

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062622\
 Data File : BN020477.D
 Acq On : 26 Jun 2022 22:31
 Operator : CG/JU
 Sample : N3354-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-50

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/28/2022
 Supervised By : Jagrut Upadhyay 06/30/2022

Quant Time: Jun 27 02:52:26 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 02:03:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	2736	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	9029	0.400	ng	# 0.00
13) Acenaphthene-d10	14.367	164	6478	0.400	ng	# 0.00
19) Phenanthrene-d10	17.113	188	11513	0.400	ng	0.00
29) Chrysene-d12	21.306	240	10439	0.400	ng	# 0.00
35) Perylene-d12	23.583	264	9609	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1300	0.171	ng	0.00
5) Phenol-d6	6.952	99	1046	0.115	ng	0.00
8) Nitrobenzene-d5	8.886	82	1862	0.254	ng	-0.01
11) 2-Methylnaphthalene-d10	12.117	152	4769	0.308	ng	0.00
14) 2,4,6-Tribromophenol	15.861	330	887	0.363	ng	0.00
15) 2-Fluorobiphenyl	12.999	172	6366	0.238	ng	0.00
27) Fluoranthene-d10	19.143	212	13036	0.381	ng	0.00
31) Terphenyl-d14	19.746	244	10194	0.409	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.573	128	4832	0.179	ng	# 1
12) 2-Methylnaphthalene	12.189	142	1077	0.060	ng	# 78
16) Acenaphthylene	14.089	152	2044	0.066	ng	# 7
17) Acenaphthene	14.431	154	17278	0.816	ng	97
18) Fluorene	15.415	166	5843	0.211	ng	# 96
26) Anthracene	17.246	178	8311	0.248	ng	# 91
28) Fluoranthene	19.173	202	29348	0.693	ng	100
30) Pyrene	19.535	202	19594	0.443	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.225	149	1857	0.088	ng	# 99

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

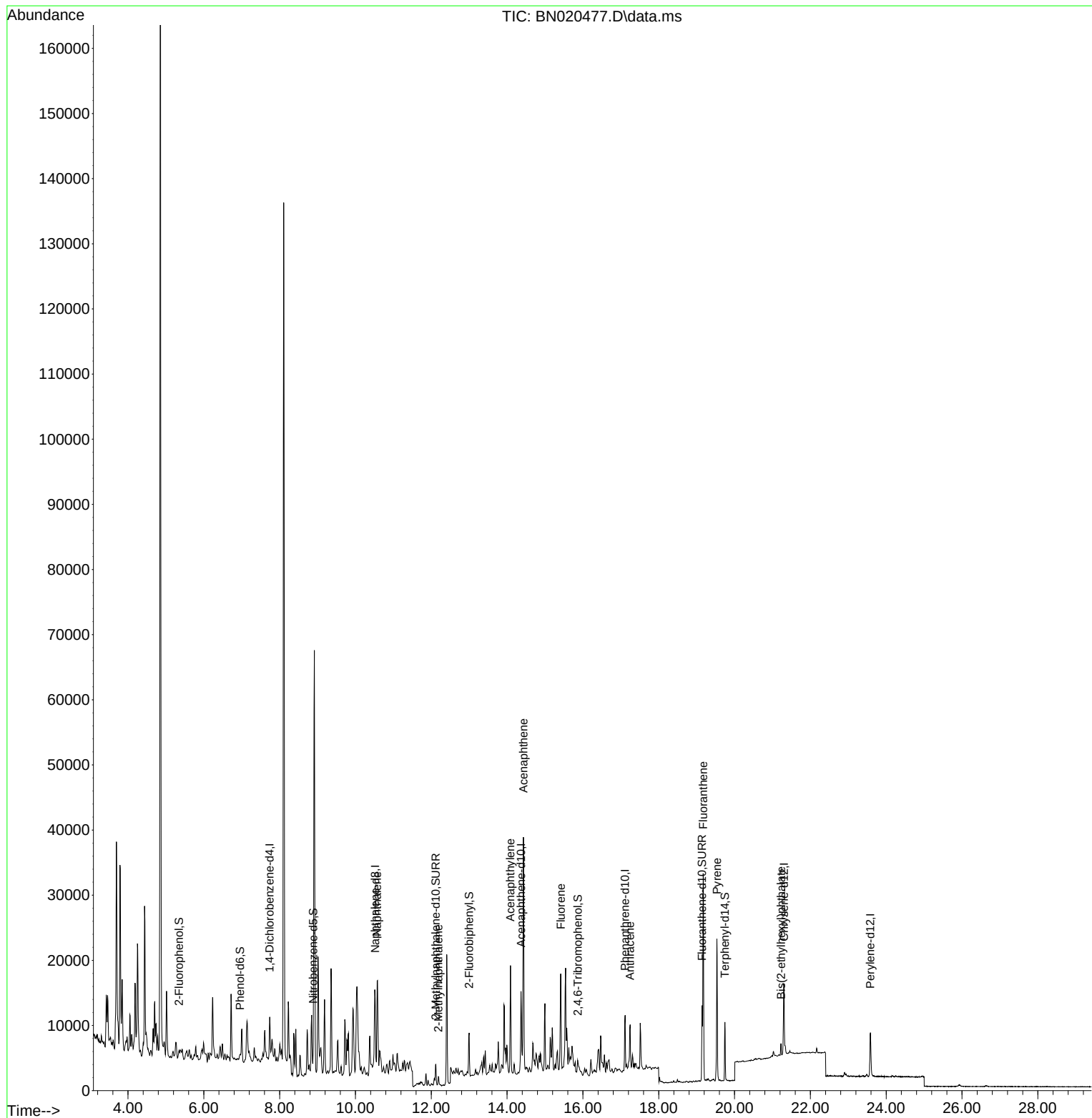
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062622\
Data File : BN020477.D
Acq On : 26 Jun 2022 22:31
Operator : CG/JU
Sample : N3354-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

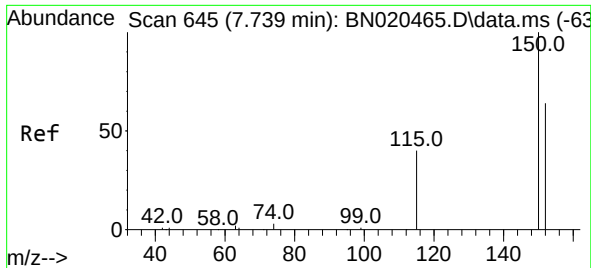
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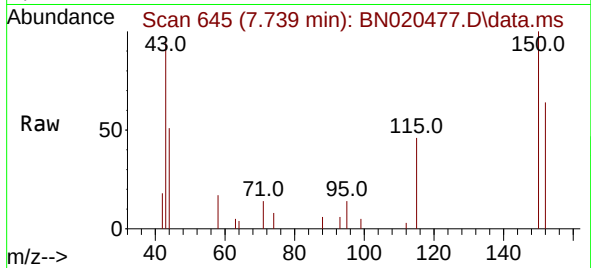
Quant Time: Jun 27 02:52:26 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 02:03:21 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.739 min Scan# 645
Delta R.T. -0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

