

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017792.D
 Acq On : 08 Dec 2021 09:45
 Operator : CG/JU
 Sample : M4918-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-38

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 00:04:12 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	7.724	152	17554	0.400	ng	0.00
7) Naphthalene-d8	10.507	136	80477	0.400	ng	# 0.01
13) Acenaphthene-d10	14.347	164	97959	0.400	ng	# 0.00
19) Phenanthrene-d10	17.093	188	111353	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	111547	0.400	ng	# 0.01
35) Perylene-d12	23.586	264	109074	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.345	112	26435	0.623	ng	0.02
5) Phenol-d6	6.922	99	4961	0.124	ng	0.02
8) Nitrobenzene-d5	8.859	82	26688m	0.499	ng	0.00
11) 2-Methylnaphthalene-d10	12.094	152	41022	0.256	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	15755	0.308	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	75998	0.212	ng	0.00
27) Fluoranthene-d10	19.129	212	122369	0.329	ng	0.00
31) Terphenyl-d14	19.735	244	114117	0.476	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.557	128	15031541	71.334	ng	97
12) 2-Methylnaphthalene	12.174	142	5736775	37.780	ng	96
17) Acenaphthene	14.411	154	276140	1.077	ng	# 89
18) Fluorene	15.400	166	377804	1.154	ng	# 96
25) Phenanthrene	17.129	178	454940m	1.555	ng	
26) Anthracene	17.226	178	29727	0.116	ng	# 62
28) Fluoranthene	19.159	202	49227	0.138	ng	97
30) Pyrene	19.522	202	32184	0.091	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.219	149	45007	0.289	ng	98

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

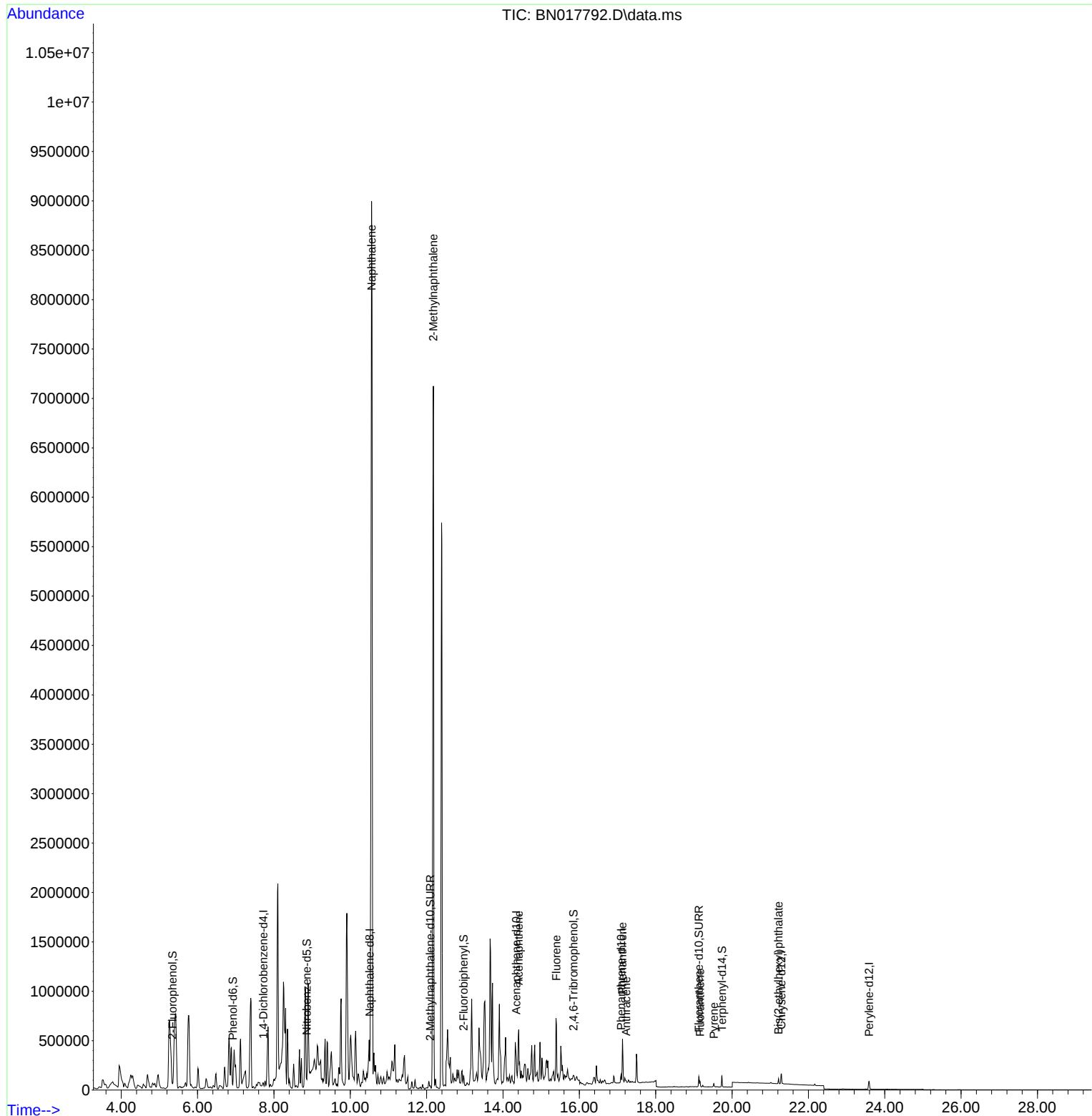
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017792.D
Acq On : 08 Dec 2021 09:45
Operator : CG/JU
Sample : M4918-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

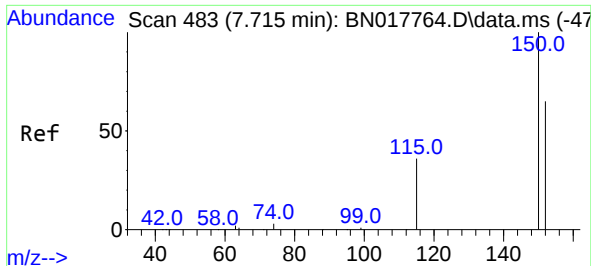
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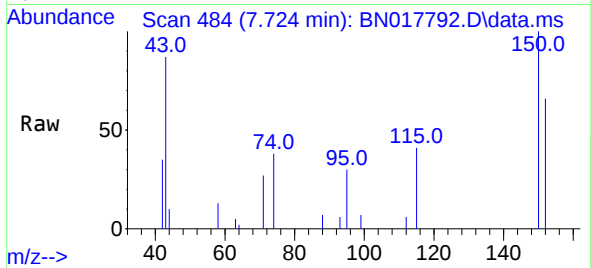
Quant Time: Dec 09 00:04:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

