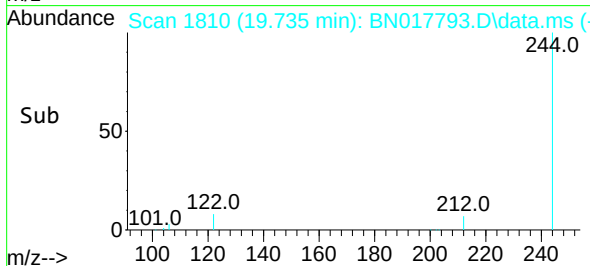


Tgt Ion:244 Resp: 11752
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.8 8.8
 122 9.9 7.1 10.7

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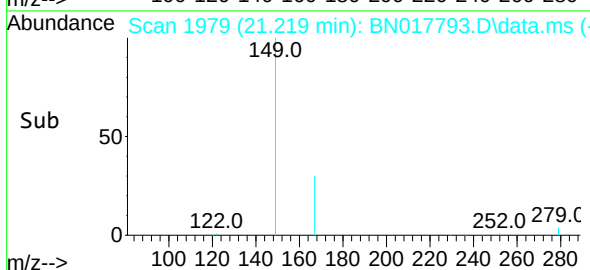
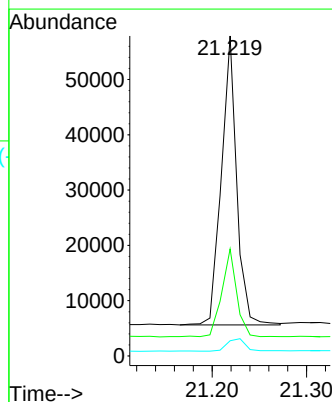
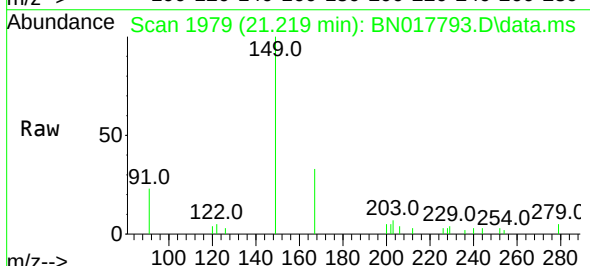
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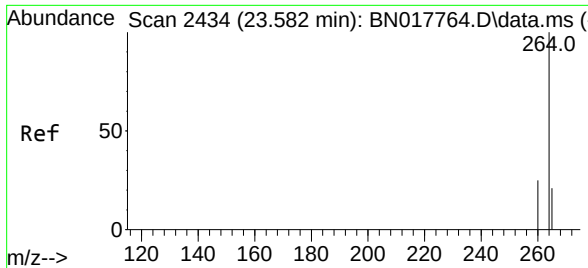
Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.415 ng
 RT: 21.219 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: BN017793.D
 Acq: 08 Dec 2021 10:21

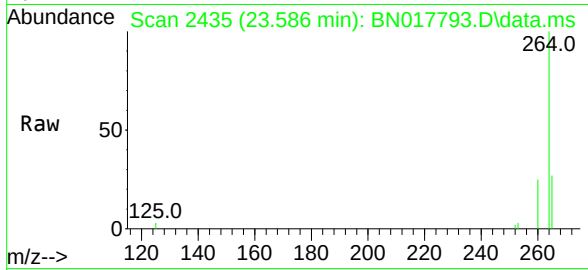
Tgt Ion:149 Resp: 58910
 Ion Ratio Lower Upper
 149 100
 167 29.3 23.5 35.3
 279 5.3 3.8 5.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: BN017793.D
 Acq: 08 Dec 2021 10:21

Instrument :
 BNA_N
 ClientSampleId :
 MW-43



Tgt Ion:264 Resp: 100219
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.0 30.0
 265 26.9 20.5 30.7

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Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021