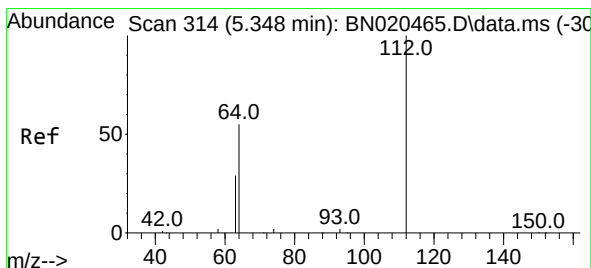
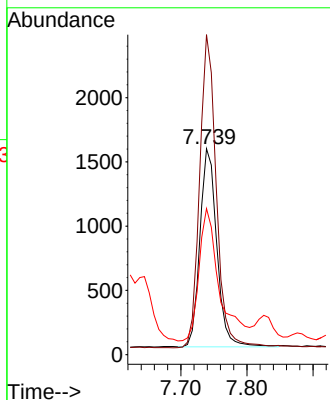
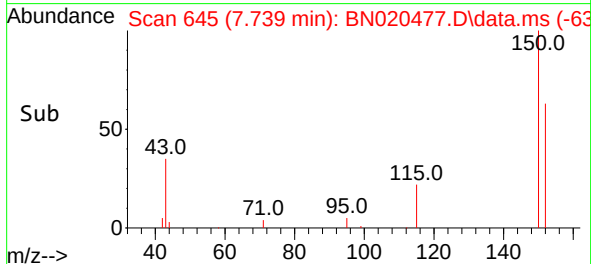
Instrument :
BNA_N
ClientSampleId :
MW-50



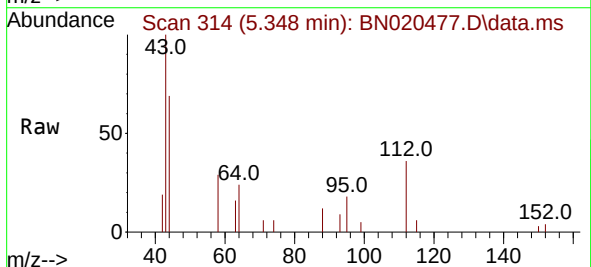
Tgt Ion:152 Resp: 2730
Ion Ratio Lower Upper
152 100
150 155.4 127.9 191.9
115 71.0 51.4 77.2

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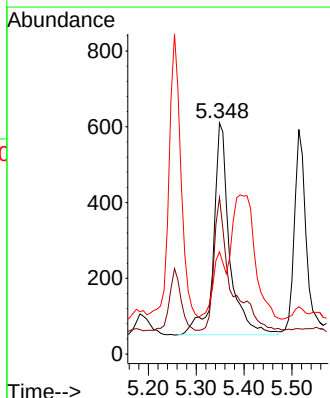
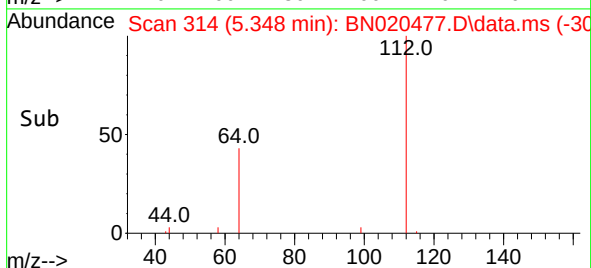
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022

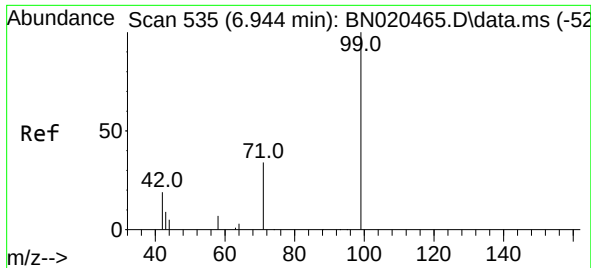


#4
2-Fluorophenol
Concen: 0.171 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31



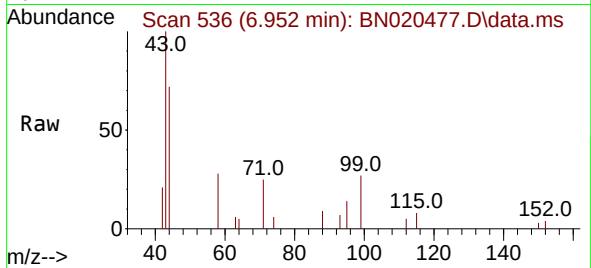
Tgt Ion:112 Resp: 1300
Ion Ratio Lower Upper
112 100
64 64.7 49.1 73.7
63 23.8 26.3 39.5





#5
Phenol-d6
Concen: 0.115 ng
RT: 6.952 min Scan# 536
Delta R.T. 0.007 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

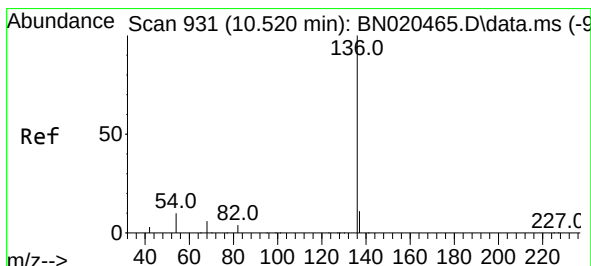
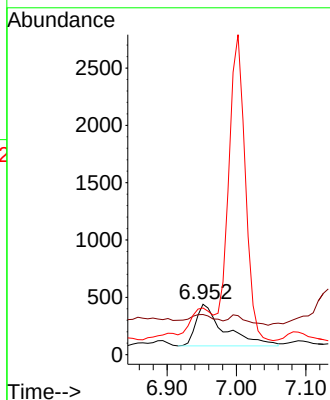
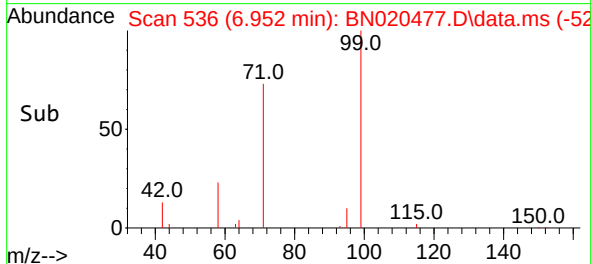
Instrument :
BNA_N
ClientSampleId :
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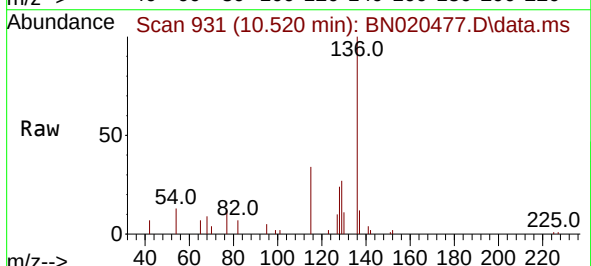
Tgt Ion: 99 Resp: 1040
Ion Ratio Lower Upper
99 100
42 13.2 19.3 28.9#
71 70.6 27.5 41.3#

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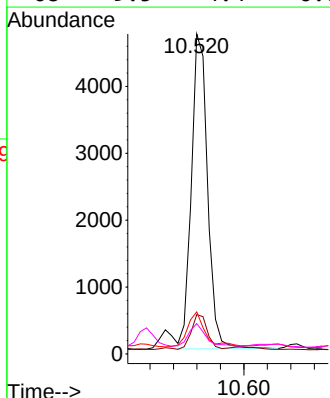
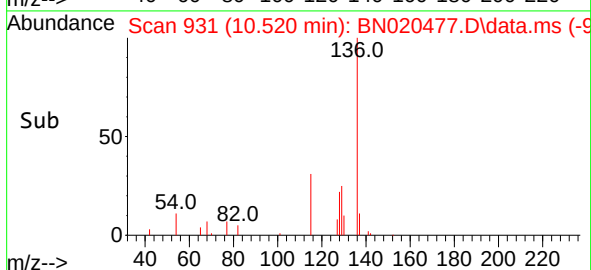
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022