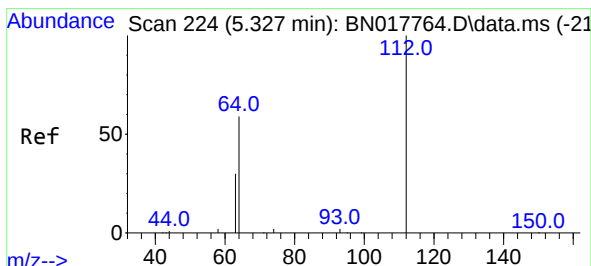
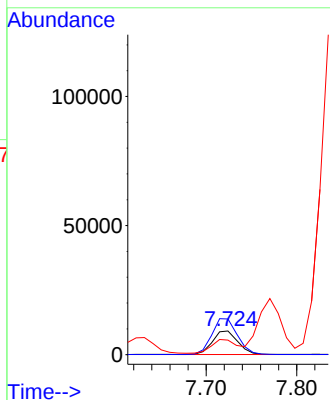
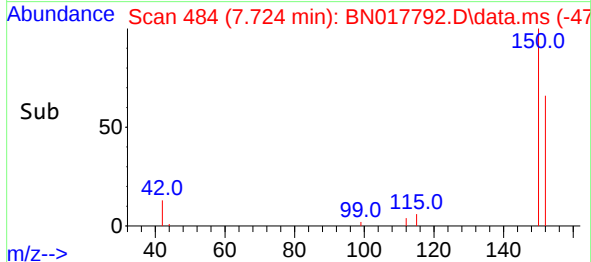
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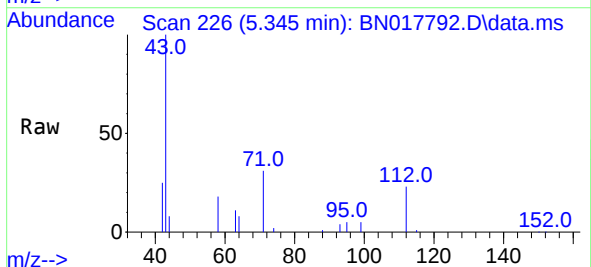
Tgt Ion:152 Resp: 17554
Ion Ratio Lower Upper
152 100
150 150.6 123.0 184.4
115 61.2 45.3 67.9

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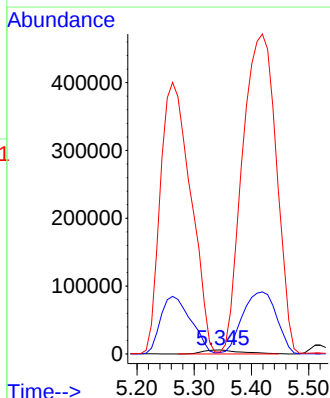
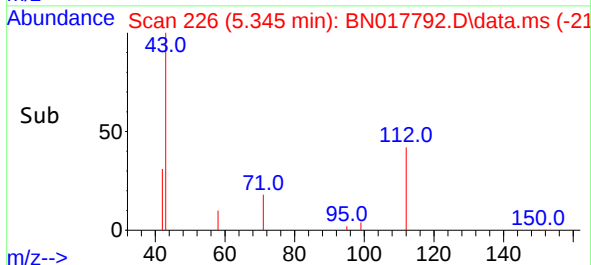
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

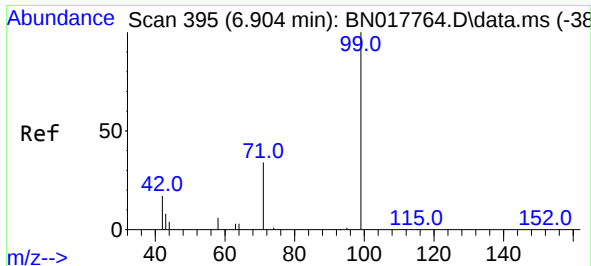


#4
2-Fluorophenol
Concen: 0.623 ng
RT: 5.345 min Scan# 226
Delta R.T. 0.018 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45



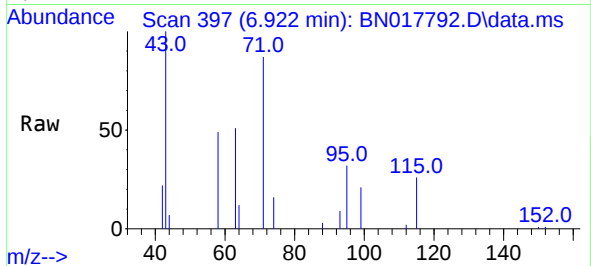
Tgt Ion:112 Resp: 26435
Ion Ratio Lower Upper
112 100
64 0.0 49.3 73.9#
63 0.0 25.8 38.8#





#5
Phenol-d6
Concen: 0.124 ng
RT: 6.922 min Scan# 397
Delta R.T. 0.018 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

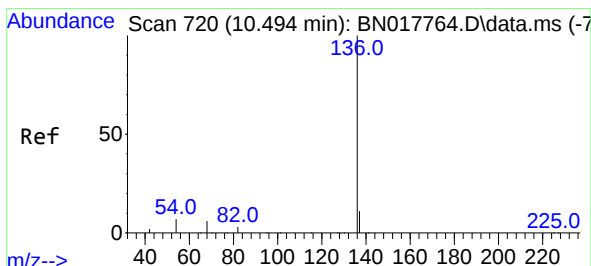
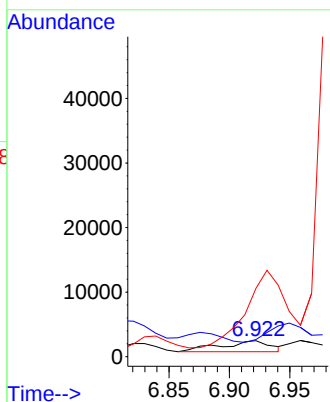
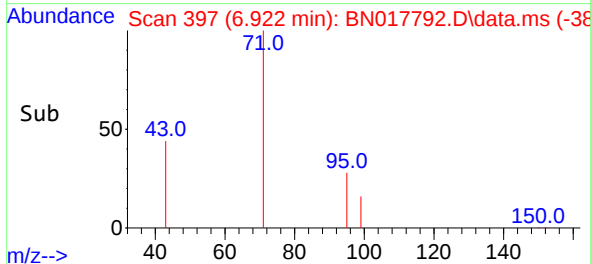
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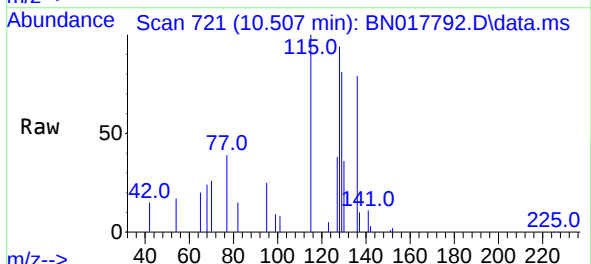
Tgt Ion: 99 Resp: 496
Ion Ratio Lower Upper
99 100
42 0.0 16.6 25.0#
71 564.4 29.0 43.4#

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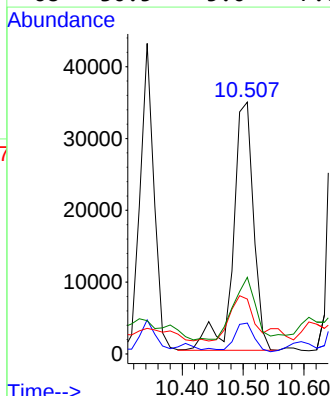
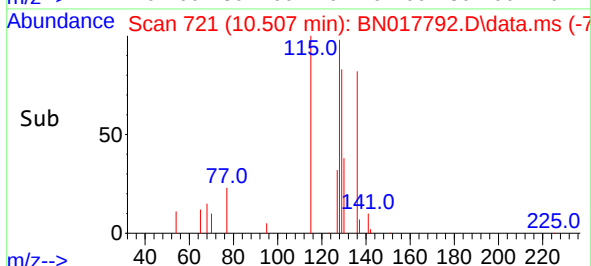
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