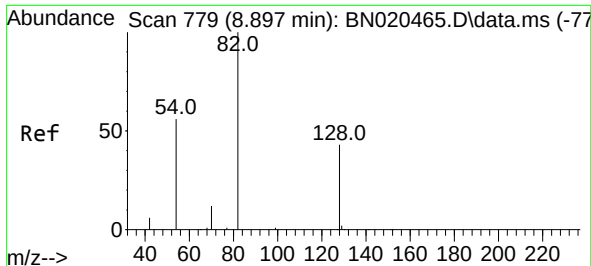


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31



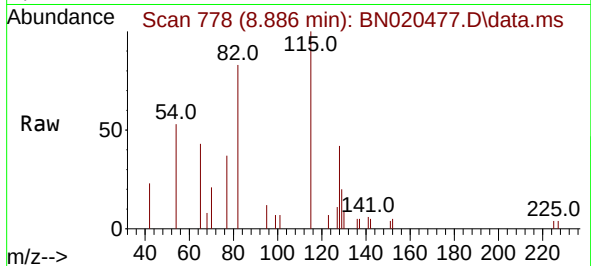
Tgt Ion:136 Resp: 9029
Ion Ratio Lower Upper
136 100
137 12.3 9.0 13.6
54 13.1 6.2 9.2#
68 9.5 4.4 6.6#





#8
Nitrobenzene-d5
Concen: 0.254 ng
RT: 8.886 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

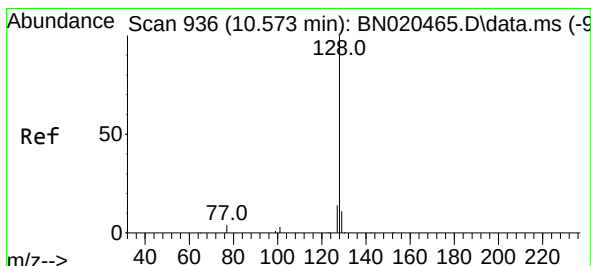
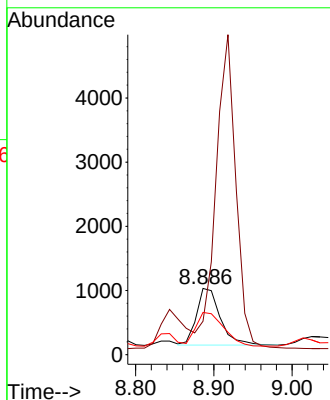
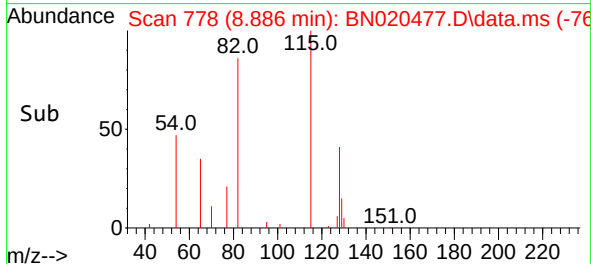
Instrument :
BNA_N
ClientSampleId :
MW-50



Tgt Ion: 82 Resp: 1862
Ion Ratio Lower Upper
82 100
128 50.5 35.0 52.6
54 63.9 46.2 69.4

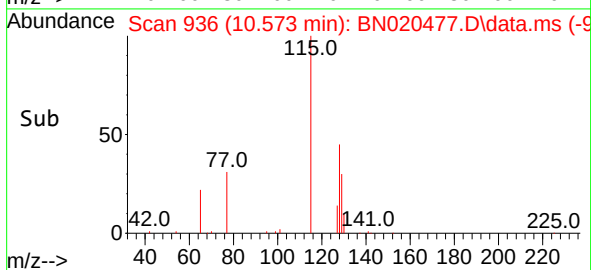
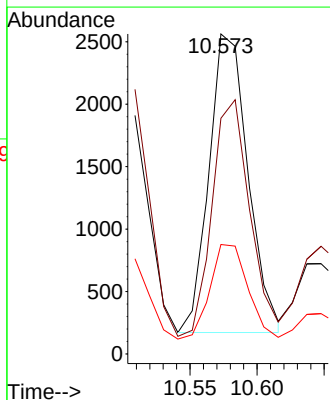
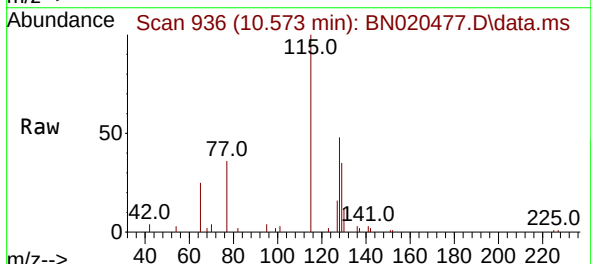
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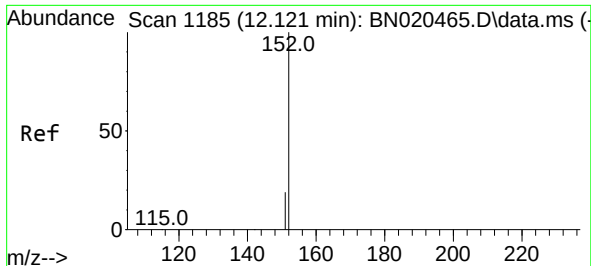
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022



#9
Naphthalene
Concen: 0.179 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

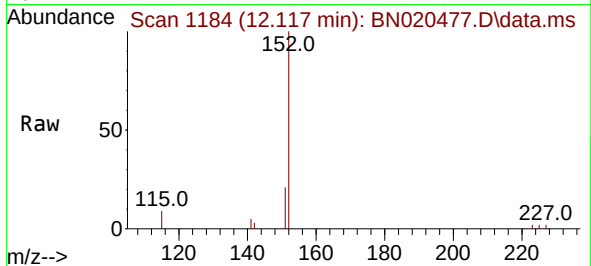
Tgt Ion:128 Resp: 4832
Ion Ratio Lower Upper
128 100
129 73.7 8.9 13.3#
127 34.2 10.8 16.2#





#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.117 min Scan# 1184
Delta R.T. -0.004 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

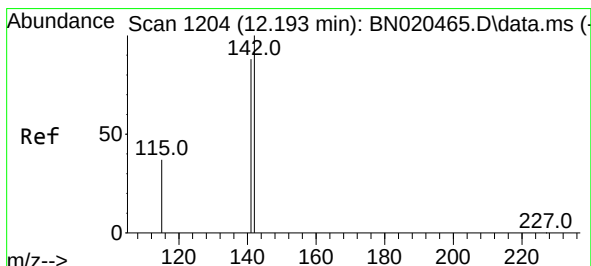
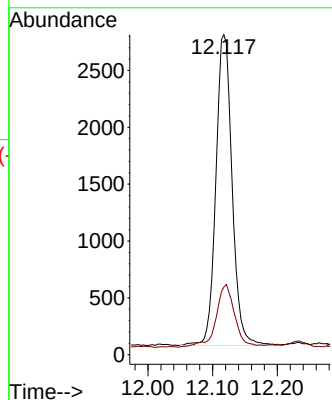
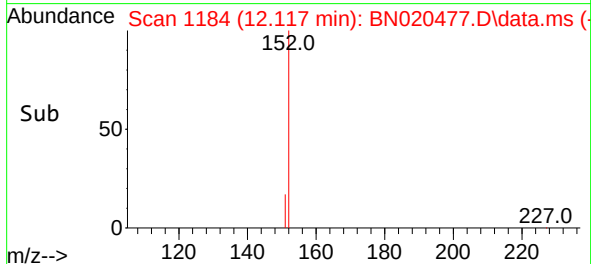
Instrument :
BNA_N
ClientSampleId :
MW-50



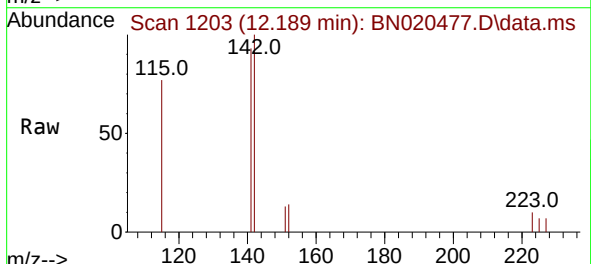
Tgt Ion:152 Resp: 4769
Ion Ratio Lower Upper
152 100
151 23.1 16.2 24.4

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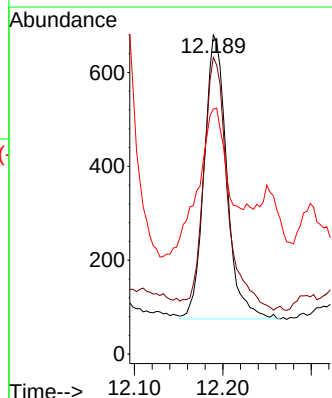
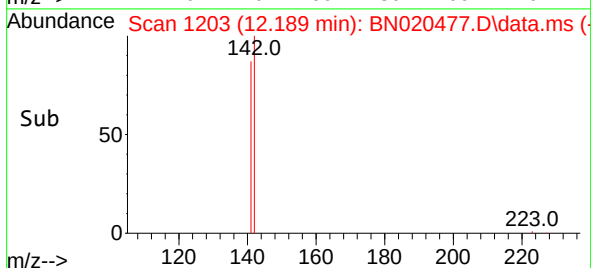
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022

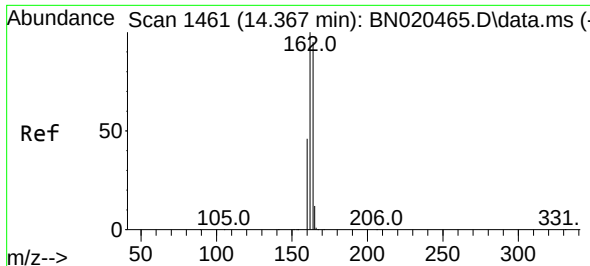


#12
2-Methylnaphthalene
Concen: 0.060 ng
RT: 12.189 min Scan# 1203
Delta R.T. -0.004 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31



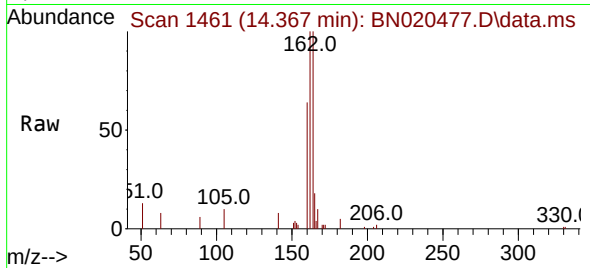
Tgt Ion:142 Resp: 1077
Ion Ratio Lower Upper
142 100
141 92.9 71.6 107.4
115 76.8 29.8 44.8#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.367 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

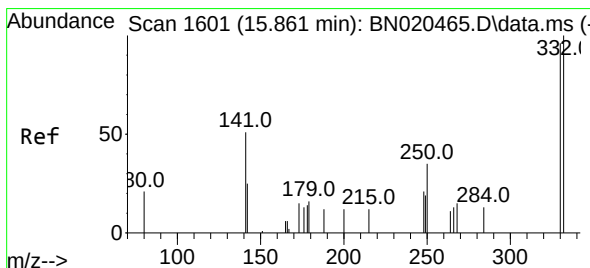
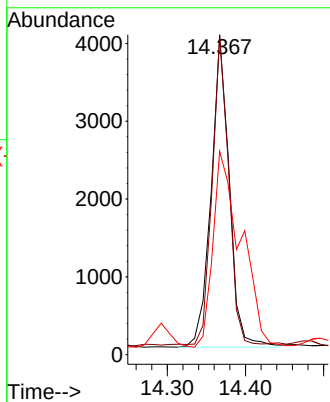
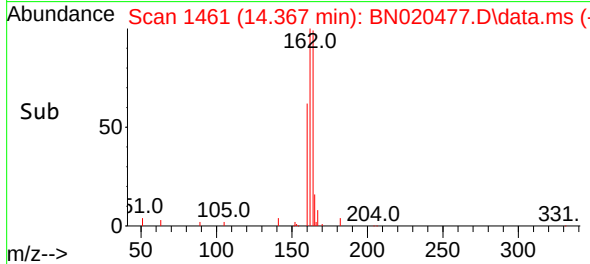
Instrument :
BNA_N
ClientSampleId :
MW-50



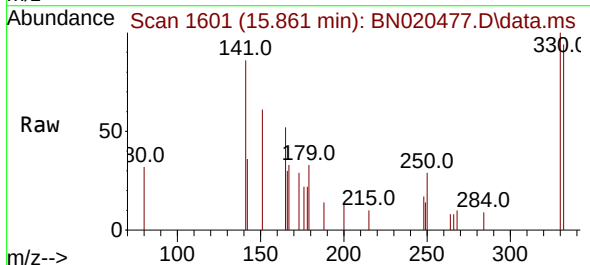
Tgt Ion:164 Resp: 6478
Ion Ratio Lower Upper
164 100
162 100.4 82.1 123.1
160 63.8 38.6 58.0

Manual Integrations
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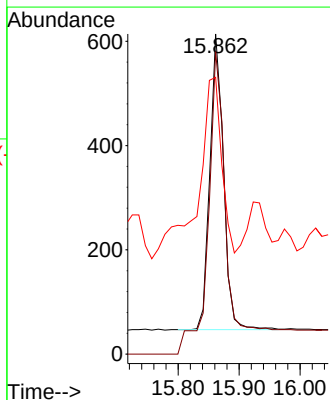
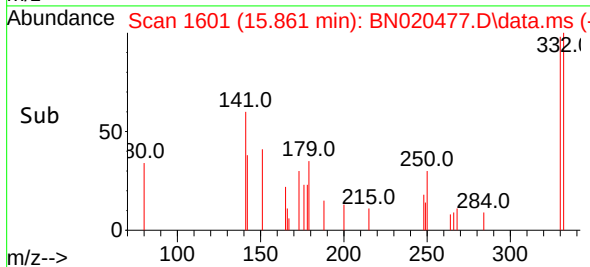
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022

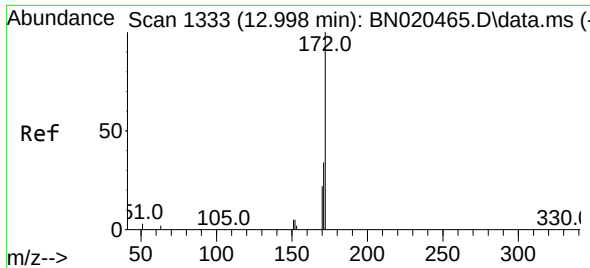


#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.861 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31