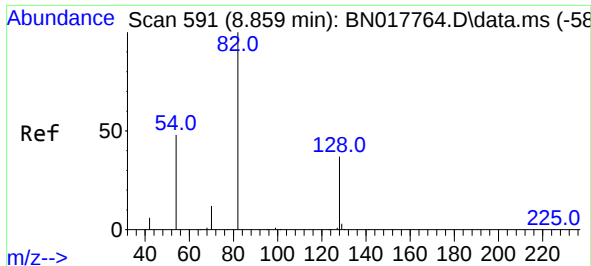


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.507 min Scan# 721
Delta R.T. 0.013 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45



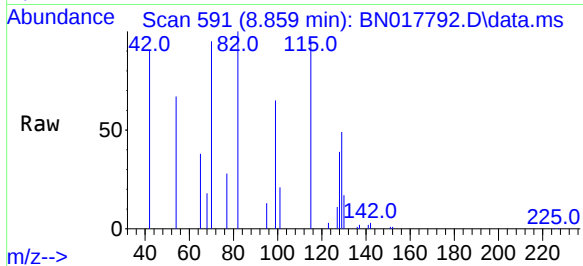
Tgt Ion:136 Resp: 80477
Ion Ratio Lower Upper
136 100
137 12.2 8.8 13.2
54 21.8 5.9 8.9#
68 30.5 5.0 7.6#





#8
Nitrobenzene-d5
Concen: 0.499 ng m
RT: 8.859 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

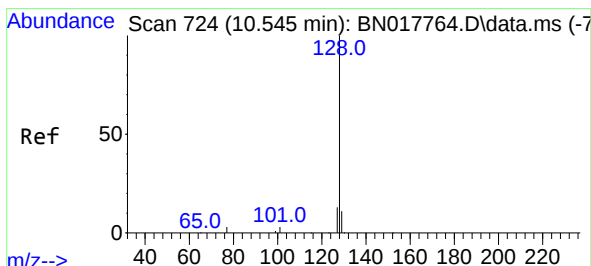
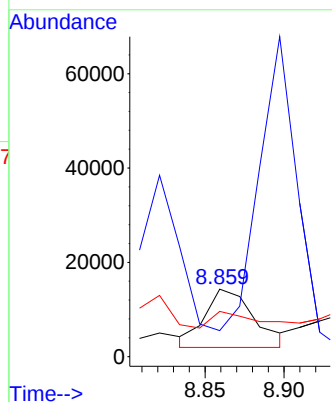
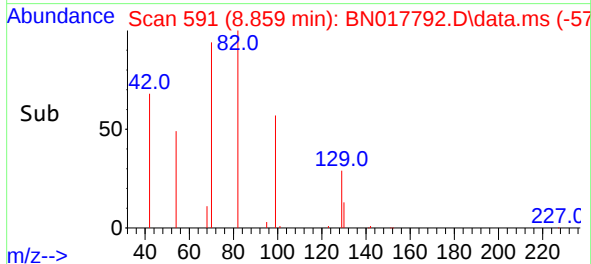
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 82 Resp: 2668
Ion Ratio Lower Upper
82 100
128 38.7 30.2 45.2
54 67.1 39.0 58.6

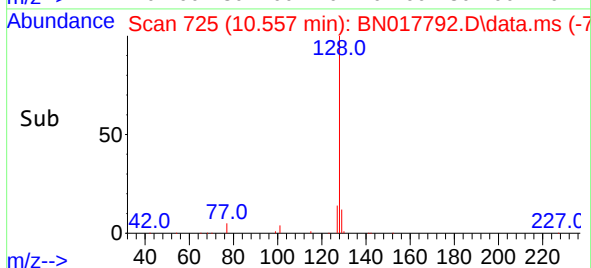
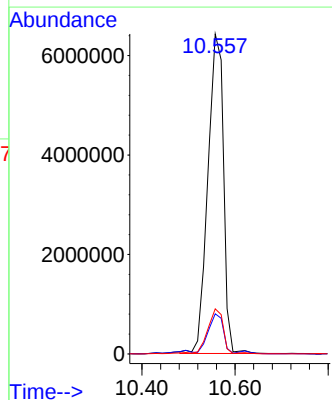
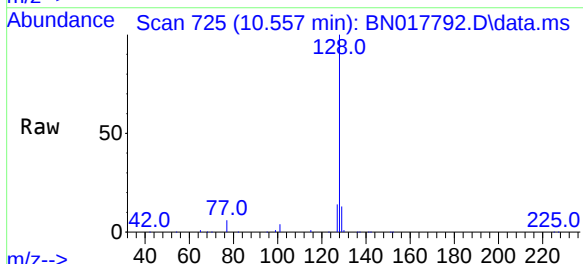
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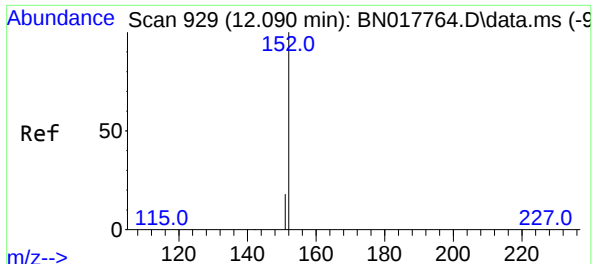
Reviewed By :Jagrut Upadhyay 12/09/2021
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#9
Naphthalene
Concen: 71.334 ng
RT: 10.557 min Scan# 725
Delta R.T. 0.013 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

Tgt Ion:128 Resp:15031541
Ion Ratio Lower Upper
128 100
129 12.5 8.8 13.2
127 14.1 10.6 15.8





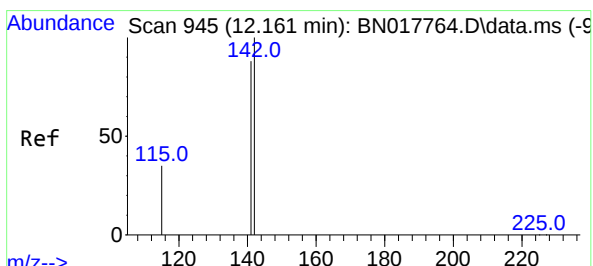
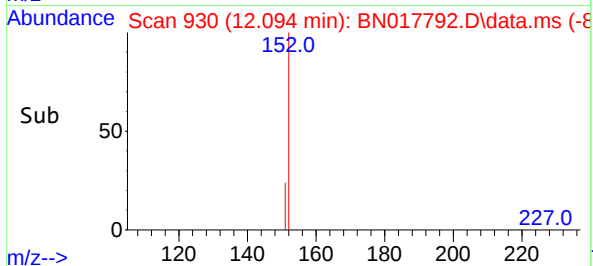
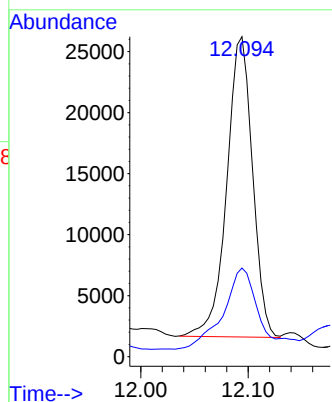
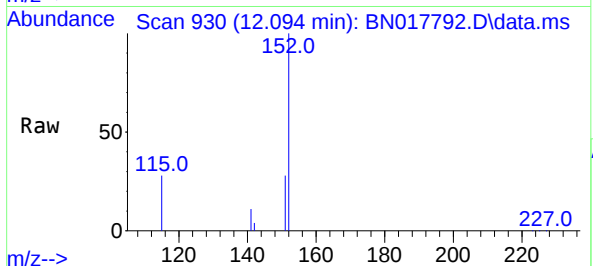
#11
2-Methylnaphthalene-d10
Concen: 0.256 ng
RT: 12.094 min Scan# 911
Delta R.T. 0.004 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