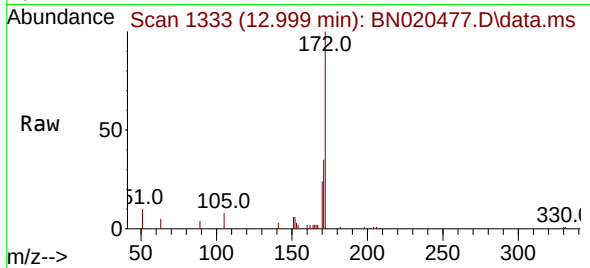
Tgt Ion:330 Resp: 887
Ion Ratio Lower Upper
330 100
332 146.7 77.6 116.4#
141 94.5 41.0 61.4#





#15
2-Fluorobiphenyl
Concen: 0.238 ng
RT: 12.999 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

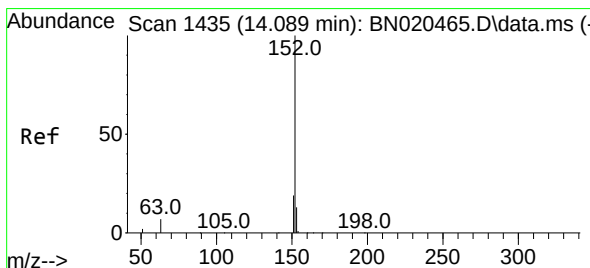
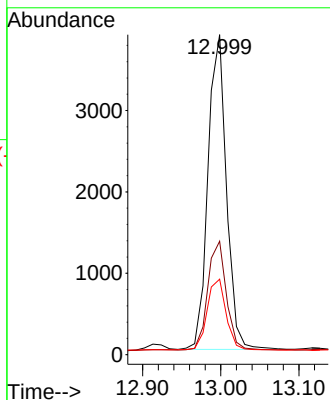
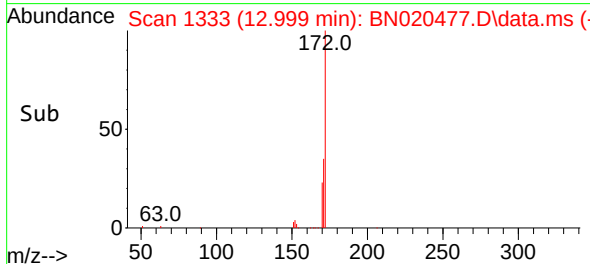
Instrument :
BNA_N
ClientSampleId :
MW-50



Tgt Ion:172 Resp: 6360
Ion Ratio Lower Upper
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171 35.4 27.2 40.8
170 23.6 18.2 27.4

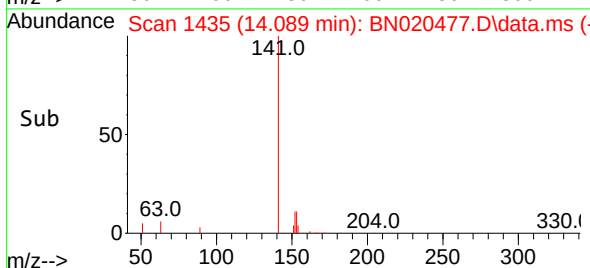
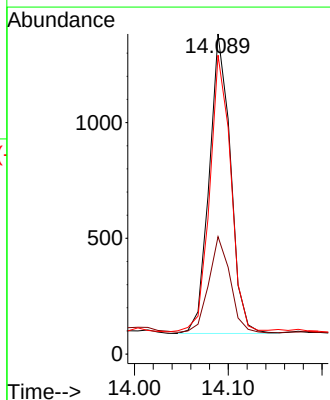
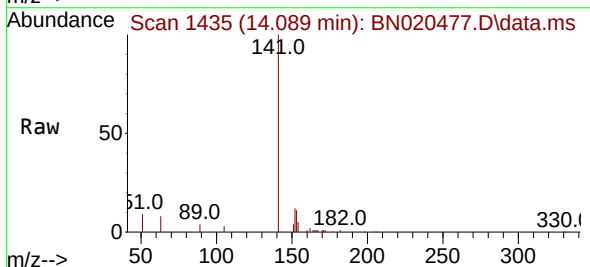
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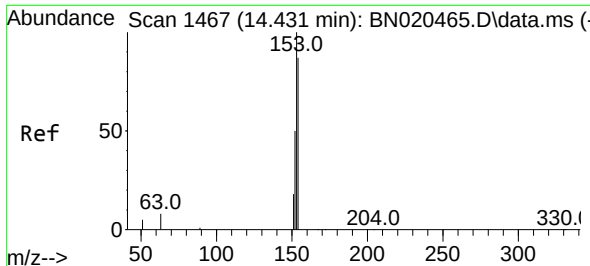
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022



#16
Acenaphthylene
Concen: 0.066 ng
RT: 14.089 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

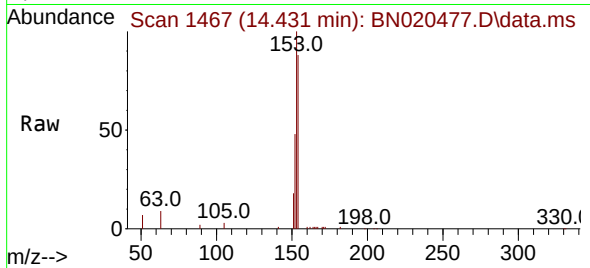
Tgt Ion:152 Resp: 2044
Ion Ratio Lower Upper
152 100
151 32.2 16.2 24.4#
153 91.1 10.7 16.1#





#17
Acenaphthene
Concen: 0.816 ng
RT: 14.431 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

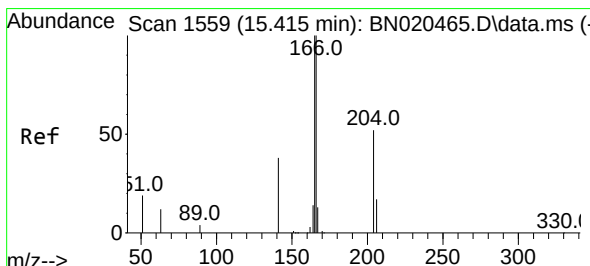
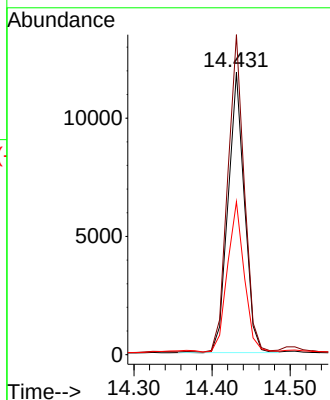
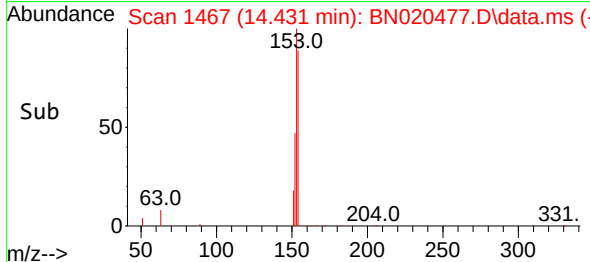
Instrument :
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ClientSampleId :
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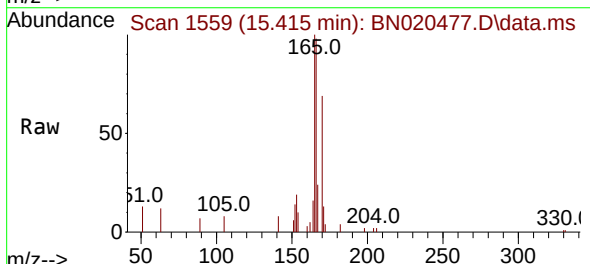
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Ion Ratio Lower Upper
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153 114.1 87.5 131.3
152 54.8 43.8 65.6

Manual Integrations
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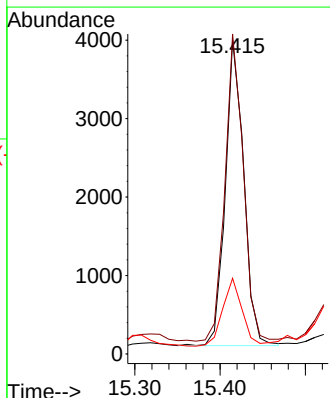
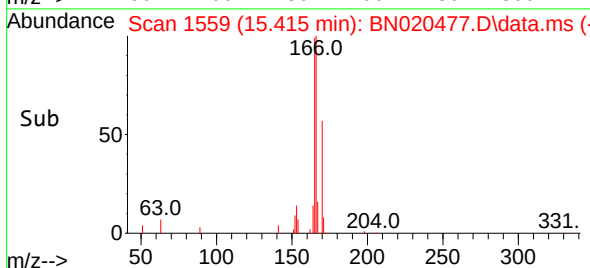
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022

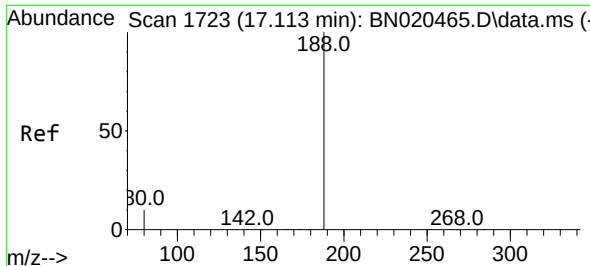


#18
Fluorene
Concen: 0.211 ng
RT: 15.415 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31



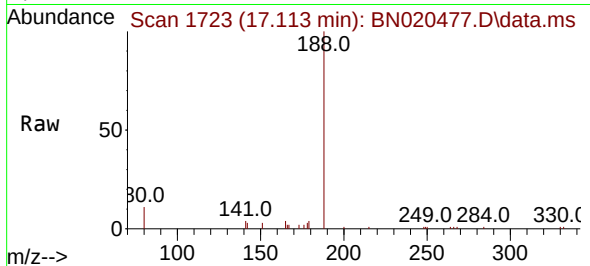
Tgt Ion:166 Resp: 5843
Ion Ratio Lower Upper
166 100
165 99.7 78.6 118.0
167 23.3 10.8 16.2#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.113 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

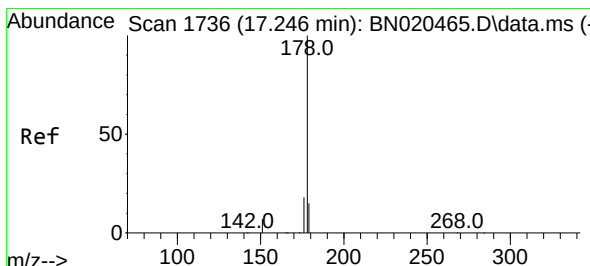
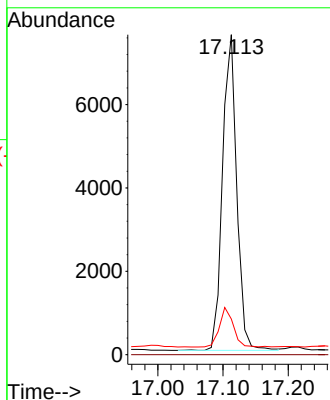
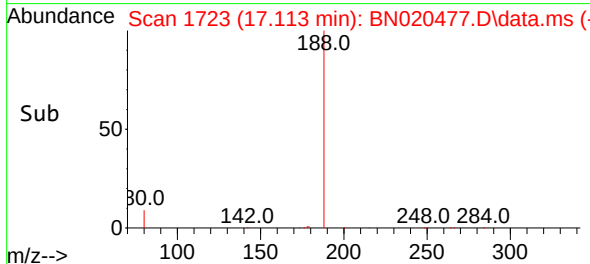
Instrument :
BNA_N
ClientSampleId :
MW-50



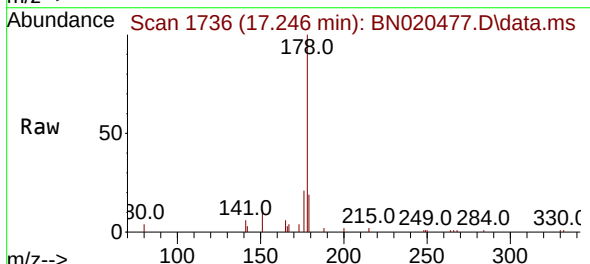
Tgt Ion:188 Resp: 1151
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 7.4 11.2

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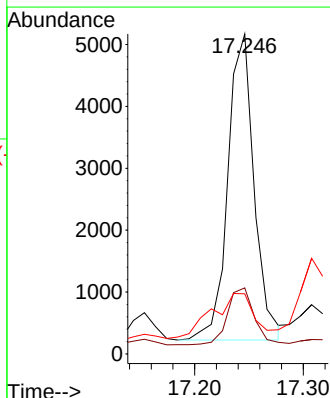
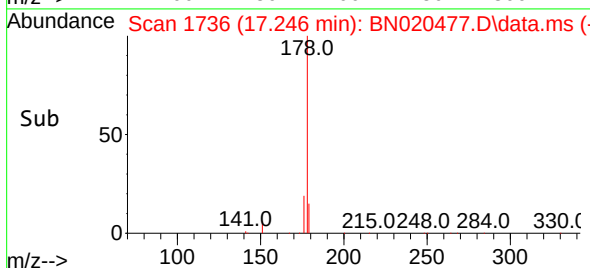
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022

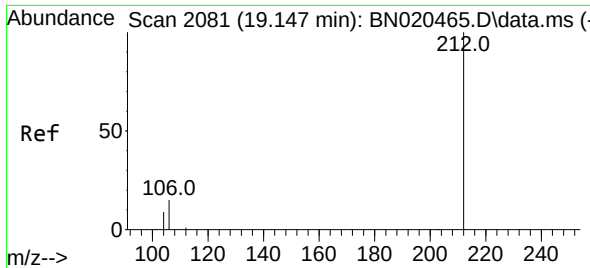


#26
Anthracene
Concen: 0.248 ng
RT: 17.246 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31



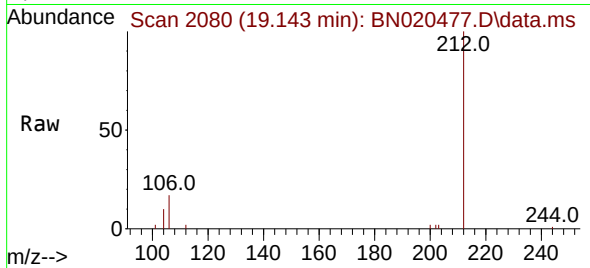
Tgt Ion:178 Resp: 8311
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 23.4 12.2 18.4#