Instrument :
BNA_N
ClientSampleId :
MW-38

Tgt Ion:152 Resp: 4102
Ion Ratio Lower Upper
152 100
151 37.6 16.4 24.6

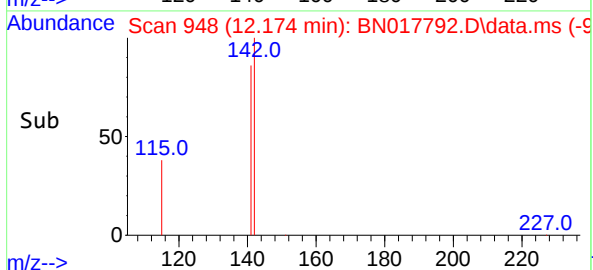
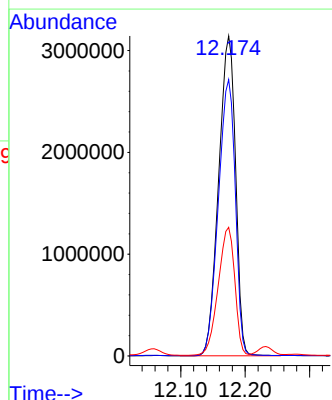
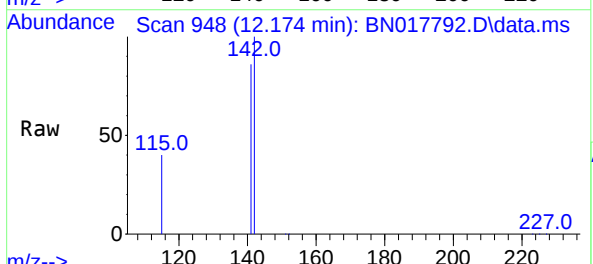
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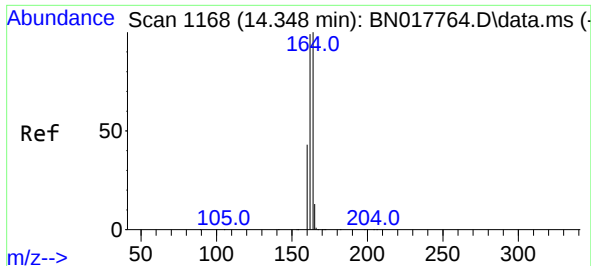
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#12
2-Methylnaphthalene
Concen: 37.780 ng
RT: 12.174 min Scan# 948
Delta R.T. 0.013 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

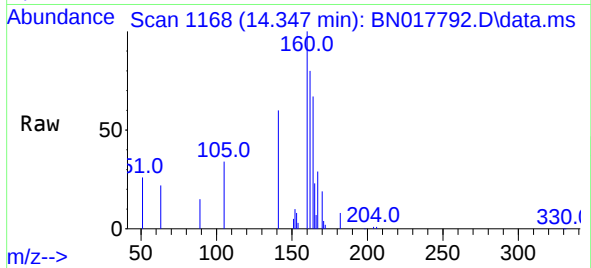
Tgt Ion:142 Resp: 5736775
Ion Ratio Lower Upper
142 100
141 86.3 70.5 105.7
115 40.2 28.0 42.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

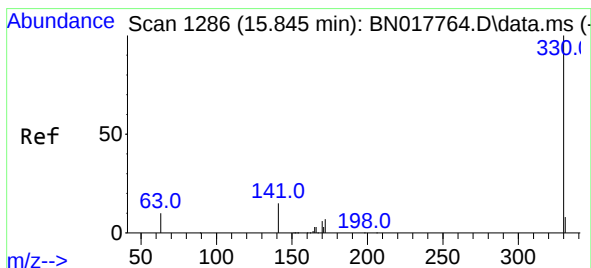
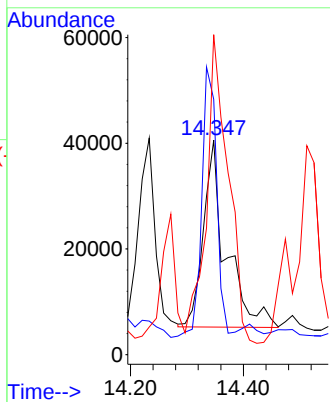
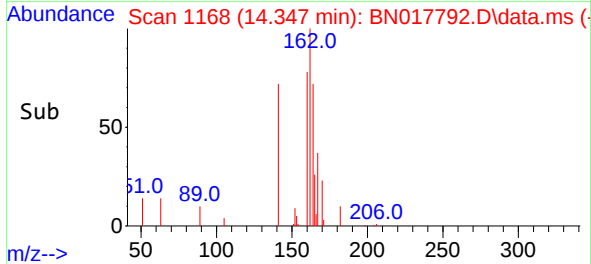
Instrument :
BNA_N
ClientSampleId :
MW-38



Tgt Ion:164 Resp: 9795
Ion Ratio Lower Upper
164 100
162 119.1 79.0 118.6
160 149.2 34.6 52.0

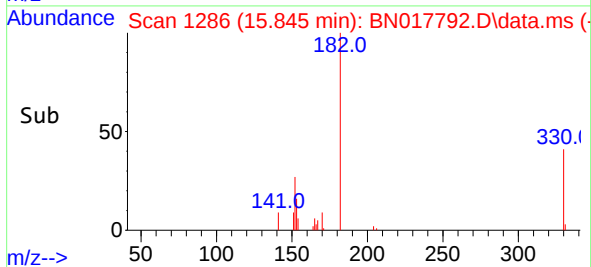
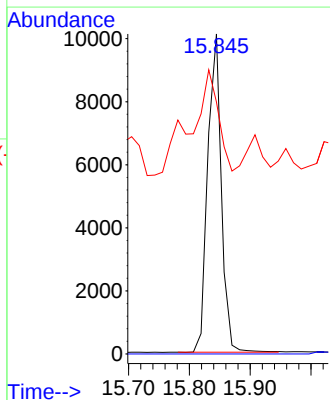
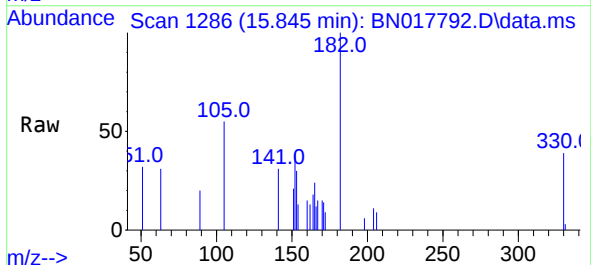
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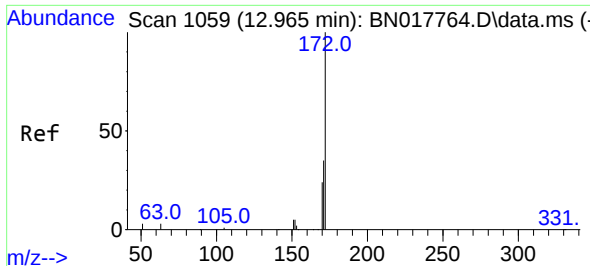
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Supervised By :mohammad ahmed 12/15/2021