#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.143 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

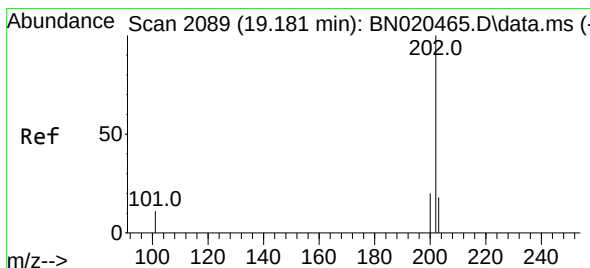
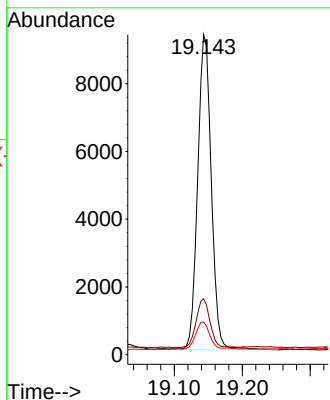
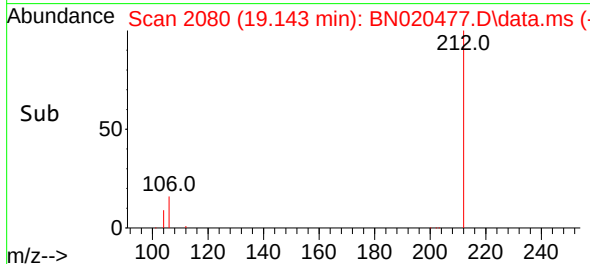
Instrument :
BNA_N
ClientSampleId :
MW-50



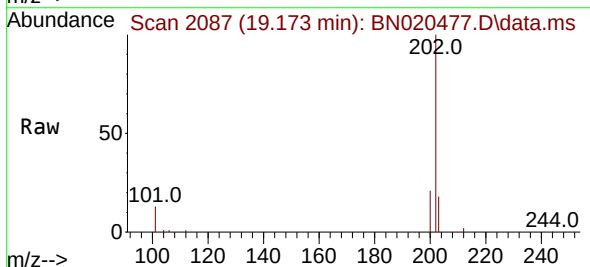
Tgt Ion:212 Resp: 13030
Ion Ratio Lower Upper
212 100
106 15.5 12.6 19.0
104 9.5 7.2 10.8

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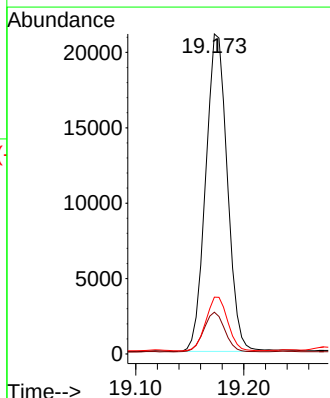
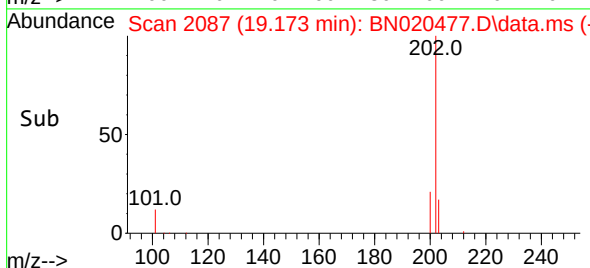
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022

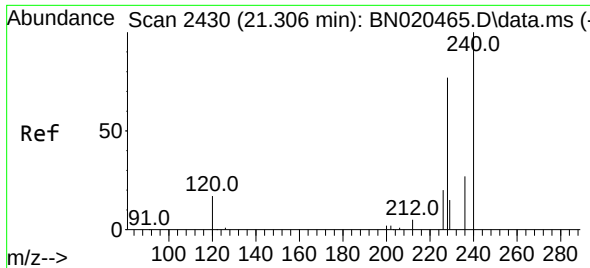


#28
Fluoranthene
Concen: 0.693 ng
RT: 19.173 min Scan# 2087
Delta R.T. -0.008 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31



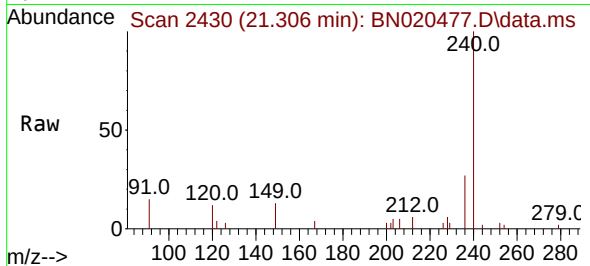
Tgt Ion:202 Resp: 29348
Ion Ratio Lower Upper
202 100
101 12.3 9.6 14.4
203 17.0 13.5 20.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.306 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

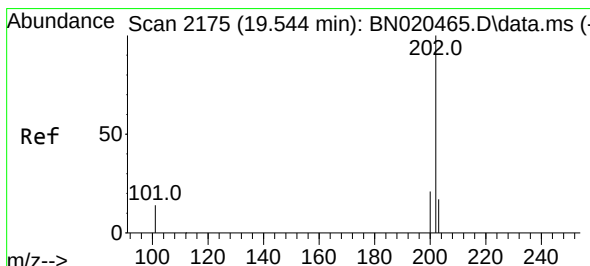
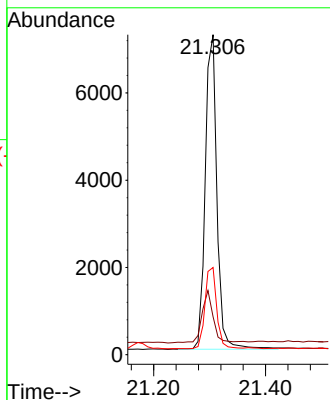
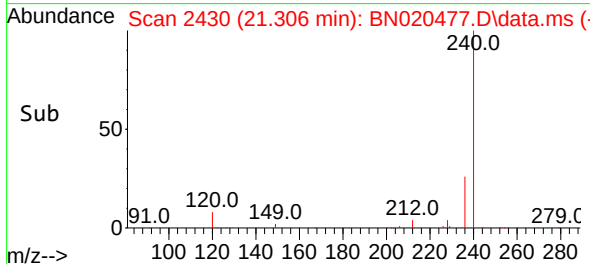
Instrument :
BNA_N
ClientSampleId :
MW-50



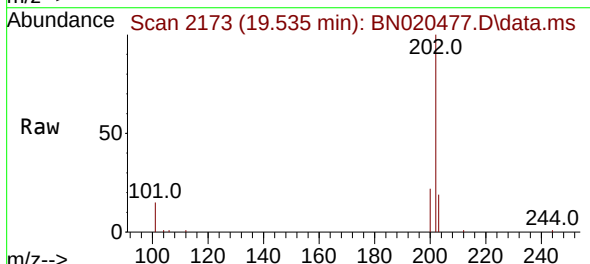
Tgt Ion:240 Resp: 10439
Ion Ratio Lower Upper
240 100
120 11.9 14.6 21.8
236 27.2 22.6 33.8