#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 15.845 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

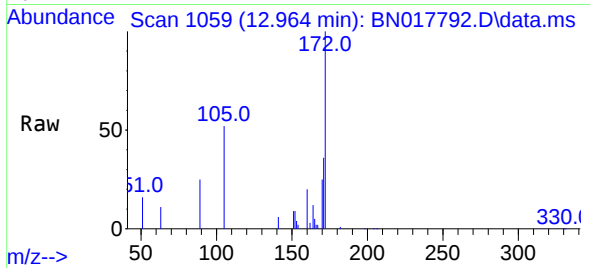
Tgt Ion:330 Resp: 15755
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 57.7 21.5 32.3





#15
2-Fluorobiphenyl
Concen: 0.212 ng
RT: 12.964 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

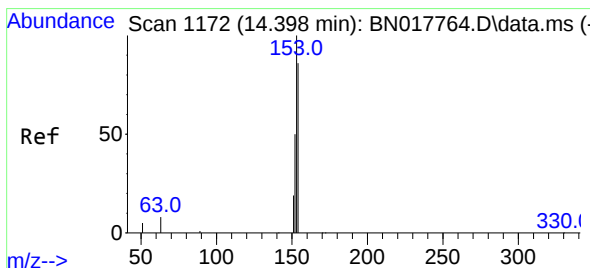
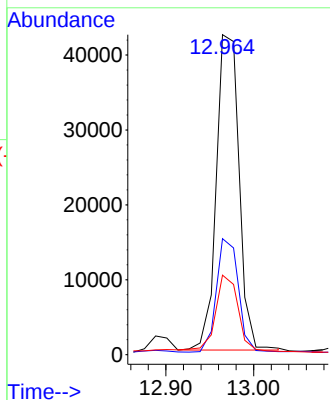
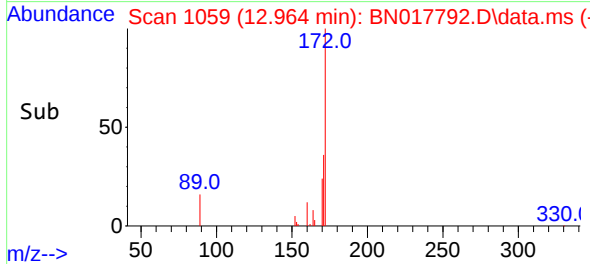
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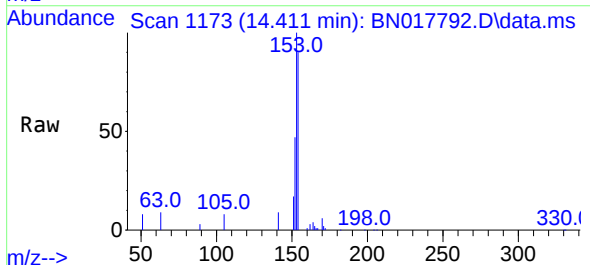
Tgt Ion:172 Resp: 75998
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 24.9 18.9 28.3

Manual Integrations
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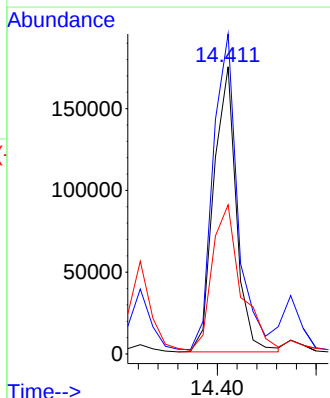
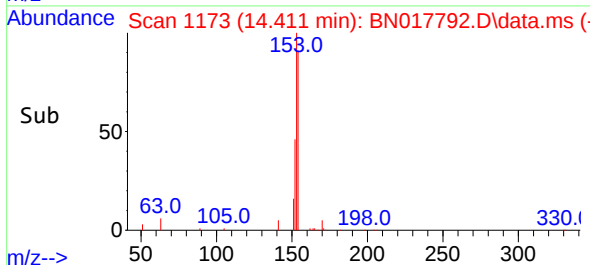
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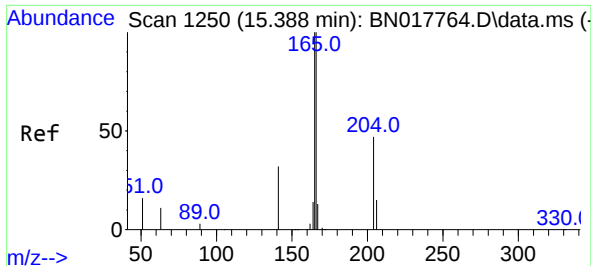


#17
Acenaphthene
Concen: 1.077 ng
RT: 14.411 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45



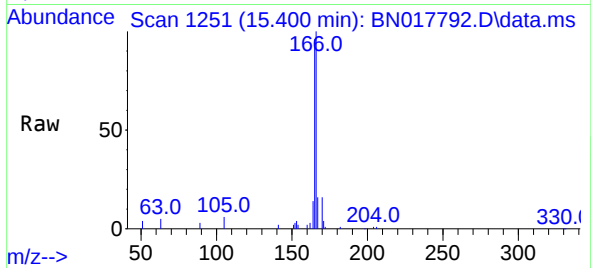
Tgt Ion:154 Resp: 276140
Ion Ratio Lower Upper
154 100
153 120.0 90.1 135.1
152 68.4 43.7 65.5





#18
Fluorene
Concen: 1.154 ng
RT: 15.400 min Scan# 1250
Delta R.T. 0.013 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

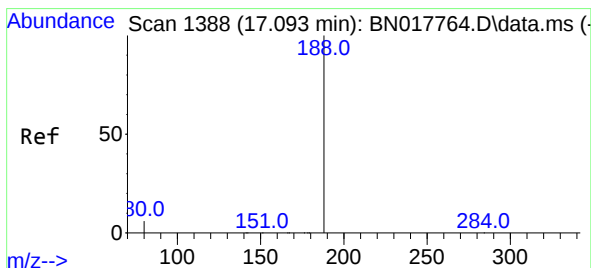
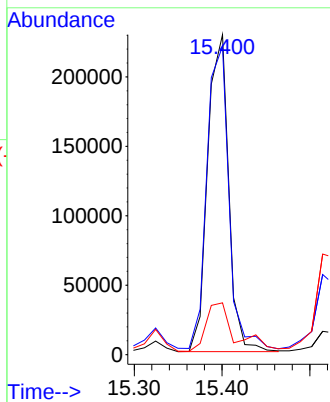
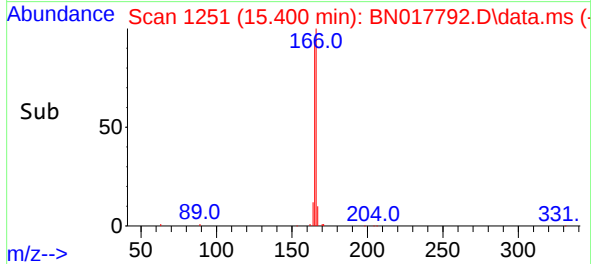
Instrument :
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Tgt Ion:166 Resp: 377804
Ion Ratio Lower Upper
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165 99.7 77.8 116.8
167 21.1 11.0 16.4

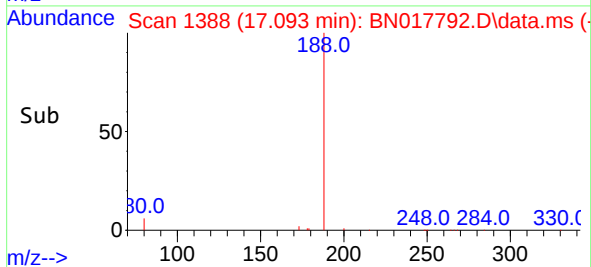
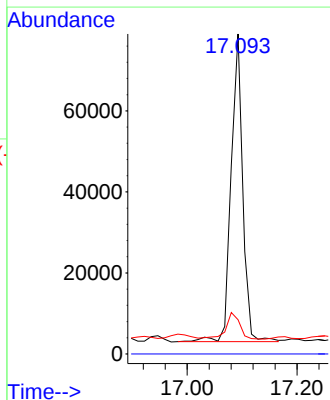
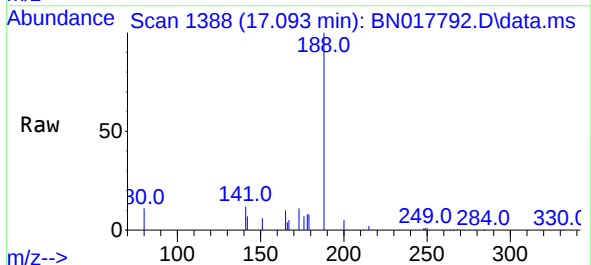
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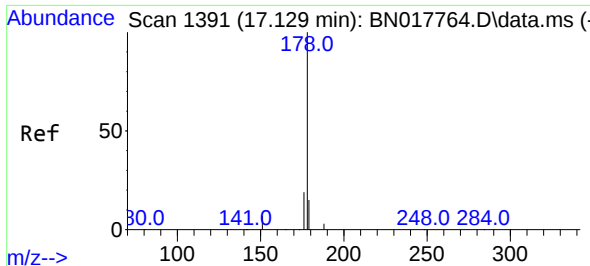
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

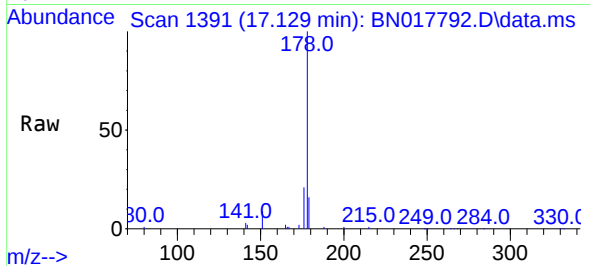
Tgt Ion:188 Resp: 111353
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 5.1 7.7





#25
Phenanthrene
Concen: 1.555 ng m
RT: 17.129 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

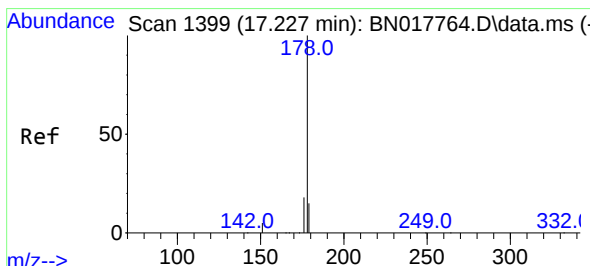
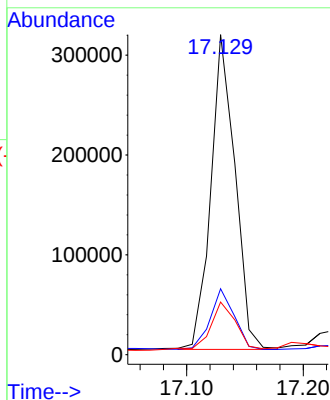
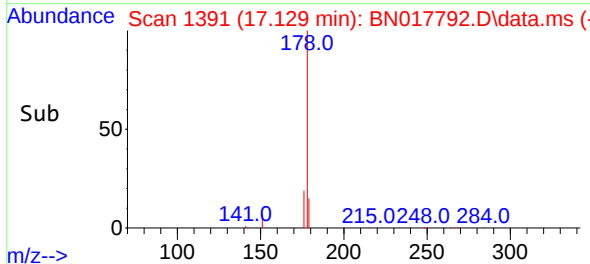
Instrument :
BNA_N
ClientSampleId :
MW-38



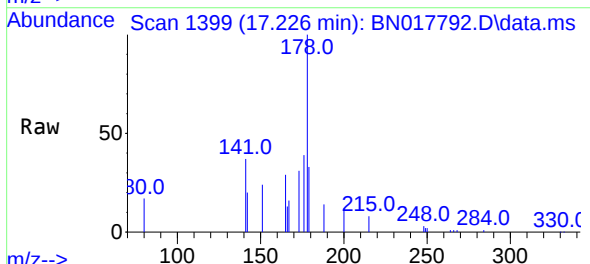
Tgt Ion:178 Resp: 454940
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.6
179 16.5 12.5 18.7

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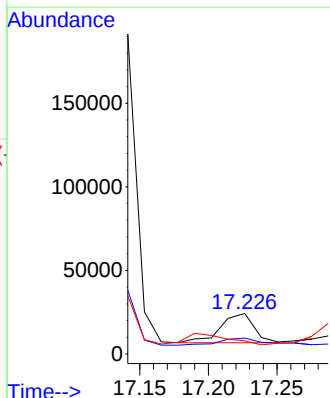
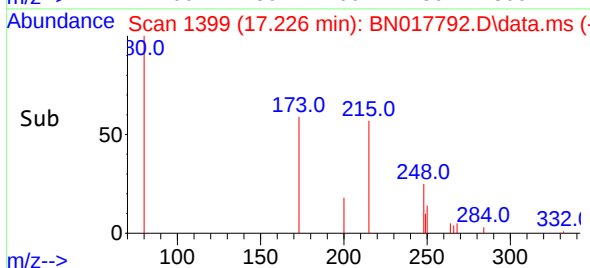
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

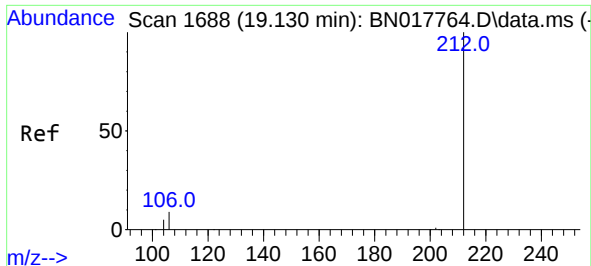


#26
Anthracene
Concen: 0.116 ng
RT: 17.226 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45



Tgt Ion:178 Resp: 29727
Ion Ratio Lower Upper
178 100
176 35.6 14.5 21.7#
179 0.0 12.2 18.4#