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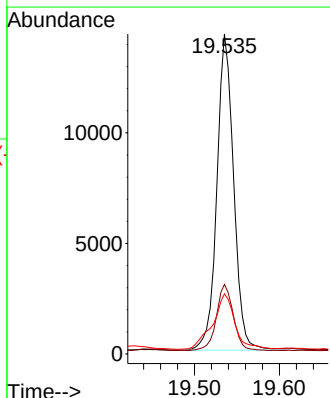
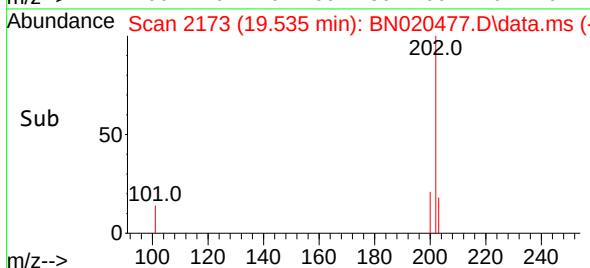
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022

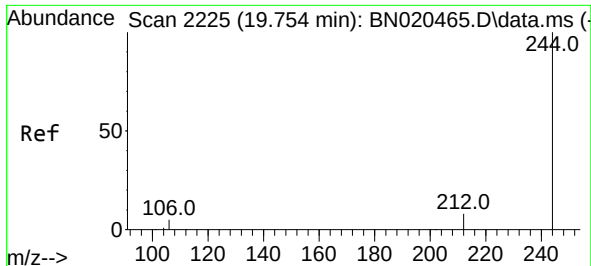


#30
Pyrene
Concen: 0.443 ng
RT: 19.535 min Scan# 2173
Delta R.T. -0.008 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31



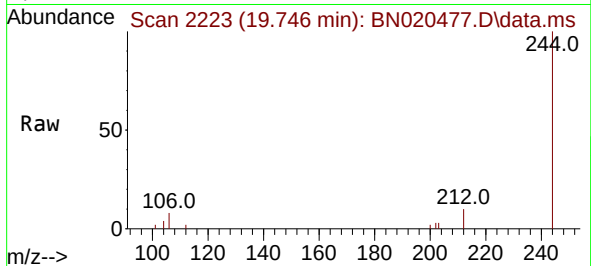
Tgt Ion:202 Resp: 19594
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 23.3 14.2 21.2





#31
 Terphenyl-d14
 Concen: 0.409 ng
 RT: 19.746 min Scan# 2194
 Delta R.T. -0.008 min
 Lab File: BN020477.D
 Acq: 26 Jun 2022 22:31

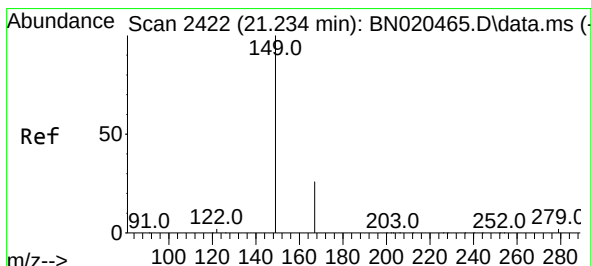
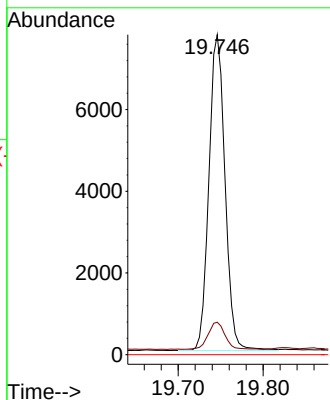
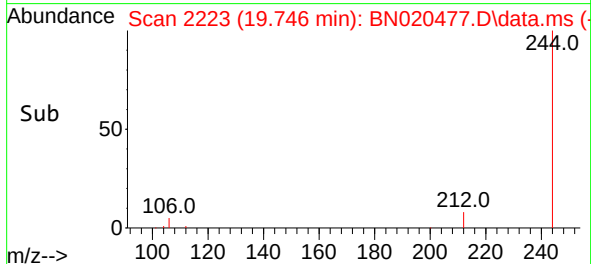
Instrument :
 BNA_N
 ClientSampleId :
 MW-50



Tgt Ion:244 Resp: 10194
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.1 10.7
 122 0.0 0.0 0.0

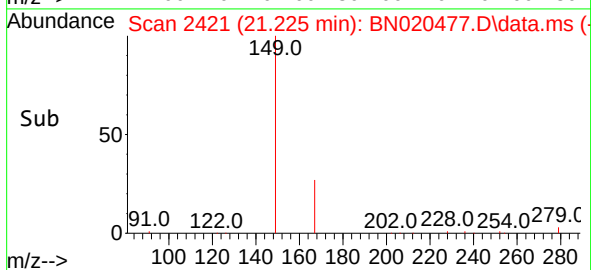
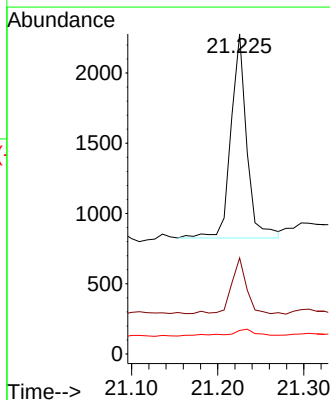
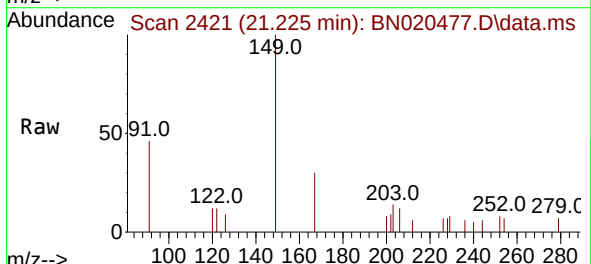
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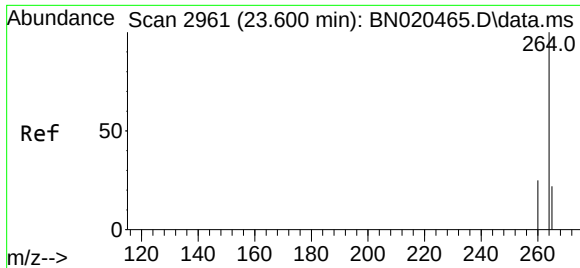
Reviewed By :Christian Giraldo 06/28/2022
 Supervised By :Jagrut Upadhyay 06/30/2022



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.088 ng
 RT: 21.225 min Scan# 2421
 Delta R.T. -0.009 min
 Lab File: BN020477.D
 Acq: 26 Jun 2022 22:31

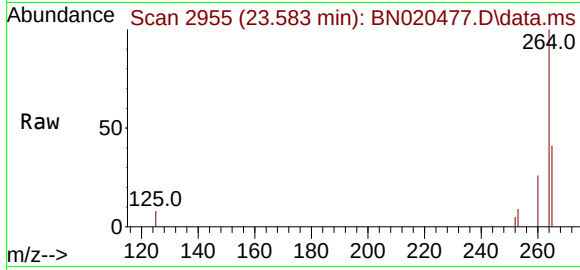
Tgt Ion:149 Resp: 1857
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.7 32.5
 279 5.8 2.2 3.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.583 min Scan# 2961
 Delta R.T. -0.017 min
 Lab File: BN020477.D
 Acq: 26 Jun 2022 22:31

Instrument :
 BNA_N
 ClientSampleId :
 MW-50



Tgt Ion:264 Resp: 9609

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.9	31.3
265	40.8	28.0	42.0

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Reviewed By :Christian Giraldo 06/28/2022
 Supervised By :Jagrut Upadhyay 06/30/2022