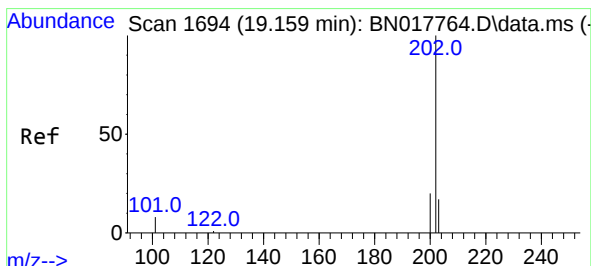
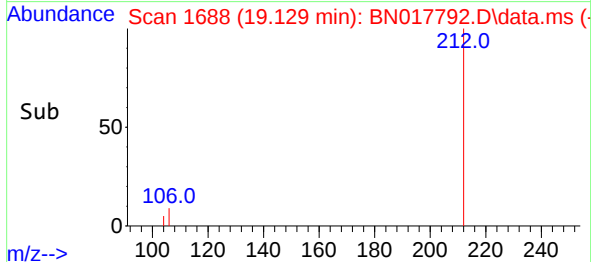
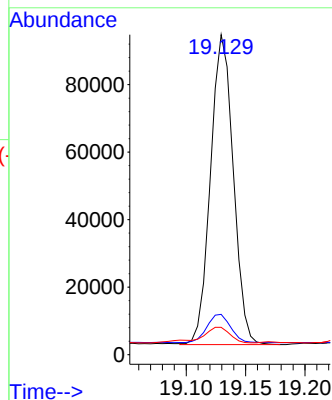
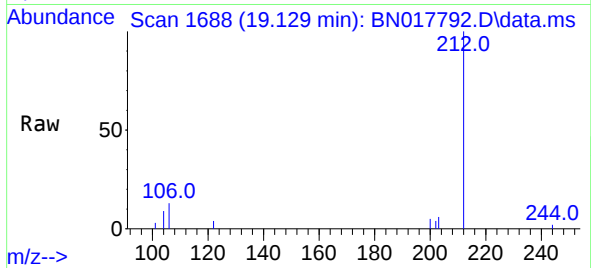
#27
Fluoranthene-d10
Concen: 0.329 ng
RT: 19.129 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

Instrument :
BNA_N
ClientSampleId :
MW-38

Tgt Ion:212 Resp: 122369
Ion Ratio Lower Upper
212 100
106 9.6 8.2 12.2
104 6.2 4.6 6.8

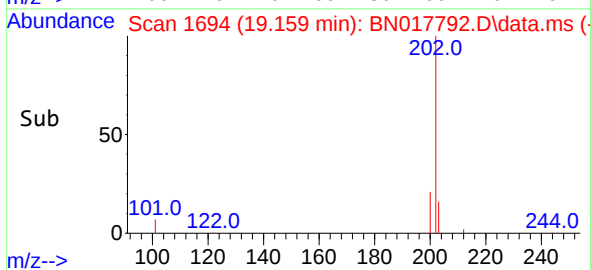
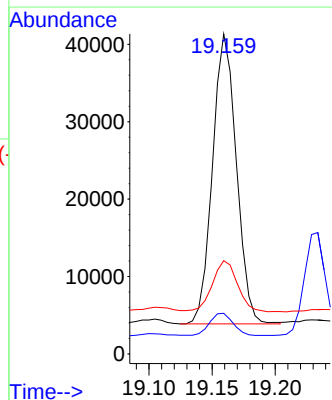
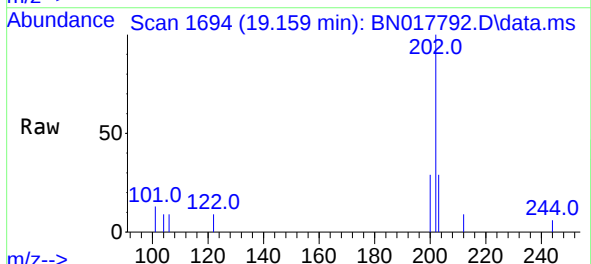
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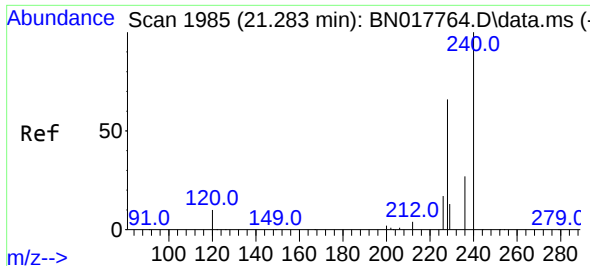
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#28
Fluoranthene
Concen: 0.138 ng
RT: 19.159 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

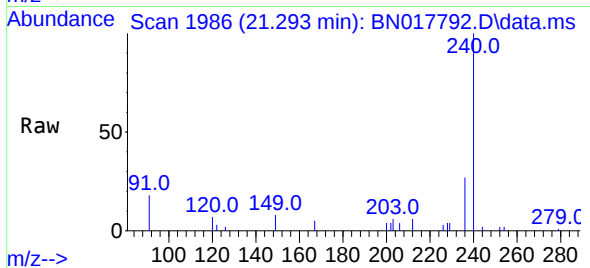
Tgt Ion:202 Resp: 49227
Ion Ratio Lower Upper
202 100
101 7.8 7.2 10.8
203 18.3 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1985
Delta R.T. 0.010 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45

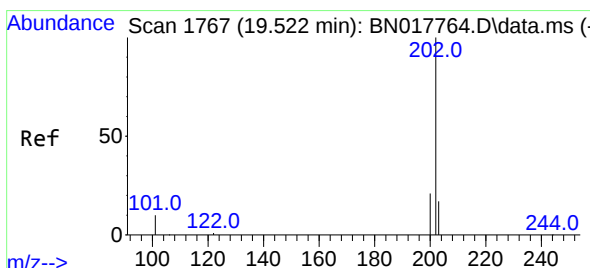
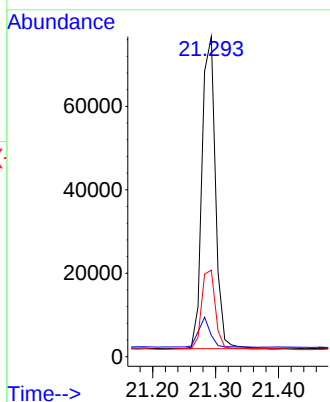
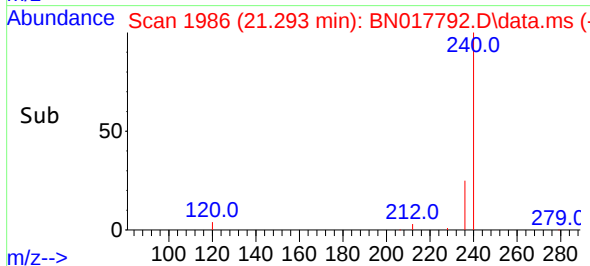
Instrument :
BNA_N
ClientSampleId :
MW-38



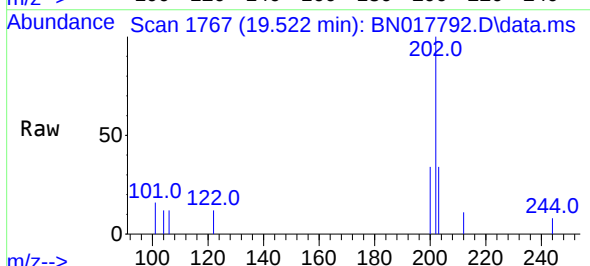
Tgt Ion:240 Resp: 11154
Ion Ratio Lower Upper
240 100
120 6.6 7.9 11.9
236 27.1 21.4 32.2

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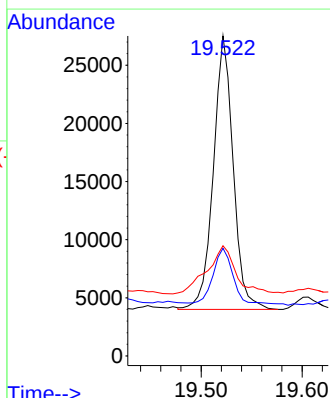
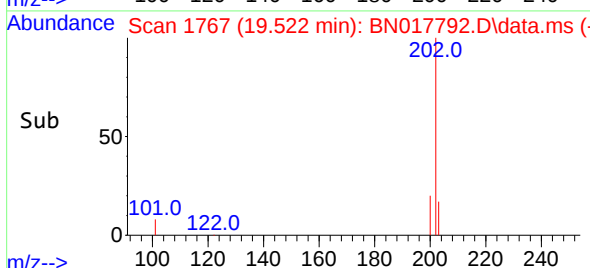
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

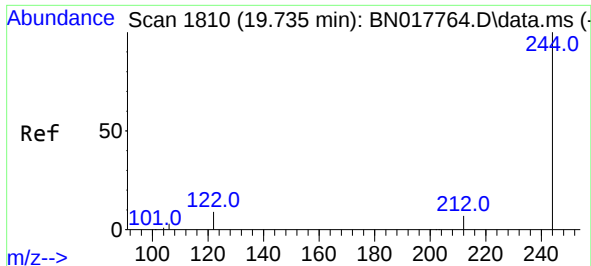


#30
Pyrene
Concen: 0.091 ng
RT: 19.522 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BN017792.D
Acq: 08 Dec 2021 09:45



Tgt Ion:202 Resp: 32184
Ion Ratio Lower Upper
202 100
200 22.1 16.5 24.7
203 25.6 14.0 21.0





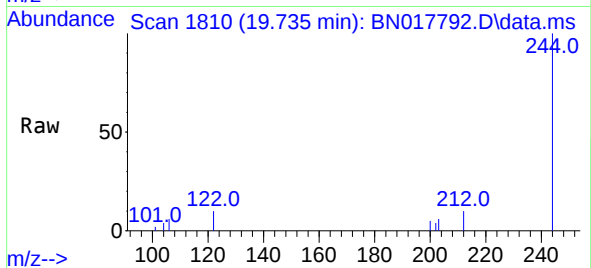
#31
 Terphenyl-d14
 Concen: 0.476 ng
 RT: 19.735 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: BN017792.D
 Acq: 08 Dec 2021 09:45

Instrument :

BNA_N

ClientSampleId :

MW-38

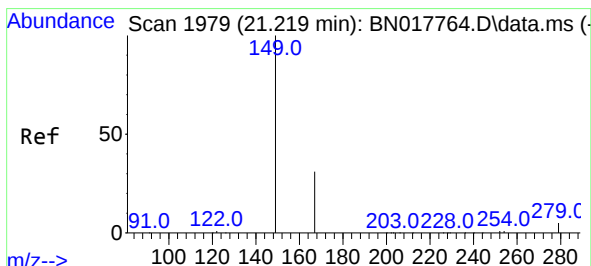
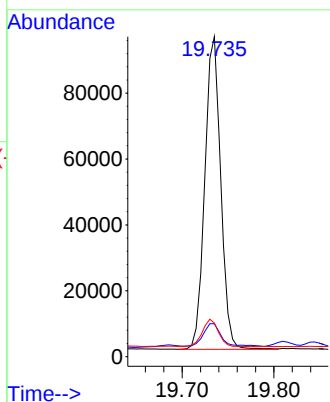
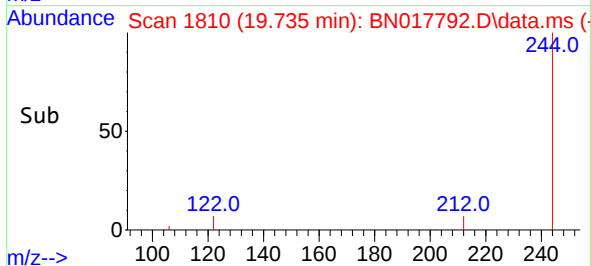


Tgt Ion:244 Resp: 11411
 Ion Ratio Lower Upper
 244 100
 212 10.3 5.8 8.8
 122 10.5 7.1 10.7

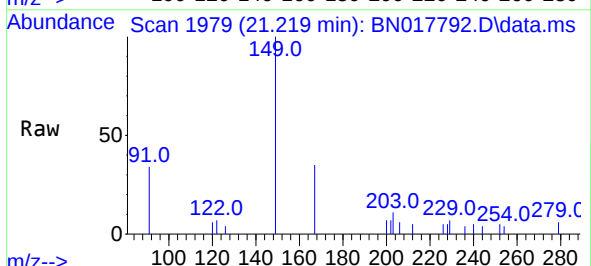
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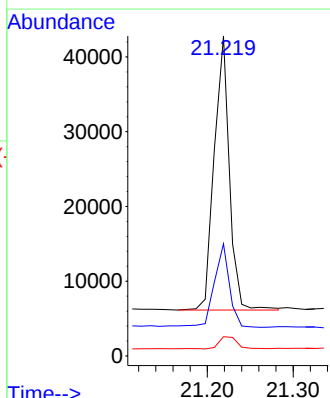
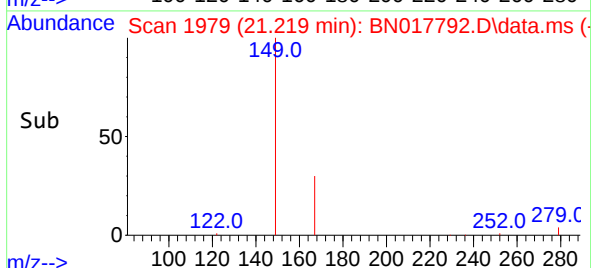
Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021

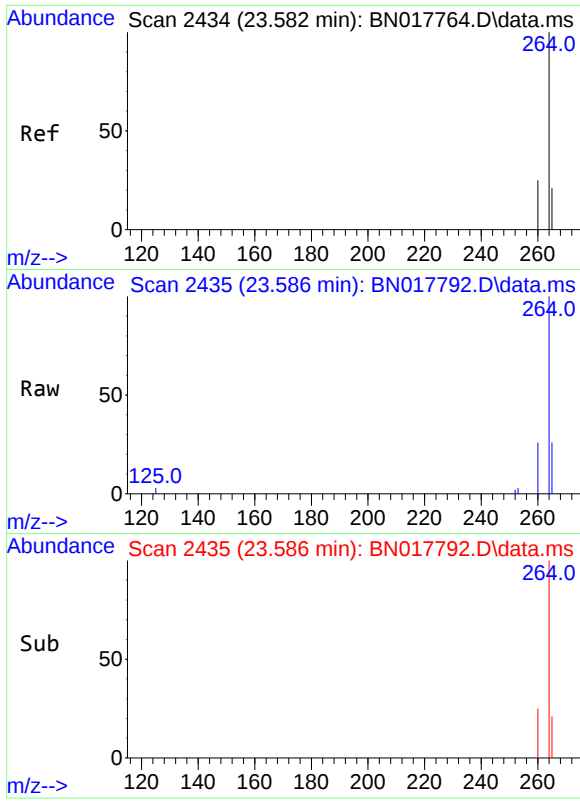


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.289 ng
 RT: 21.219 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: BN017792.D
 Acq: 08 Dec 2021 09:45



Tgt Ion:149 Resp: 45007
 Ion Ratio Lower Upper
 149 100
 167 30.4 23.5 35.3
 279 5.2 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: BN017792.D
Acq: 08 Dec 2021 09:45

Instrument :
BNA_N
ClientSampleId :
MW-38

Tgt Ion:264	Resp:	109074
Ion Ratio	Lower	Upper
264	100	
260	25.7	20.0 30.0
265	26.2	20.5 30.7

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

